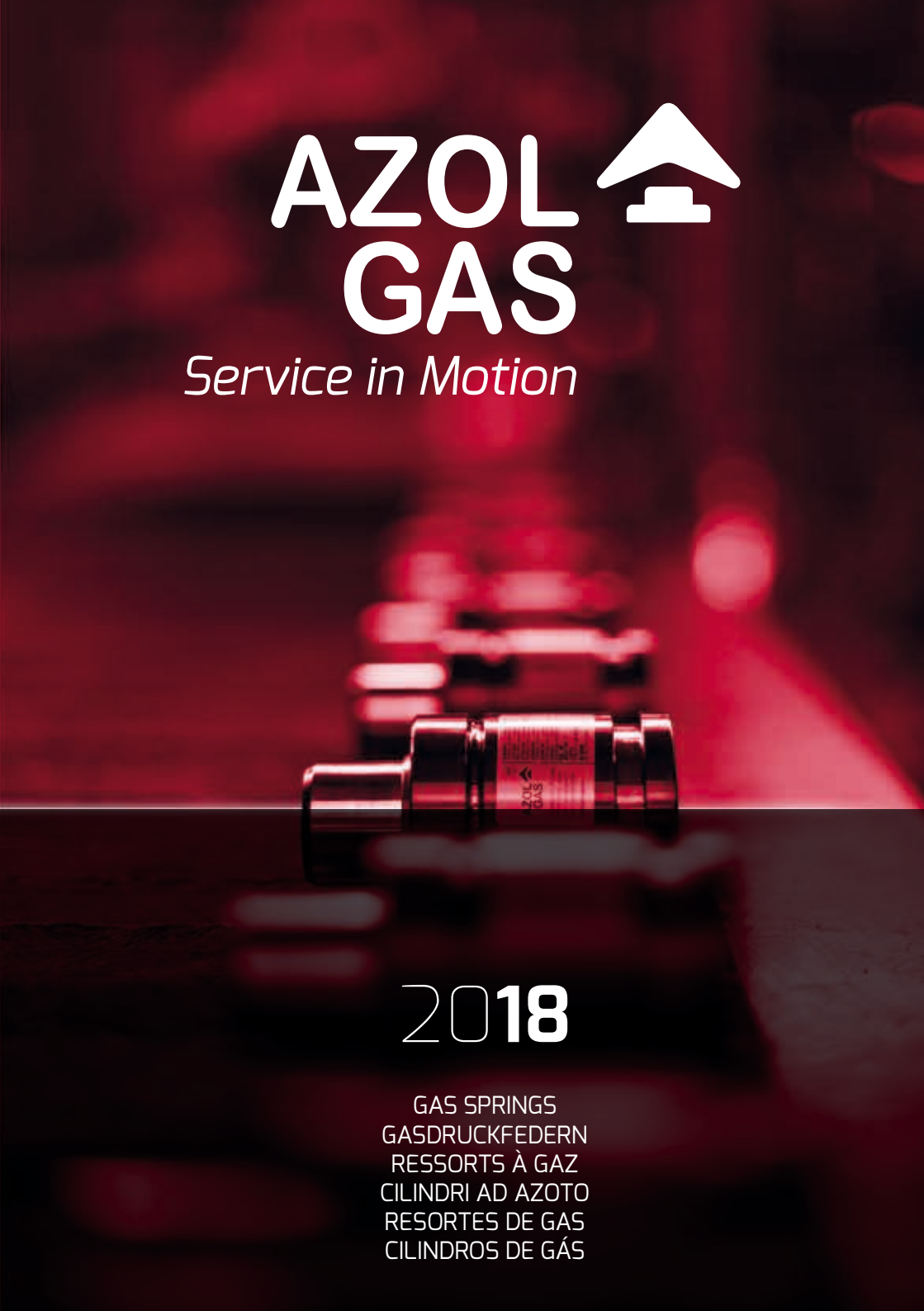
# AZOL GAS

*Service in Motion*



2018

GAS SPRINGS
GASDRUCKFEDERN
RESSORTS À GAZ
CILINDRI AD AZOTO
RESORTES DE GAS
CILINDROS DE GÁS



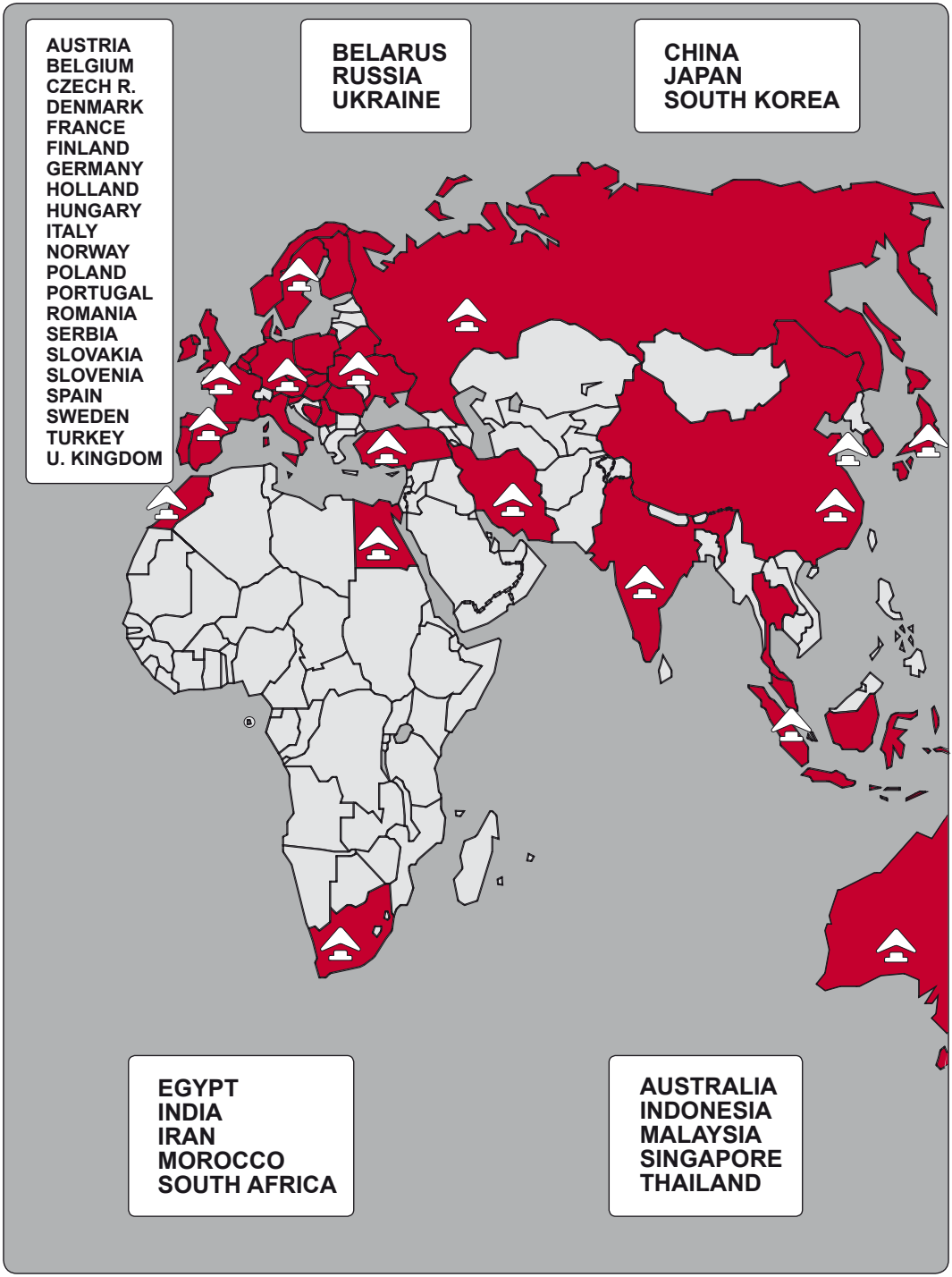
*Service in Motion* 2018

# AZOL GAS

GAS SPRINGS
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# AZOLGAS WORLDWIDE

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# AZOLGAS WORLDWIDE



# NEW



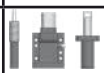

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| MINI | **AFB V2** | 50 | Ø12 | 7 - 80 | 56 - 205 | 180 | X | | 2 |
| | **AFH V1** | 90 | Ø15 | 7 - 80 | 56 - 205 | 180 | X | | 4 |
| | **AFJ V1** | 90 | Ø19 | 7 - 125 | 56 - 295 | 180 | X | | 6 |
| | **AFK V1** | 100 | Ø20 | 10 - 80 | 74 - 214 | 160 | X | | 8 |
| | **AFD V1** | 200 | Ø25 | 7 - 125 | 56 - 295 | 180 | X | | 10 |
| | **AFC** | 200 | Ø25 | 7 - 125 | 56 - 295 | 180 | X | | 12 |
| | **AFNA** | 200 | Ø25 | 10 - 50 | 65 - 145 | 180 | X | | 14 |
| | **AF V1** | 200 | Ø25 | 12 - 100 | 78 - 254 | 180 | X | | 16 |
| | **AFT V1** | 350 | Ø32 | 7 - 125 | 56 - 295 | 180 | X | | 18 |
| THREADED | **AS 200** | 200 | M28x1.5 | 10 - 125 | 62 - 292 | 180 | X | | 22 |
| | **AS 300** | 300 | M38x1.5 | 12.7 - 125 | 75.4 - 300 | 150 | X | | 24 |
| | **ASP 250** | 250 | M36x1 | 15 - 100 | 84 - 254 | 150 | X | | 26 |
| | **ASP 300** | 300 | M38x1.5 | 12.7 - 100 | 75.4 - 250 | 150 | X | | 28 |
| | **ASP 500 V1** | 500 | M45x1 | 15 - 100 | 84 - 254 | 150 | X | | 30 |
| ISO | **AG 150** | 150 | Ø32 | 10 - 125 | 70 - 300 | 180 | ✓ | | 34 |
| | **AG 250** | 250 | Ø38 | 10 - 125 | 70 - 300 | 150 | ✓ | | 36 |
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| | **AG 1500** | 1500 | Ø75 | 12.7 - 300 | 135.4 - 710 | 150 | ✓ | | 48 |
| | **AG 3000** | 3000 | Ø95 | 25 - 300 | 170- 720 | 150 | ✓ | | 52 |
| | **AG 5000** | 5000 | Ø120 | 25 - 300 | 190 - 740 | 150 | ✓ | | 56 |
| | **AG 7500** | 7500 | Ø150 | 25 - 300 | 205 - 755 | 150 | ✓ | | 60 |
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| | **CD 500 V1** | 500 | Ø38 | 10 - 125 | 70 - 300 | 150 | ✓ | | 74 |
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| | **CD 1500 V2** | 1500 | Ø63 | 25 - 200 | 145 - 495 | 150 | ✓ | | 84 |
| | **CD 2400** | 2400 | Ø75 | 25 - 300 | 160 - 710 | 150 | ✓ | | 88 |
| | **CD 4200** | 4200 | Ø95 | 25 - 300 | 170 - 720 | 150 | ✓ | | 92 |
| | **CD 6600** | 6600 | Ø120 | 25 - 300 | 190 - 740 | 150 | ✓ | | 96 |
| | **CD 9600** | 9600 | Ø150 | 25 - 300 | 205 - 755 | 150 | ✓ | | 100 |
| | **CD 18500** | 18500 | Ø195 | 25 - 300 | 210 - 760 | 150 | ✓ | | 104 |
| | **CM 200** | 200 | Ø25 | 10 - 80 | 80 - 220 | 180 | X | | 110 |
| | **CM 300** | 300 | Ø32 | 12 - 100 | 84 - 260 | 150 | ✓ | | 112 |
| | **CM 350 V1** | 350 | Ø32 | 10 - 80 | 70 - 210 | 150 | ✓ | | 114 |
| | **CM 500 V1** | 500 | Ø38 | 10 - 100 | 75 - 260 | 150 | ✓ | | 116 |
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| | **CT 300 V1** | 300 | Ø32 | 7 - 100 | 51 - 237 | 150 | X | | 222 |
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| | **KZ 1500** | 1500 | Ø63 | 13 - 125 | 78 - 302 | 150 | ✓ | | 256 |
| | **KZ 2400** | 2400 | Ø75 | 16 - 125 | 91 - 309 | 150 | ✓ | | 260 |
| | **KZ 4200** | 4200 | Ø95 | 16 - 125 | 94 - 312 | 150 | ✓ | | 266 |
| | **KZ 6600** | 6600 | Ø120 | 16 - 125 | 104 - 322 | 150 | ✓ | | 272 |
| | **KT 1000** | 1000 | Ø50 | 10 - 125 | 72 - 302 | 150 | ✓ | | 280 |
| | **KT 1500** | 1500 | Ø63 | 13 - 125 | 78 - 302 | 150 | ✓ | | 286 |
| | **KT 2400** | 2400 | Ø75 | 13 - 125 | 85 - 309 | 150 | ✓ | | 290 |
| | **KT 4200** | 4200 | Ø95 | 16 - 125 | 94 - 312 | 150 | ✓ | | 296 |
| | **KT 6600** | 6600 | Ø120 | 16 - 125 | 104 - 322 | 150 | ✓ | | 302 |
| | **KT 9500** | 9500 | Ø150 | 19 - 125 | 116 - 328 | 150 | ✓ | | 308 |
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| | **CW 320 V1** | 320 | Ø25 | 7 - 125 | 44 - 285 | 180 | X | | 318 |
| | **CW 350 V1** | 350 | Ø32 | 10 - 125 | 50 - 280 | 180 | ✓ | | 320 |
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| | **CS 3000 V2** | 3000 | Ø63 | 10 - 50 | 85 - 205 | 150 | X | | 412 |
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| | **CS 7500 V1** | 7500 | Ø95 | 10 - 50 | 90 - 255 | 150 | X | | 420 |
| | **CS 11800 V1** | 11800 | Ø120 | 10 - 50 | 100 - 260 | 150 | X | | 424 |
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| | **EFGL 24** | 10 - 90 | M24x1.5 | 7 - 125 | 56 - 295 | 180 | 502 |
| | **EFK 24** | 23 - 200 | M24x1.5 | 10 - 125 | 65 - 295 | 180 | 504 |
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| | **MBSD** | 5 - 20 | M5 - M16 | 1.5 - 4.5 | 13.5 - 26.5 | S45C (STEEL) | 510 |
| | **MBSL** | 2 - 10 | M5 - M16 | 1.5 - 4.5 | 13.5 - 26.5 | S45C (STEEL) | 510 |
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| 15 | | AFH | | | | | | | | |
| 19 | | AFJ | CP 150<br>CW 170 | | | | | | | |
| 20 | | AFK | | | | | | | | |
| 25 | | | AFC<br>AFNA<br>AF<br>CM 200<br>CK 200<br>CT 200 | | CP 300<br>CW 320 | CS 420 | | | | |
| M28x1.5 | | | AS 200 | | | | | | | |
| 32 | | | AG 150 | | CD 300<br>CM 300<br>CK 300<br>CT 300<br>AFT<br>CM 350<br>KZ 350<br>CW 350 | | CP 500 | CS 770 | | |
| M36x1 | | | | ASP 250 | | | | | | |
| 38 | | | | AG 250 | FD 300 | | CD 500<br>CM 500<br>KZ 500<br>CW 500<br>CT 550<br>CK 570 | CPH 850 | CP 1000<br>CS 1000 | |
| M38x1.5 | | | | | AS 300<br>ASP 300 | | | | | |
| 45 | | | | | | | AG 500<br>FD 500<br>CM 600 | CD 700<br>CK 750<br>KZ 750<br>CW 750<br>CWC 750 | CPH 1250 | |
| M45x1 | | | | | | | ASP 500 | | | |
| 50 | | | | | | | | AG 750<br>GN 750<br>FD 750 | CD 1000<br>CM 1000<br>CK 1000<br>CT 1000<br>KZ 1000<br>KT 1000<br>CW 1000<br>CWC 1000 | |
| 63 | | | | | | | | | | CD 1500<br>CM 1500<br>CK 1500<br>CT 1500<br>KZ 1500<br>KT 1500<br>CW 1500<br>CWC 1500 |
| 75 | | | | | | | | | | AG 1500<br>GN 1500<br>FD 1500 |
| 95 | | | | | | | | | | |
| 105 | | | | | | | | | | |
| 120 | | | | | | | | | | |
| 150 | | | | | | | | | | |
| 195 | | | | | | | | | | |

AZOL GAS

# SELECTION CHART

| Ø \ $F_0$ | 1700 - 2000 | 2400 - 2500 | 2800 - 3000 | 4000 - 4300 | 4700 - 5000 | 6500 - 6600 | 7500 - 8000 | 9500 - 10000 | 11800 | 18300 - 20000 |
|---|---|---|---|---|---|---|---|---|---|---|
| 12 | | | | | | | | | | |
| 15 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 25 | | | | | | | | | | |
| M28x1.5 | | | | | | | | | | |
| 32 | | | | | | | | | | |
| M36x1 | | | | | | | | | | |
| 38 | | | | | | | | | | |
| M38x1.5 | | | | | | | | | | |
| 45 | | | | | | | | | | |
| M45x1 | | | | | | | | | | |
| 50 | CPH 1700<br>CS 1800<br>CP 2000 | | | | | | | | | |
| 63 | | | CPH 2800<br>CP 3000<br>CS 3000 | | | | | | | |
| 75 | | CD 2400<br>KZ 2400<br>KT 2400<br>CW 2400<br>CWC 2400<br>CM 2500<br>CK 2500 | CT 3000 | CPH 4300 | CS 4700<br>CP 5000 | | | | | |
| 95 | | | AG 3000<br>GN 3000<br>FD 3000 | CM 4000<br>CK 4000<br>CD 4200<br>KZ 4200<br>KT 4200<br>CW 4200 | | | CS 7500<br>CP 8000 | | | |
| 105 | | | | | CT 5000 | | | | | |
| 120 | | | | | AG 5000<br>GN 5000<br>FD 5000 | CM 6500<br>CD 6600<br>KZ 6600<br>KT 6600<br>CW 6600 | | | CS 11800 | |
| 150 | | | | | | | AG 7500<br>GN 7500 | KT 9500<br>CW 9500<br>CD 9600<br>CM 10000 | CW 11800 | CS 18300 |
| 195 | | | | | | | | AG 10000 | | CD 18500<br>CW 20000 |

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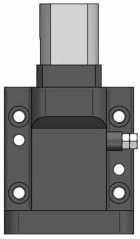
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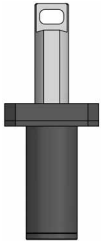
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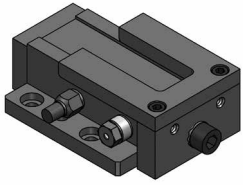


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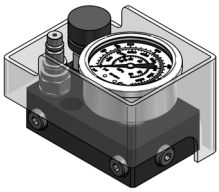
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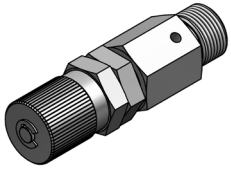
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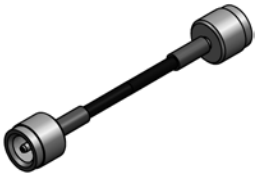
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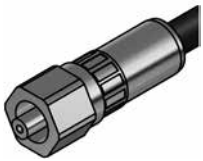
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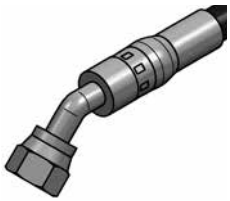
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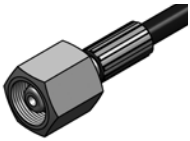
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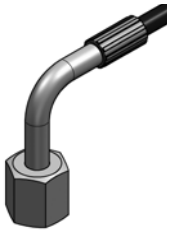
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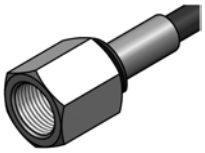
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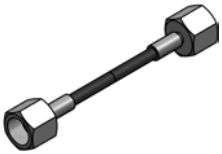
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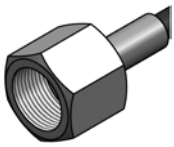
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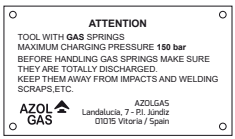
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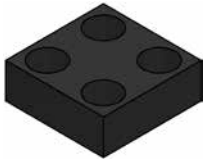
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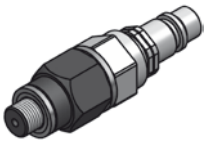
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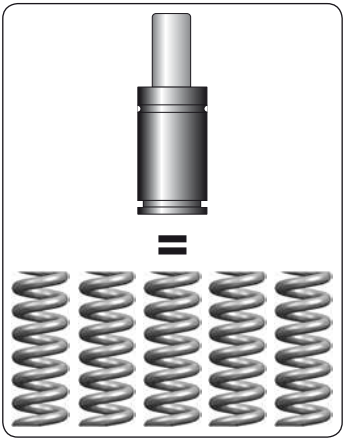
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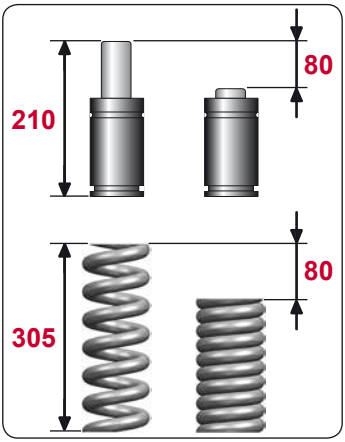
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# BENEFITS

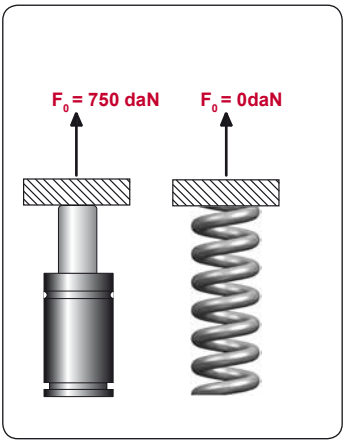
AZOL GAS



| | |
|---|---|
| ENG | Reduction of surface area used, height, and volume occupied. |
| DEU | Beansprucht weniger Nutzfläche, Höhe und Raum. |
| FRA | Réduction de la surface occupée, de l'espace en hauteur, et du volume total occuupée. |
| ITA | Riduzione della superficie occupata, dello spazio in altezza, del volume occupato. |
| ESP | Reducción de la superficie usada, de la altura, y del volumen ocupado. |
| POR | Redução da superficie ocupada, do espaço en altura, del volumen ocupado. |



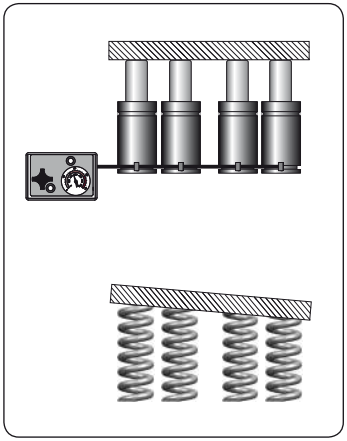

| | |
|---|---|
| ENG | Considerable height reduction for the same working deflection and force. Compact tool construction. |
| DEU | Beträchtlich niedrigere Höhe bei gleichem Hub und gleicher Kraft. Kompaktere Werkzeugentwicklung. |
| FRA | Réducion importante des encombrements en hauteur avec une course et une force équivalente. Construction plus compacte de l'outillage. |
| ITA | Notevole riduzione degli ingombri in altezza a parità di forza e corsa. Construzione dello stampo più compatta. |
| ESP | Reducción notable de la altura para fuerzas y carreras equivalentes. Construcción más compacta del troquel. |
| POR | Redução notável em altura com igual força e curso. Construção mais compacta da Ferramenta. |



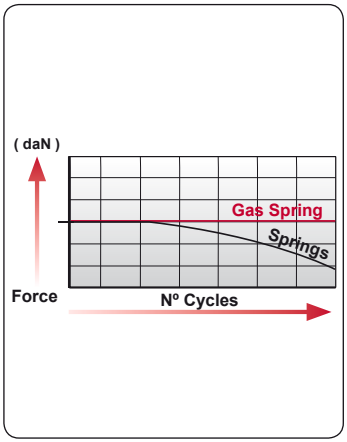

| | |
|---|---|
| ENG | Considerable reduction of retaining devices to preload. No preload required. |
| DEU | Kein Bedarf an Vorrichtungen für Vorspannung, Führung und Aufnahme. Das Vorspannen fällt komplett weg. |
| FRA | Réduction importante du nombre de dispositifs de précharge et guidage. Elimination de la précharge. |
| ITA | Eliminazione dei dispositivi di precarico e guidaggio. Eliminazione precarico. |
| ESP | Eliminación de los dispositivos de precarga y guíado. Eliminación de la precarga. |
| POR | Eliminação de dispositivos de pré-carga e guidamento. Eliminação da pré-carga. |

AZOL GAS

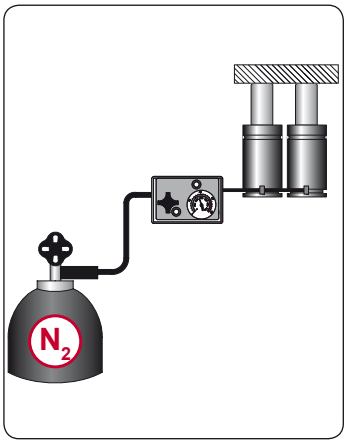
# BENEFITS



| | |
|---|---|
| ENG | Always the same force on each contact point. Forces may be positioned exactly where required. System may be continually pressure monitored. |
| DEU | Immer ausgeglichene und gleichförmige Kraft an allen Kontaktpunkten. Die angewandte Kraft ist für die exakte Stelle des Gesenks einstellbar. Ständig sichtbare Anzeige des Betriebsdrucks. |
| FRA | Force tojours équilibrée et égale en tous points de contact. Force que l'on peut positionner exactement là où elle est exigée dans l'outil. Visualisation continue de la pression dans le système. |
| ITA | Forza sempre bilanciata in tutti i punti di contatto. Forza posizionabile esattamente dove richiesto nello stampo. Visualizzazione continua della pressione. |
| ESP | Fuerza siempre equilibrada en cada punto de contacto. Fuerza posicionable en el troquel donde se require exactamente. Visualización continua de la presión. |
| POR | Força sempre equilibrada em todos os pontos de contacto. Força posicionáve exactamente onde é necessária na Ferramenta. Visualização continua da pressão. |



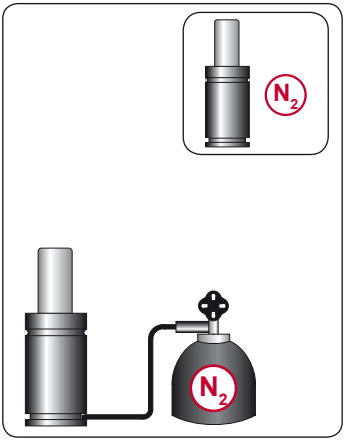

| | |
|---|---|
| ENG | Controlled production conditions on piece-parts during forming and drawing operations. Less rejection of piece-parts. |
| DEU | Bessere Kontrollmöglichkeit während des Form- bzw. Ziehprozesses des Werkstücks. Höhere Qualität der Pressteile. Weniger Ausschuss. |
| FRA | Un meilleur contrôle de la pièce pendant les phases de découpage et d'emboutissage. Une quantité moindre de rebuts en production. |
| ITA | Migliore controllo del materiale durante le fasi di formatura e imbutitura. Migliore qualità dei pezzi stampati. Minori scarti di produzione. |
| ESP | Mayor control de las condiciones de producción durante las operaciones de conformado y embutición. Mejor calidad de las piezas. Menores rechazos en piezas. |
| POR | Melhor controlo dos materiais durante a fase de formação e de cunhagem. Melhor qualidade das peças estampadas. Menores desperdicios na produção. |



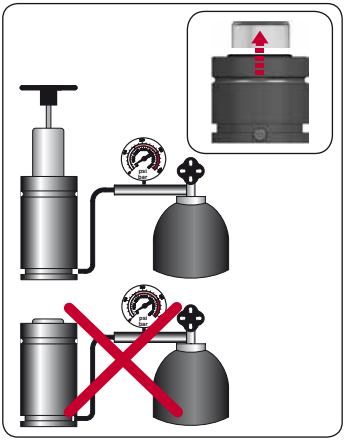

| | |
|---|---|
| ENG | Gas springs applied to provide the real forces required. Assurance of defined forces. The same cylinder may be re-used for different applications. |
| DEU | Gasdruckfedern können der genau erforderlichen Kraft angepasst werden. Derselbe Zylinder kann für mehrere verschiedene Arbeitsgänge eingesetzt werden. |
| FRA | Adaptation des ressorts à gaz aux forces réellement requises. Certitude des forces définies. Utilisation d'un même ressort à gaz dans des travaux différents. |
| ITA | Adeguamento dei cilindri alle forze realmente richieste. Utilizzo di uno stesso cilindro in lavori diversi. |
| ESP | Adecuación de los cilindros a las fuerzas realmente necesarias. Utilización de un mismo cilindro en trabajos distintos. |
| POR | Adaptação dos cilindros a las forças realmente necessárias. Utilização do mesmo cilindro em diferentes trabalhos. |

# OPERATING INSTRUCTIONS

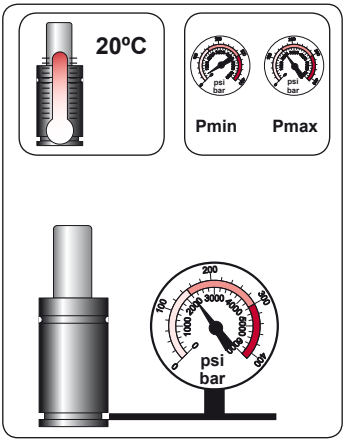
AZOL GAS




| | |
|---|---|
| ENG | Charge only with NITROGEN ($N_2$).<br>The use of other types of gas can result in high safety risks, failure of gas springs and personal injury |
| DEU | Gasdruckfedern dürfen nur mit Stickstoff befüllt werden.<br>Der Gebrauch eines anderen Füllmediums als Stickstoff birgt Sicherheitsrisiken, Fehlfunktionen der Gasdruckfedern und Gefahr für Personenschaden |
| FRA | Charge seulement avec du GAZ AZOTE ($N_2$).<br>L'utilisation d'un autre type de gaz peut entraîner de sérieux risques pour la sécurité, des défaillances des ressorts à gaz et des dommages aux personnes. |
| ITA | Caricare soltanto con GAS AZOTO ($N_2$).<br>L'uso di un altro tipo di gas può causare seri rischi di sicurezza, guasti dei cilindri di gas e danni alle persone. |
| ESP | Cargar únicamente con GAS NITROGENO ($N_2$).<br>El uso de otro tipo de gas puede ocasionar graves riesgos para la seguridad, fallos en los cilindros de gas y daños para las personas. |
| POR | Carregar somente com GÁS de NITROGÊNIO ($N_2$).<br>O uso de outro tipo de gás pode causar sérios riscos de segurança, falhas do cilindro de gás e danos às pessoas. |



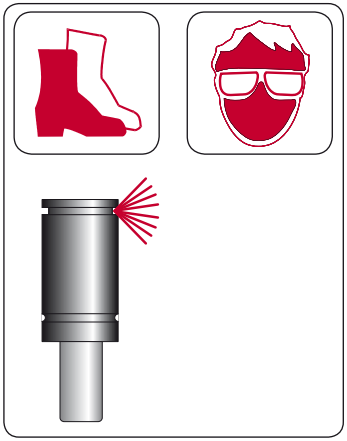
| | |
|---|---|
| ENG | Never fill a gas spring when the piston rod is not fully extended. |
| DEU | Befüllung der Gasdruckfeder nur bei voll ausgefahrener Kolbenstange. |
| FRA | Ne remplissez jamais un ressort où la tige n'est pas entièrement sortie. |
| ITA | Caricare il cilindro ad azoto solo quando lo stelo e' completamente estratto. |
| ESP | No cargar un cilindro de gas si el vástago no está completamente extendido. |
| POR | Não carregue o cilindro se a haste não estiver totalmente fora do cilindro. |



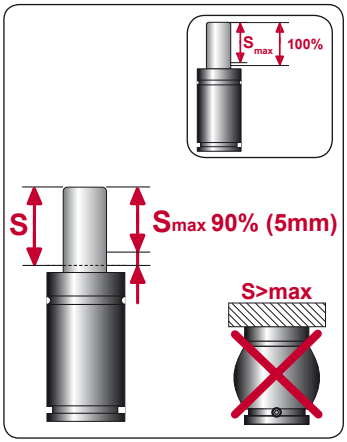

| | |
|---|---|
| ENG | Charge the gas spring between the minimum and the maximum allowable pressure, at a 20ºC temperature. |
| DEU | Gasdruckfedern dürfen nur zwischen dem minimal und maximal zulässigen Fülldruck befüllt werden, immer unter Berücksichtigung einer Umgebungstemperatur von 20ºC. |
| FRA | Chargez le ressort à gaz du minimum jusqu'à la pression maximale autorisée, à une température de 20ºC. |
| ITA | Caricare il cilindro ad azoto entro la pressione minima e massima autorizzata, ad una temperatura di 20ºC. |
| ESP | Cargar el cilindro de gas entre la máxima y mínima presión permitida, siempre teniendo en cuenta una temperatura de 20ºC. |
| POR | Sempre carregue o cilindro dentro do pressao mínimo e máximo autorizado, a uma temperatura de 20ºC. |

AZOL GAS

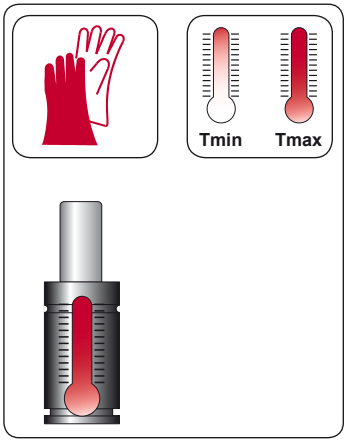
# OPERATING INSTRUCTIONS



| | |
|---|---|
| ENG | When discharging a gas spring point the gas flow away from operator or anybody else.<br>Use the appropriate tools and equipment when handling gas springs. |
| DEU | Beim Entladen Ventil nicht auf Personen richten.<br>Angemessene Werkzeuge und Ausrüstungen sind bei der Wartung der Gasdruckfedern zu benutzen. |
| FRA | Pendant la décharge, dirigez l'écoulement de gaz à l'écart de l'opérateur ou d'autre personne. Utilisez les outils et l'équipement appropriés pour manipuler les ressorts à gaz. |
| ITA | Durante lo scarico, orientare il flusso del gas in direzione opposta all'operatore ad altra persona. Utilizzare gli strumenti e le attrezzature appropriate durante la manipolazione delle molle a gas. |
| ESP | Durante la descarga, orientar el flujo de gas fuera del alcance del operador o de cualquier persona. Utilice las herramientas y equipos apropiados cuando manipule los cilindros de gas. |
| POR | Durante a descarga do cilindro aponte o fluxo de gás fora do alcance do operador ou qualquer outra pessoa. Use as ferramentas e equipamentos apropriados ao manipular molas de gás. |



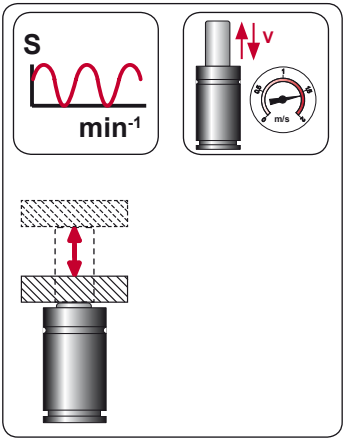

| | |
|---|---|
| ENG | Maximum recommended stroke 90%. Minimum stroke reserve: up to stroke 50mm (10%), over stroke 50 mm (5 mm). Overstroke >100% would cause damages to the cylinder and serious risks. |
| DEU | Maximal empfohlener Arbeitshub = 90%. Mindesthubreserve: bis Hub 50 mm (10%), und bei Hüben grösser als 50 mm (5 mm). Überhub >100% schadet der Gasdruckfeder und birgt große Risiken für Gesundheit und Leben von Personen. |
| FRA | Course recommandée maximale 90%. Réserve de course minimale: jusqu'à course 50 mm (10%), sur course 50 mm (5 mm). Une course >100% causerait des dommages au cylindre et de graves risques. |
| ITA | Corsa massima consigliata 90%. Riserva obbligatoria de corsa: fino a corsa 50mm (10%), più di corsa di 50 mm (5 mm). Un utilizzo >100% della corsa causa danni al cilindro e gravi rischi per la sicurezza. |
| ESP | Carrera máxima recomendada 90%. Reserva de carrera mínima: hasta carrera 50 mm (10%), y superior a carrera 50 mm (5 mm). Excesos de carrera > 100% causarían daños al cilindro y graves riesgos. |
| POR | Curso de trabalho máximo recomendado de 90%. Reserva mínima de curso: até curso 50mm (10%), sobre curso 50 mm (5 mm). Curso >100% causará danos ao cilindro e riscos graves. |



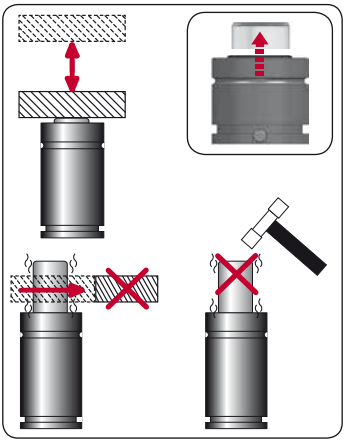

| | |
|---|---|
| ENG | Respect the limits of the operating temperature.<br>When operating, gas springs become heated.<br>Always wear safety gloves to handle gas springs. |
| DEU | Die Grenzen der Arbeitstemperatur sind zu berücksichtigen.<br>Während der Arbeitszyklen erhitzen sich die Gasdruckfedern.<br>Sicherheitshandschuhe sind bei der Wartung der Gasdruckfedern immer zu tragen. |
| FRA | Respecter les limites de température de fonctionnement.<br>Les ressorts à gaz sont chauffés pendant le fonctionnement.<br>Toujours utiliser des gants de sécurité pour la manipulation des ressorts. |
| ITA | Rispettare i limiti di temperatura di funzionamento.<br>Le molle a gas sono riscaldati durante il funzionamento.<br>Utilizzare sempre guanti di sicurezza per la manipolazione delle molle. |
| ESP | Respetar los límites de temperatura de funcionamiento.<br>Los cilindros de gas se calientan durante su funcionamiento.<br>Utilice siempre guantes de seguridad para manipular los cilindros. |
| POR | Respeitar os limites de temperatura de funcionamento.<br>Os cilindros de gás são aquecidas durante a operação.<br>Utilize sempre luvas de segurança para manuseio de cilindros de gás. |

# OPERATING INSTRUCTIONS

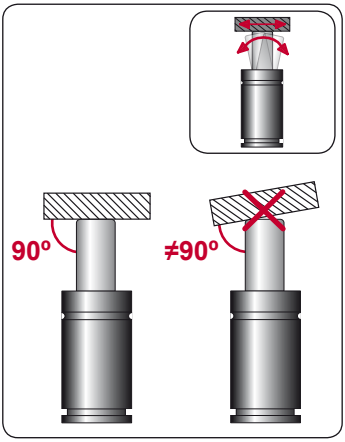
AZOL GAS




| | |
|---|---|
| ENG | Do not exceed the maximum allowed stroke speed.<br>Maximum allowed cycles per minute should never be exceeded. |
| DEU | Die maximal zulässige Kolbengeschwindigkeit ist nicht zu überschreiten.<br>Die maximale Hubfrequenz sollte nicht überschritten werden. |
| FRA | Ne dépassez pas la vitesse maximale de course autorisée.<br>Les cycles par minute maximales autorisées ne doit jamais être dépassée. |
| ITA | Non superare la velocità massima di corsa autorizzata.<br>I cicli massime autorizzate al minuto non deve mai essere superata. |
| ESP | No superar la velocidad máxima de carrera.<br>El número de ciclos por minuto permitidos no debe superarse. |
| POR | Não exceda a velocidade máxima do curso autorizada.<br>Os ciclos máximos autorizados por minuto não deve ser excedido. |



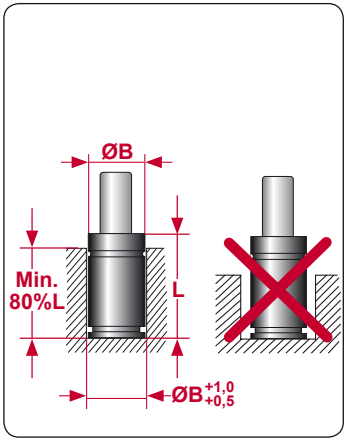
| | |
|---|---|
| ENG | Avoid freely release of the piston rod, this would cause damages to the gas spring. Do not check the force of gas springs by using whatever impact on piston rod. |
| DEU | Ein freier Rückhub muss vermieden werden, um Beschädigungen an der Gasdruckfeder zu vermeiden. Kraft der Gasdruckfedern nicht mit Gegenständen prüfen, die Schaden an der Kolbenstange verursachen könnten. |
| FRA | Évitez le dégagement libre de la tige de piston, ceci endommagerait le ressort à gaz. Ne pas vérifier la force des ressorts à gaz en utilisant tout impact sur la tige. |
| ITA | Evitare il ritorno libero dello stelo, per non danneggiare il cilindro ad azoto. Non controllare la forza delle molle a gas utilizzando qualsiasi impatto sulla stelo. |
| ESP | Evitar el retorno libre del vástago, esto dañaría al cilindro de gas. No verificar la fuerza de los cilindros de gas usando cualquier impacto sobre el vástago. |
| POR | Evite que a haste trabalhe livremente, isto causará danos ao cilindro. Não verifique a força das molas de gás usando qualquer impacto sobre a haste. |



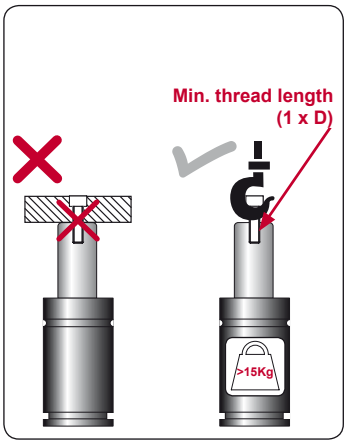

| | |
|---|---|
| ENG | Gas springs must always work completely perpendicular to the contact surface. Side loads increase wearing and reduce life expectancy. |
| DEU | Die Gasdruckfedern sollten stets senkrecht zur Kontaktfläche arbeiten. Seitliche Kräfte erhöhen die Abnutzung der Komponenten und verringern die Standzeiten wesentlich. |
| FRA | Les ressorts doivent toujours fonctionner complètement perpendiculaire à la surface de contact. Les charges latérales augmentent l'usure et réduisent la durée de vie. |
| ITA | Le molle a gas devono funzionare sempre completamente il perpendicolare alla superficie di contatto. I carichi laterali aumentano l'usura e ne riducono la durata. |
| ESP | Los cilindros de gas deben siempre trabajar de manera perpendicular a la superficie de contacto. Las cargas laterales aumentan el desgaste y reducen la vida útil. |
| POR | Os cilindros devem sempre trabalhar de forma perpendicular à superfície de contato. As forças laterais aumentam o desgaste e reduzem a vida útil do cilindro. |

AZOL GAS

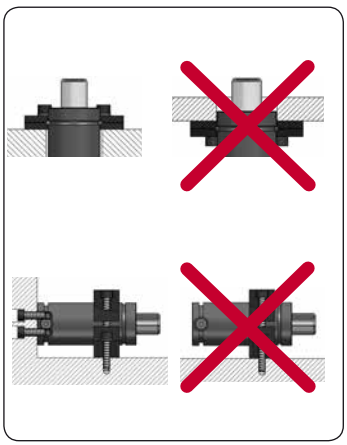
# OPERATING INSTRUCTIONS




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|---|---|
| ENG | When the gas springs are installed into a bored pocket, the bored pocket diameter should not exceed 1mm larger than the gas spring body diameter. And the bore pocket depth must be minimum 80% of L. |
| DEU | Werden Gasdruckfedern in einer Vertiefung eingebaut, sollte der Bohrungsdurchmesser nur 1 mm grösser als der Federdurchmesser sein. Die Kaverne sollte mindestens 80% von L betragen. |
| FRA | Quand les ressorts sont installés dans une poche, le diamètre de poche ne devrait pas dépasser 1 mm de plus que le diamètre de corps du ressort. Et la profondeur de la poche doit être au minimum de 80% de L. |
| ITA | Quando le molle a gas sono installate in una sede alesata, il diametro alesato della stessa non deve essere superiore di 1mm, rispetto al diametro del corpo della molla a gas. E la profondità della sede alesata deve essere di almeno 80% di L. |
| ESP | Cuando los cilindros de gas se instalan en una cajera, el diámetro de la cajera no debería exceder 1mm de la dimension del cuerpo del cilindro de gas. Y la profundidad de la cajera debe ser como mínimo el 80% de L. |
| POR | Quando o cilindro for instalado dentro de um alojamento, o diâmetro do mesmo não pode exceder 1mm do diâmetro do corpo do cilindro. E a profundidade do alojamento deve ser no mínimo 80% de L. |



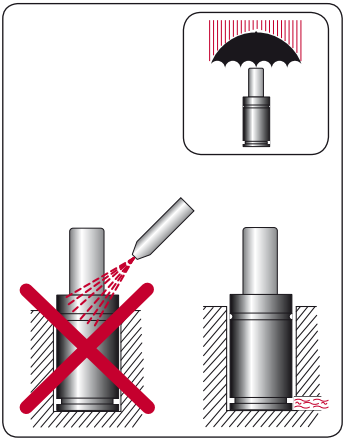

| | |
|---|---|
| ENG | Do not use the rod threaded hole for fixing the gas spring into the tool. This hole is only to be used for maintenance operations or transport. (Gas springs heavier than 15 kgs are marked according to VDI). |
| DEU | Das Gewinde in der Kolbenstange hat lediglich eine Wartungs- und/ oder Transportfunktion. Es darf nie zur Befestigung der Gasdruckfeder benutzt werden. (Gasdruckfedern mit einem Gewicht >15 kg sind VDI-konform gekennzeichnet) |
| FRA | N'employez pas le trou fileté de la tige pour la fixation du ressort dans l'outil, seulement pour des opérations d'entretien ou transport. (Ressorts à gaz de plus de 15 kg sont marqués selon VDI). |
| ITA | Non utilizzare il foro filettato dello stelo per fissare il cilindro allo stampo, solamente per gli interventi di manutenzione o transporto. (Molle a gas più pesante di 15 kg sono marcati in conformità VDI). |
| ESP | No usar el agujero roscado del vástago para la fijación del cilindro al útil, sólo para operaciones de mantenimiento o transporte. (Cilindros con peso superior a 15 kg se marcan de confirmidad a VDI). |
| POR | Não use o furo rosqueado da haste para fixar o cilindro, só deve ser utilizado em serviços de manutenção ou transporte. (molas a gás com peso > 15 kg são marcadas de acordo com a VDI). |



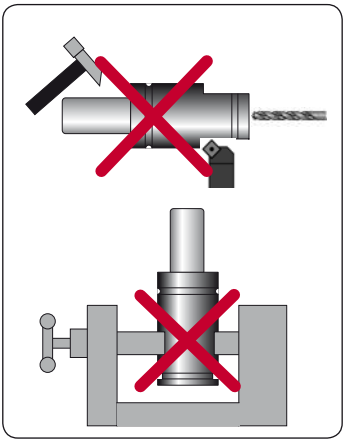
| | |
|---|---|
| ENG | Fix the gas spring into the tool through the appropriate mount. The base should be supported at all the times. A flat surface against the base is always required. |
| DEU | Die Befestigung der Gasdruckfeder ist mittels angemessener Befestigungsflansche vorzunehmen. Die Gasdruckfeder sollte stets bodengestützt sein. Eine ebene Stützfläche ist immer erforderlich. |
| FRA | Fixez le ressort à gaz dans l'outil par la bride appropriée. La base doit être soutenue à tout moment. Une surface plane contre la base est toujours nécessaire. |
| ITA | Fissare i cilindri ad azoto solamente con gli specifici elementi di fissagio. E 'sempre consigliato di sostenere la base del cilindro del gas contro una superficie piana. |
| ESP | Fijar el cilindro de gas al útil mediante las bridas adecuadas. Se recomienda siempre apoyar la base del cilindro de gas contra una superficie plana. |
| POR | Fixe o cilindro na ferramenta com a flange adequada. É sempre recomendável para apoiar a base do cilindro de gás contra uma superfície plana. |

# OPERATING INSTRUCTIONS

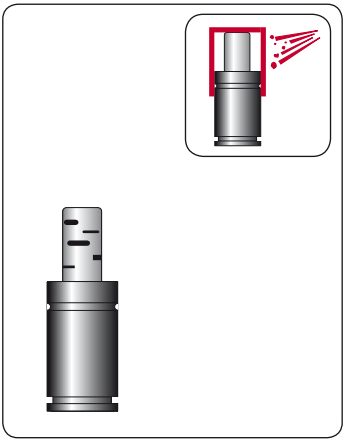
AZOL GAS



| | |
|---|---|
| ENG | Protect the gas springs from solid or liquid contaminants. Provide adequate drainage in gas springs pockets. |
| DEU | Schützen Sie die Gasdruckfedern vor Kontakt mit festen oder flüssigen Verschmutzungen. Bei Einbau in Vertiefungen müssen Drainage-Kanäle eingebracht werden. |
| FRA | Protégez les ressorts à gaz contre les contaminants solides ou liquides. Un drainage dans les poches des ressorts est recommandé. |
| ITA | Proteggere i cilindri ad azoto da ogni contaminazione solida o liquida. E' suggerito uno scarico sufficiente nel caso di sede alesata. |
| ESP | Proteger los cilindros de gas de contaminantes sólidos o líquidos. Proporcionar drenaje adecuado a las cajeras donde se instalan los cilindros. |
| POR | Proteja os cilindros de contaminadores sólidos ou líquidos Recomenda-se a drenagem dos alojamentos. |



| | |
|---|---|
| ENG | Avoid whatever impact and do not make any mechanical work on the gas spring body or piston rod. |
| DEU | Die Gasdruckfedern immer - insbesondere Gehäuse und Kolbenstangen - vor mechanischen Schlägen oder Beschädigungen schützen. |
| FRA | Evitez quelqu'impact que ce soit et ne faites aucun travail mécanique sur la tige ou le corps du ressort à gaz. |
| ITA | Evitare ogni lavoro meccanico ed ogni danneggiamento al corpo e allo stello della molla a gas. |
| ESP | Evitar cualquier impacto o trabajo mecánico en el cuerpo o vástago del cilindro. |
| POR | Evite qualquer impacto ou trabalho mecânico tanto na haste como no corpo do cilindro. |



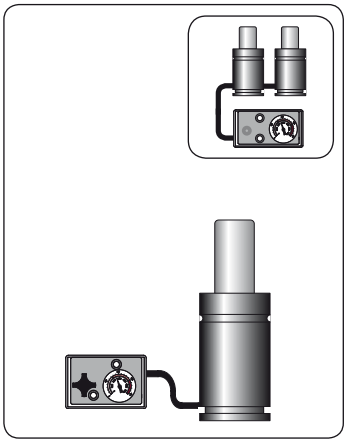
| | |
|---|---|
| ENG | Gas springs with scratches on the piston rod surface should be replaced. |
| DEU | Gasdruckfedern mit Beschädigungen auf der Kolbenstangenoberfläche müssen ersetzt werden. |
| FRA | Des ressorts à gaz avec des éraflures sur la surface de la tige devraient être remplacés. |
| ITA | Le molle a gas con graffi sulla superficie dello stelo devono essere sostituite. |
| ESP | Los cilindros de gas con marcas en la superficie del vástago deberían reemplazarse. |
| POR | O cilindro que apresentarem riscos na haste a mesma deverá ser substituída. |

AZOL GAS

# OPERATING INSTRUCTIONS



| | |
|---|---|
| ENG | Gas springs maintenance must be carried out only by skilled personnel, with the appropriate training, and always following the operating and service instructions from Azolgas. |
| DEU | Die Wartung an den Gasdruckfedern darf ausschließlich von geschulten Mitarbeitern durchgeführt werden. Die fachlichen Hinweise, Vorgaben und Anweisungen von Azolgas müssen unbedingt und jederzeit befolgt werden. |
| FRA | L'entretien des ressorts à gaz doit être effectué uniquement par du personnel habilité, ayant les formations requises, et cela en respectant toujours les instructions de service d'Azolgas. |
| ITA | La manutenzione delle molle a gas deve essere effettuata solo da personale esperto, con preparazione specifica e sempre seguendo le istruzioni di servizio di Azolgas. |
| ESP | El mantenimiento de los resortes de gas debe ser efectuado por personal cualificado, con la debida formación, y siguiendo las instrucciones de utilización y mantenimiento de Azolgas. |
| POR | A manutenção dos cilindros deve ser realizada somente por pessoas qualificadas, com treinamento apropriado, e seguindo as instruções de funcionamento e manutenção da Azolgas. |



| | |
|---|---|
| ENG | Most of Azolgas gas springs could be used into linked systems. Linked systems allow users to easily monitor, control and adjust pressure. |
| DEU | Die meisten Azolgas-Gasdruckfedern können durch Verschlauchung in einem Verbundsystem genutzt werden. Dieses erleichtert das Steuern, Ablesen und Anpassen des Druckes. |
| FRA | La plupart des ressorts à gaz Azolgas peuvent être utilisés dans les systèmes reliés. Cela permet facilement aux utilisateurs de surveiller, contrôler et ajuster la pression. |
| ITA | La maggior parte delle molle a gas della Azolgas possono essere utilizzate in sistemi collegati, che permettono agli utenti di verificare, controllare ed intervenire sulla pressione. |
| ESP | La mayoría de los cilindros de gas Azolgas pueden ser usados en sistemas conexionados, permitiendo al usuario la fácil monitorización, control y ajuste de presión. |
| POR | A maioria dos cilindros Azolgas pode ser utilizado em sistemas interligados, permitindo ao usuário fácil monitoramento e controla da pressão. |




| | |
|---|---|
| ENG | Designed and manufactured according PED 2014/68/EU. The user of gas springs is responsible for installation and future inspections to be made to the springs in accordance with the regulations of the country where they will be used. Azolgas recommend to replace gas springs after 2 million strokes/10 years. |
| DEU | Die Gasdruckfedern von Azolgas sind entwickelt und hergestellt nach der Druckgeräte-Richtlinie PED 2014/68/EU. Der Benutzer hat dafür zu sorgen, dass die nationalen Richtlinien bezüglich Inbetriebnahme, Wartung und wiederholten Prüfungen unbedingt eingehalten werden. Azolgas empfiehlt, die Gasdruckfedern nach 2 Millionen Hüben spätestens aber nach 10 Jahren zu ersetzen. |
| FRA | Conçu et fabriqué selon PED 2014/68/EU. L'utilisateur des ressorts à gaz est responsable de l'installation et de futures inspections qui doivent être faits pour les ressorts à gaz conformément à la réglementation du pays où ils seront utilisés. Azolgas recommandent de remplacer des ressorts après 2 millions de cycles/10 années. |
| ITA | Progettato e prodotto secondo PED 2014/68/EU. L'utente delle molle a gas é responsabile per l'installazione e le future ispezioni da effettuare per le molle a gas, secondo le norme del paese in cui verranno utilizzati. Azolgas suggerisce di sostituire le molle a gas dopo 2 milioni di colpi/10 anni. |
| ESP | Diseñado y fabricado según PED 2014/68/EU. El usuario del equipo a presión deberá responsabilizarse de la instalación y de las futuras inspecciones a efectuar a dicho equipo de acuerdo con la normativa específica del país en el que vaya a utilizarse. Azolgas recomienda reemplazar los cilindros de gas después de 2 millones de ciclos/10 años. |
| POR | Projetado e fabricado de acordo com a PED 2014/68/EU. O usuário dos cilindros a gás é responsável pela instalação e inspecções futuras a serem feitas para os cilindros, de acordo com as normas do país onde eles serão utilizados. Azolgas recomenda a troca dos cilindros após 2 milhões de ciclos/10 anos. |

# HOW TO USE THE CATALOGUE

AZOL GAS

1 2

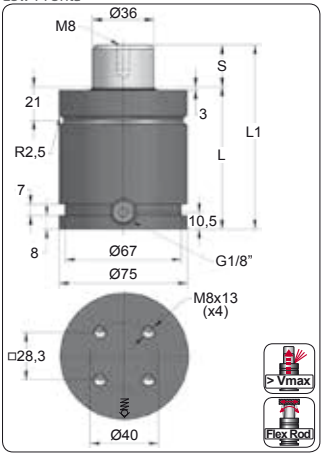


## FD 1500 V2

*Low Profile*

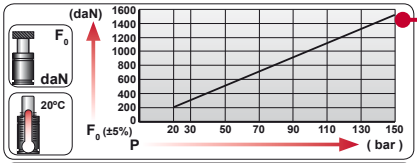
RENAULT EM24.54.700

AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| FD 1500 025 V2 | 25 | 110 | 85 | 1.94 |
| FD 1500 032 V2 | 32 | 124 | 92 | 2.04 |
| FD 1500 038 V2 | 38 | 136 | 98 | 2.13 |
| FD 1500 050 V2 | 50 | 160 | 110 | 2.31 |
| FD 1500 063 V2 | 63.5 | 187 | 123.5 | 2.50 |
| FD 1500 080 V2 | 80 | 220 | 140 | 2.75 |
| FD 1500 100 V2 | 100 | 260 | 160 | 3.41 |
| FD 1500 125 V2 | 125 | 310 | 185 | 4.75 |

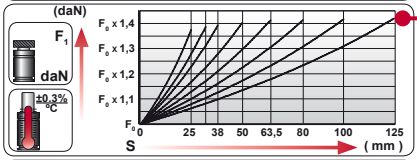
5




6

| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| FD 1500 050 V2 | 150 | 2145 | 1530 | 2140 |
| FD-H 1500 050 V2 | 0 | 0 | --- | --- |

3




7

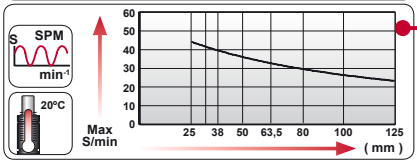
| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN | S mm

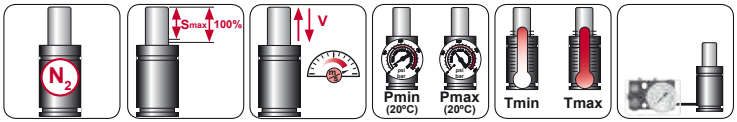
FD 1500 50

FD 1500 050 V2

4




8




| N2 | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC 0 | ºF 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|---|

9 10 11 12 13 14

AZOL GAS

# HOW TO USE THE CATALOGUE

## 1

| | |
|---|---|
| ENG | MODEL |
| DEU | MODELL |
| FRA | MODÈLE |
| ITA | MODELLO |
| ESP | MODELO |
| POR | MODELO |

## 2

| | |
|---|---|
| ENG | VERSION |
| DEU | VERSION |
| FRA | VERSION |
| ITA | VERSIONE |
| ESP | VERSIÓN |
| POR | VERSÃO |

## 3

| | |
|---|---|
| ENG | FILLING PRESSURE |
| DEU | FÜLLDRUCK |
| FRA | PRESSION DE REMPLISSAGE |
| ITA | PRESSIONE DI CARICAMENTO |
| ESP | PRESIÓN DE CARGA |
| POR | PRESSÃO DE CARGA |

## 4

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

## 5

| | |
|---|---|
| ENG | PED 2014/68/EU - EU DIRECTIVE |
| DEU | PED 2014/68/EU - EU RICHTLINIE |
| FRA | PED 2014/68/EU - DIRECTIVE EU |
| ITA | PED 2014/68/EU - DIRETTIVA EU |
| ESP | PED 2014/68/EU - DIRECTIVA EU |
| POR | PED 2014/68/EU - DIRECTIVA EU |

## 6

| | |
|---|---|
| ENG | INITIAL FORCE PER CHARGE PRESSURE |
| DEU | ANFANGSKRAFT ABHÄNGIG VOM DRUCK |
| FRA | FORCE INITIALE PAR PRESSION DE CHARGE |
| ITA | FORZA INIZIALE PER PRESSIONE DELLA CARICA |
| ESP | FUERZA INICIAL SEGÚN LA PRESIÓN DE CARGA |
| POR | FORÇA INICIAL CONFORME A PRESSÃO DE CARGA |

## 7

| | |
|---|---|
| ENG | PRESSURE RISE PER STROKE USED |
| DEU | HUBABHÄNGIGES DRUCKAUFBAUDIAGRAMM |
| FRA | AUGMENTATION DE PRESSION PAR COURSE UTILISÉE |
| ITA | AUMENTO DI PRESSIONE IN FUNZIONE DELLA CORSA |
| ESP | AUMENTO DE PRESIÓN EN FUNCIÓN DE LA CARRERA |
| POR | AUMENTO DA PRESSÃO EM FUNÇÃO DO CURSO |

## 8

| | |
|---|---|
| ENG | MAX. RECOMMENDED STROKES/MINUTE |
| DEU | MAX.ZULÄSSIGE HÜBE/MINUTE |
| FRA | MAX. CYCLES/MINUTE RECOMMANDÉ |
| ITA | CADENZA MAX. CORSA/MINUTO CONSIGLIATA |
| ESP | CADENCIA MAX. RECOMENDADA CARRERAS/MINUTO |
| POR | CADÊNCIA MÁX. RECOMENDADA CICLOS/MINUTO |

## 9

| | |
|---|---|
| ENG | PRESSURE MEDIUM |
| DEU | DRUCK-MEDIUM |
| FRA | GAZ DE CHARGEMENT |
| ITA | GAS DI CARICAMENTO |
| ESP | GAS DE CARGA |
| POR | GÁS DE CARGA |

## 10

| | |
|---|---|
| ENG | MAX. RECOMMENDED USE OF THE STROKE |
| DEU | MAX. EMPFOHLENER ARBEITSHUB |
| FRA | MAX. UTILISATION DE LA COURSE RECOMMANDÉ |
| ITA | USO SUGGERITO MASSIMO DELLA CORSA |
| ESP | MAX. UTILIZACION DE LA CARRERA RECOMENDADA |
| POR | UTILIZAÇÃO MÁXIMA DE CURSO RECOMENDADO |

## 11

| | |
|---|---|
| ENG | MAX. SPEED (METERS/SECOND) |
| DEU | MAX. KOLBENGESCHWINDIGKEIT (m/s) |
| FRA | MAX. VITESSE (MÈTRES/SECONDE) |
| ITA | VELOCITÀ MASSIMA (METRI/SECONDO) |
| ESP | VELOCIDAD MÁXIMA (METROS/SEGUNDO) |
| POR | VELOCIDADE MÁXIMA (METROS/SEGUNDO) |

## 12

| | |
|---|---|
| ENG | MIN-MAX. CHARGING PRESSURE |
| DEU | MIN-MAX. FÜLLDRUCK |
| FRA | MIN-MAX. PRESSION DE CHARGEMENT |
| ITA | MIN-MAX. PRESSIONE DI CARICAMENTO |
| ESP | MIN-MAX. PRESIÓN DE CARGA |
| POR | MIN-MAX. PRESSÃO DE CARGA |

## 13

| | |
|---|---|
| ENG | MIN-MAX. WORKING TEMPERATURE |
| DEU | MIN.-MAX. ARBEITSTEMPERATUR |
| FRA | MIN-MAX. TEMPÉRATURE DU TRAVAIL |
| ITA | MIN-MAX. TEMPERATURA DI FUNZIONAMENTO |
| ESP | MIN-MAX. TEMPERATURA DE TRABAJO |
| POR | MIN-MAX. TEMPERATURA DE TRABALHO |

## 14

| | |
|---|---|
| ENG | OPTION PIPING. RECOMMENDED CONTROL PANEL |
| DEU | VERSCHLAUCHUNG OPTIONAL - KONTROLLARMATUR EMPFOHLEN |
| FRA | OPTION RACCORDEMENT. PANNEAU RECOMMANDÉ |
| ITA | OPZIONE COLLEGAMENTO. PANNELLO SUGGERITO |
| ESP | OPCIÓN CONEXIONADO. PANEL RECOMENDADO |
| POR | OPÇÃO INTERLIGADO. PAINEL RECOMENDADO |

# HOW TO USE THE CATALOGUE

AZOL GAS

15



AZOL GAS

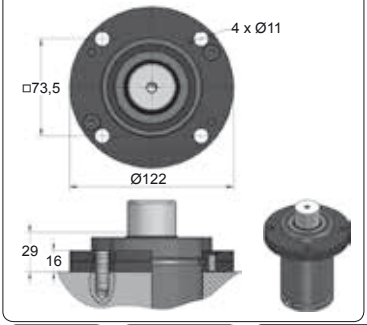
## FD 1500 V2 *MOUNTS*

*Low Profile*

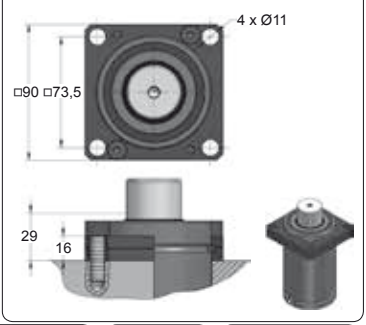
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MODEL | X | CW 2400 KZ 2400 | X | CT 2500 CK 2500 FD 1500 | GN 1500 CM 2500 CD 2400 | AG 1500 | CPH 4300 CP 5000 | CS 4700 |
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |
| | | L1=145 L1=159 | | L1=154 L1=160 L1=160 | L1=185 L1=195 L1=210 | L1=210 | L1=175 L1=200 | L1=240 |

16

### A14-075




### A34-075

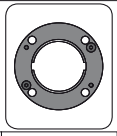


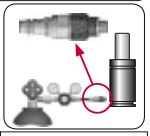

17









| CODE | FD 1500 050 V2 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-075 | 18 CG 1-Q |
|---|---|---|---|---|
| ENG ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

18 19 20 21

AZOL GAS

# HOW TO USE THE CATALOGUE

## 15

| | |
|---|---|
| ENG | SERIES CHART |
| DEU | ÜBERSICHTSTABELLE |
| FRA | TABLEAU DE SÉRIES |
| ITA | TABELLA DI SERIE |
| ESP | COMPARATIVA DE SERIES |
| POR | COMPARATIVO DAS SÉRIES |

## 16

| | |
|---|---|
| ENG | MOUNTS |
| DEU | FLANSCHE |
| FRA | BRIDES |
| ITA | FLANGE |
| ESP | BRIDAS |
| POR | FIXAÇAO |

## 17

| | |
|---|---|
| ENG | MOUNTS STANDARDS |
| DEU | FLANSCHNORMEN |
| FRA | NORMES DE BRIDES |
| ITA | STANDARS DELLE FLANGE |
| ESP | ESTÁNDARDS DE BRIDAS |
| POR | PADRÕES DE FLANGES |

## 18

| | |
|---|---|
| ENG | ORDER GAS SPRING |
| DEU | BESTELLUNG GASDRUCKFEDER |
| FRA | COMMANDE RESSORT À GAZ |
| ITA | ORDINE CILINDRO AD AZOTO |
| ESP | PEDIDO CILINDRO DE GAS |
| POR | PEDIDO DE CILINDRO DE NITROGÊNIO |

## 19

| | |
|---|---|
| ENG | ORDER REPAIR KIT |
| DEU | BESTELLUNG DICHTSATZ |
| FRA | COMMANDE KIT DE RÉPARATION |
| ITA | ORDINE KIT DI MANUTENZIONE |
| ESP | PEDIDO KIT DE REPARACIÓN |
| POR | PEDIDO DE KIT DE MANUTENÇÃO |

## 20

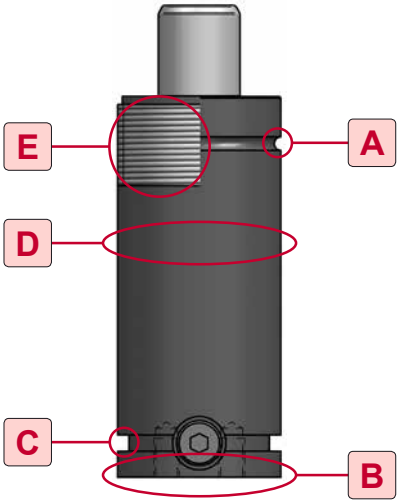
| | |
|---|---|
| ENG | ORDER MOUNT |
| DEU | BESTELLUNG FLANSCHE |
| FRA | COMMANDE BRIDE |
| ITA | ORDINE FLANGE |
| ESP | PEDIDO BRIDA |
| POR | PEDIDO DE FLANGE |

## 21

| | |
|---|---|
| ENG | ORDER CHARGING ADAPTER |
| DEU | BESTELLUNG BEFÜLLADAPTER |
| FRA | COMMANDE RACCORD DE CHARGE |
| ITA | ORDINE ADATTATORE DI CARICO |
| ESP | PEDIDO ADAPTADOR DE CARGA |
| POR | PEDIDO DE ADAPTADOR DE CARGA |

# MOUNTING GUIDELINES

AZOL GAS




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




A TYPE | 14 MODEL | 50 Ø

A 14 050

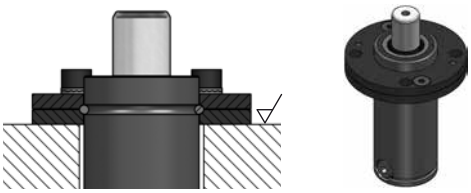
## MOUNT SAFETY GUIDELINES

| | |
|---|---|
| ENG | • Mount installation is critical to achieve safety working performance of gas springs.<br>• Fix the gas spring into the tool through the appropriate mount.<br>• Follow the operating instructions about mount assembling and mount installation.<br>• Make sure the correct mount installation by regular inspections during the lifetime use. |
| DEU | • Einbausituation ist kritisch, um eine sichere Arbeitsweise der Gasdruckfeder zu gewährleisten.<br>• Die Gasdruckfeder ist mit einem angemessenen Flansch am Werkzeug zu befestigen.<br>• Den Betriebsanleitungen zum Zusammen- und Einbau der Flansche ist Folge zu leisten.<br>• Die korrekte Flanschbefestigung ist während der Gdf-Lebensdauer durch regelmässige Überprüfungen sicherzustellen. |
| FRA | • L'installation des brides est essentielle pour garantir la sécurité de fonctionnement des ressorts à gaz.<br>• Fixez le ressort à gaz dans l'outil par la bride appropriée.<br>• Suivez les instructions concernant le montage des brides et l'installation des brides.<br>• Assurez-vous que l'installation des brides est correcte par des inspections régulières pendant la durée de vie. |
| ITA | • L'installazione di flange è fondamentale per ottenere prestazioni di lavoro di sicurezza di molle a gas.<br>• Fissare i cilindri ad azoto solamente con gli specifici elementi di fissagio.<br>• Seguire le istruzioni per il fissaggio di flange e l'installazione di flange.<br>• Assicurarsi che l'installazione di flage è corretta mediante ispezioni regolari durante l'uso. |
| ESP | • La instalación de las bridas es crítica para lograr un fucionamiento de trabajo seguro.<br>• Fijar el cilindro de gas al útil mediante las bridas adecuadas.<br>• Siga las instrucciones de montaje de las bridas e instalación de las bridas.<br>• Asegurarse de la correcta instalación de las bridas mediante inspecciones periódicas durante su uso. |
| POR | • A instalação das montagens é fundamental para garantir a segurança do funcionamento das molas a gás.<br>• Fixe o cilindro na ferramenta com a flange adequada.<br>• Siga as instruções sobre montagem de flange e instalação de flange.<br>• Certifique-se de que a instalação do flange esteja correta por meio de inspeções regulares durante o uso da vida útil. |

AZOL GAS

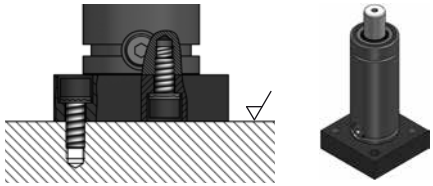
# MOUNTING GUIDELINES

## A



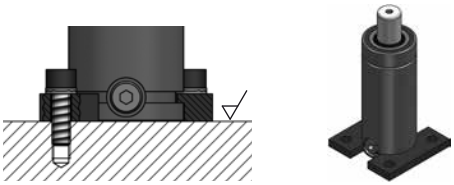
| | |
|---|---|
| ENG | UPPER ROUND GROOVE FLANGE |
| DEU | BUNDFLANSCH |
| FRA | COLLERETTE POUR GORGE RONDE SUPÉRIEURE |
| ITA | FLANGIA PER SCANALATURA ROTONDA SUPERIORE |
| ESP | BRIDA PARA CAJERA SUPERIOR REDONDA |
| POR | FLANGE PARA O SULCO REDONDO SUPERIOR |

## B



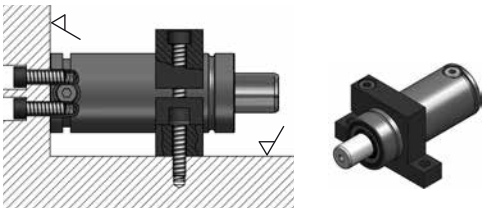
| | |
|---|---|
| ENG | BOTTOM MOUNT PLATE |
| DEU | BODENBEFESTIGUNGSPLATTE |
| FRA | PLAQUE FIXATION INFÉRIEURE |
| ITA | BASE INFERIORE DI FISSAGGIO |
| ESP | BASE INFERIOR DE FIJACIÓN |
| POR | PLACA INFERIOR DA MONTAGEM |

## C



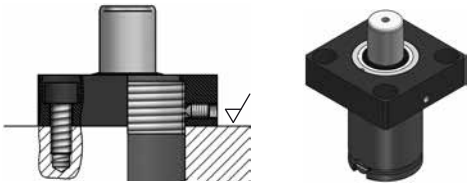
| | |
|---|---|
| ENG | LOWER SQUARE GROOVE FLANGE |
| DEU | FUSSFLANSCH |
| FRA | FLASQUE-BRIDE POUR GORGE CARRÉE INFÉRIEURE |
| ITA | SEMI-FLANGIA PER SCANALATURA QUADRATA INFERIORE |
| ESP | BRIDA PARA CAJERA INFERIOR CUADRADA |
| POR | FLANGE PARA O SULCO QUADRADO INFERIOR |

## D

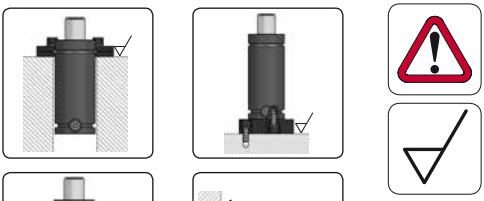


| | |
|---|---|
| ENG | SUPPORT MOUNT |
| DEU | KLEMMFLANSCH |
| FRA | SUPPORT AVANT |
| ITA | SUPPORTI ANTERIORI |
| ESP | BRIDA DE APOYO |
| POR | FLANGE DE SUSTENTAÇÃO |

## E



| | |
|---|---|
| ENG | THREADED BODY FLANGE |
| DEU | KÖRPERGEWINDEFLANSCH |
| FRA | BRIDE VISSÉE SUR LE CORPS FILETÉ |
| ITA | FLANGIA FILETTATA PER IL CORPO |
| ESP | BRIDA ROSCADA SOBRE EL CUERPO |
| POR | FLANGE ROSQUEADA DO CORPO |



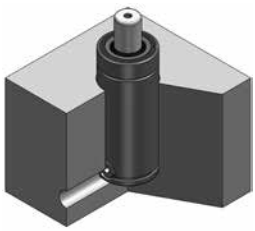
- Fix the gas spring through the appropriate mount.
- The bottom should be supported at all the times.
- A flat surface against the base is always required.

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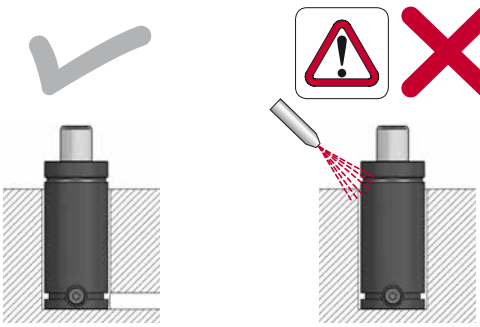
# MOUNTING GUIDELINES

## DROP-IN



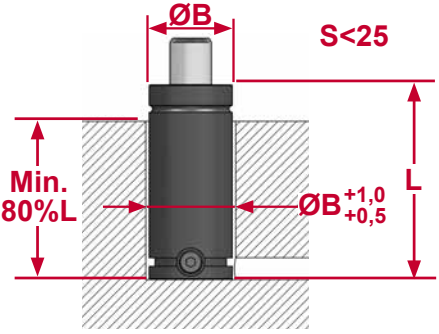


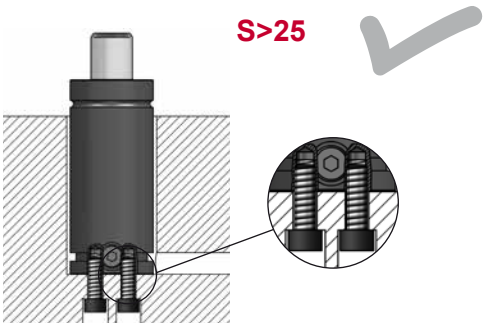
| | |
|---|---|
| ENG | DROP-IN MOUNTING |
| DEU | EINBAU IN KAVERNE |
| FRA | MONTAGE DANS POCHE |
| ITA | MONTAGGIO NELLA SEDE |
| ESP | MONTAJE EN CAJERA |
| POR | FIXAÇÃO NO ALOJAMENTO |



Protect the gas springs from solid or liquid contaminants.

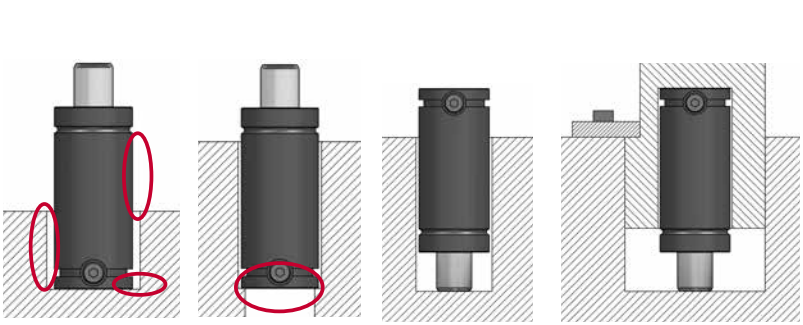
Provide adequate drainage in gas springs pockets.




When the gas springs are installed into a bored pocket, the bored pocket diameter should not exceed 1mm larger than the gas spring body diameter. And the bore pocket depth must be minimum 80% of L.

Screws on the base should be always used for strokes lengths > 25 mm.



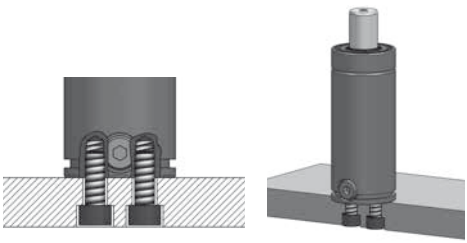
The base should be supported at all the times. A flat surface against the base is always required.
Do not mount a gas spring in a pocket upside down.

Innadecuate pockets (with higher diameter or shorter length) could cause structural damages and reduce the life expectancy of the gas springs.

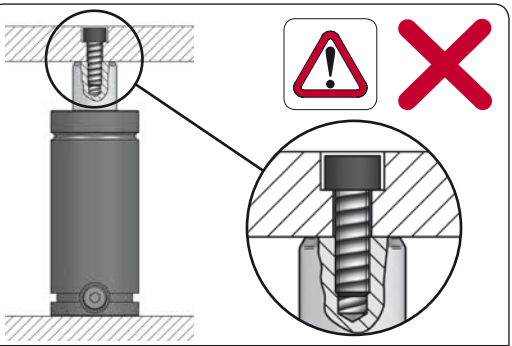
# MOUNTING GUIDELINES

AZOL GAS

## SCREWS



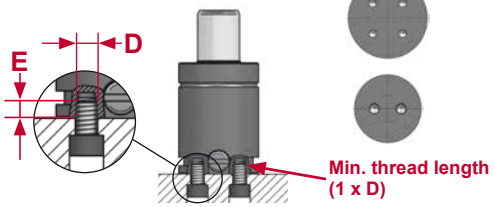
| | |
|---|---|
| ENG | SCREWS MOUNTING |
| DEU | BEFESTIGUNG MIT SCHRAUBEN |
| FRA | MONTAGE AVEC VIS |
| ITA | MONTAGGIO CON VITI |
| ESP | MONTAJE CON TORNILLOS |
| POR | MONTAGEM COM PARAFUSOS |



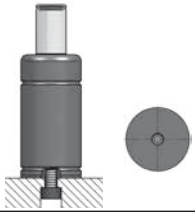
Do not use the piston rod threaded hole for fixing the gas spring into the tool.

This hole is only to be used for maintenance operations.

**Multiple base thread**




**Single base thread**

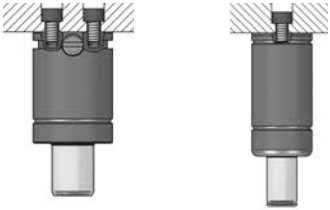


When mounting gas springs directly to the tool by screws it is important to follow the instructions about quality of screws, thread length, safety washers and torque.
Use thread locking if the gas spring base threads length (E) are < thread diameter (D), for example CW series.

Gas springs with only a single base thread should not be mounted by screws.




The rod threaded hole is only to be used for maintenance operations or transport. (Gas springs heavier than 15 kgs are marked according to VDI).



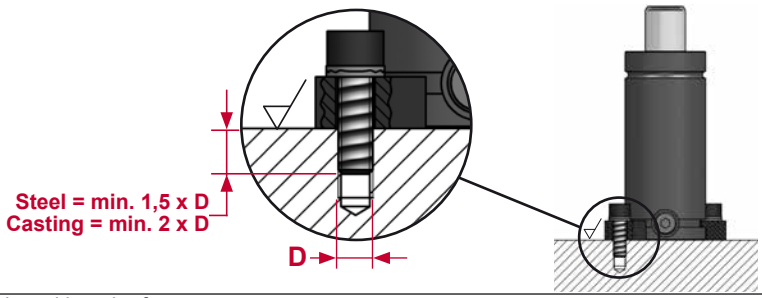
Mounting gas springs directly to the tool by screws it is not recommended when gas springs are upside down.

Special attention is required for gas springs whose base threads length (E) are < thread diameter (D).

AZOL GAS

# MOUNTING GUIDELINES

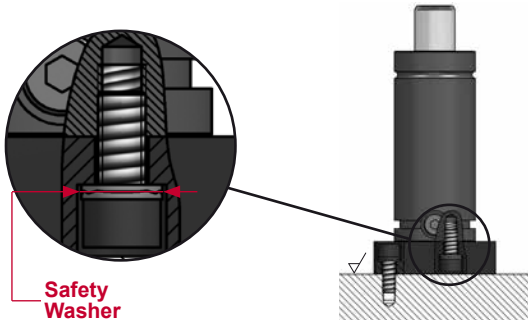
## THREAD LENGTH




The screws must keep a thread length of:
-thread diameter x1,5 if fixed in steel
-thread diameter x2 if fixed in casting

## WASHERS

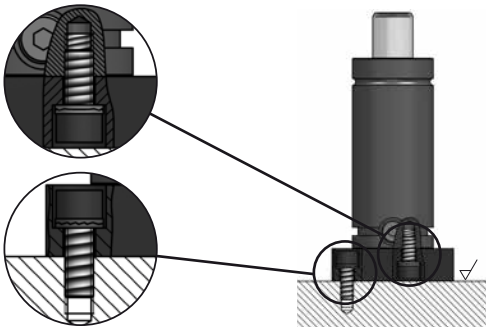
| DIN 912 - 12.9 | Safety Washer |
|---|---|
| Thread | Dimensions |
| M6 | Ø10,8 x 1,8 |
| M8 | Ø13,5 x 2,5 |
| M10 | Ø16,6 x 2,5 |
| M12 | Ø19,5 x 2,5 |
| M16 | Ø25,4 x 3,4 |




We recommend using safety washers of the mentioned quality when fixing the fitting screws.
Screws DIN 912 - 12.9

## SCREWS

| DIN 912 - 12.9 | Torque |
|---|---|
| Thread | Nm |
| M6 | 15 |
| M8 | 38 |
| M10 | 75 |
| M12 | 128 |
| M16 | 311 |

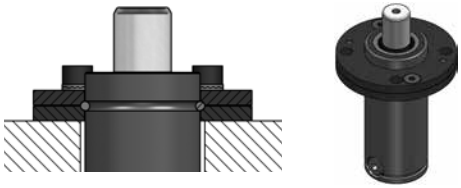


Use screws with the mentioned quality and respect the corresponding torque by using a dynamometric tool.

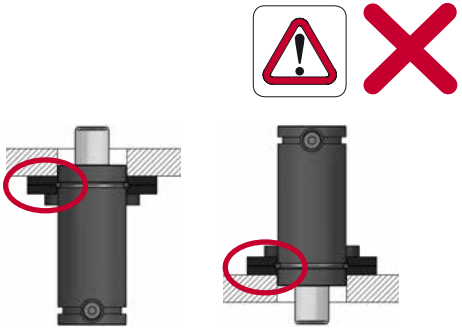
# MOUNTING GUIDELINES

AZOL GAS

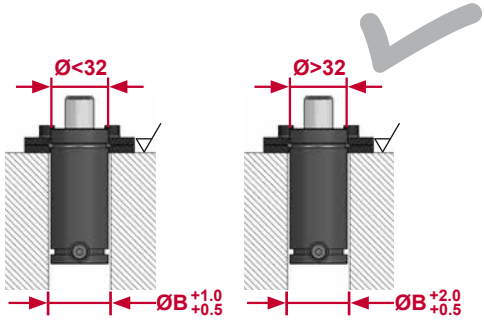
## MOUNT TYPE A



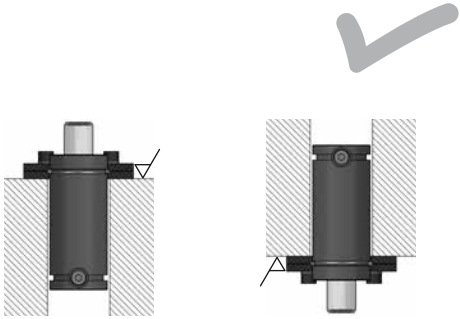
| | |
|---|---|
| ENG | UPPER ROUND GROOVE FLANGE |
| DEU | BUNDFLANSCH |
| FRA | COLLERETTE POUR GORGE RONDE SUPÉRIEURE |
| ITA | FLANGIA PER SCANALATURA ROTONDA SUPERIORE |
| ESP | BRIDA PARA CAJERA SUPERIOR REDONDA |
| POR | FLANGE PARA O SULCO REDONDO SUPERIOR |



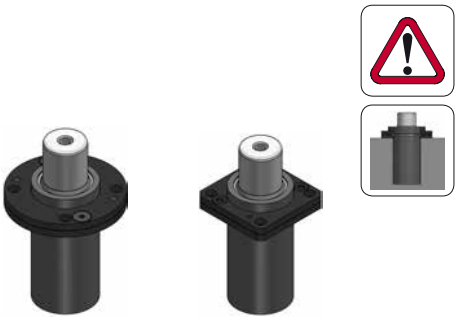
Do not use mounts type A when the mounting screws have to support the full compression force of the gas spring.




When using mount type A into a bored pocket, the bored pocket diameter (B) should not exceed 1mm larger than the gas spring body diameter 32 mm and not exceed 2 mm larger than gas spring body diameter > 32 mm.



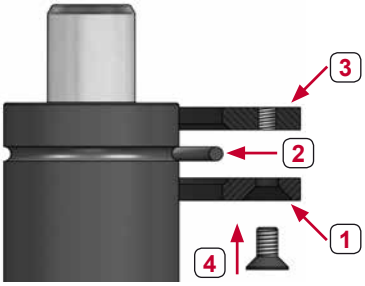
Following the mounting guidelines, mounts type A are intended to be used both vertically right and upside down.



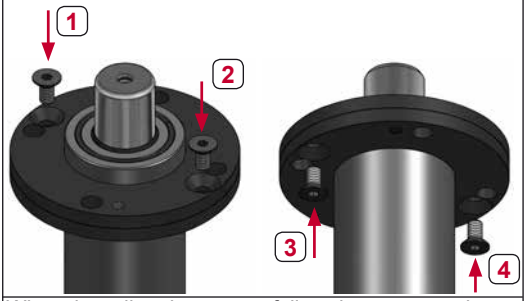
When using CS gas springs series we recommend the base to be supported at all the times, a flat surface against the base is always required.

AZOL GAS

# MOUNTING GUIDELINES



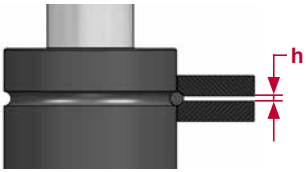

Mount fitting sequence type A:
-STEP 1: insert the inferior part
-STEP 2: place the locking ring
-STEP 3: set the superior part
-STEP 4: fit both parts with screws




When threading the screws follow the steps as shown on the pictures, with a progressive torque on each screw.

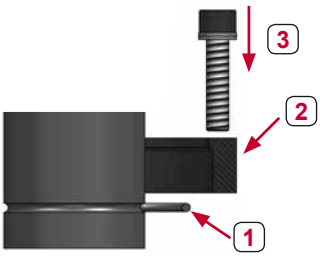
| MOUNT / MOUNT | | MOUNT / TOOL | |
|---|---|---|---|
| DIN 7991 | Torque | DIN 912-12.9 | Torque |
| Thread | Nm | Thread | Nm |
| M3 | 1 | M6 | 15 |
| M4 | 3 | M8 | 38 |
| M5 | 6 | M10 | 75 |
| M6 | 10 | M12 | 128 |
| --- | --- | M16 | 311 |

Use screws with the mentioned quality and respect the corresponding torque.




| Ø BODY | Gap between parts (h) | |
|---|---|---|
| | Minimum | Maximum |
| ≤ Ø45 | 0,10 mm | 0,40 mm |
| Ø50 | 0,10 mm | 0,55 mm |
| ≥ Ø63 | 0,20 mm | 0,75 mm |

Both parts of the mount (superior and inferior) should never contact once assembled, keep always the minimum gap indicated.






| MOUNTS "A" INFERIOR GROOVE (CS) |
|---|
| A19-038 |
| A54-050 |
| A54-075 |
| A54-095 |
| A19-120 |
| A19-150 |



| MOUNTS "A" INFERIOR GROOVE (MINI-CW) |
|---|
| A19-019 |
| A19-025 |

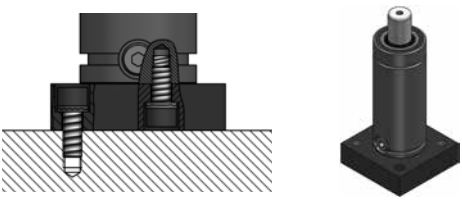
Only to be used for strokes 7-25 mm

Fitting sequence for mounts type A on inferior groove:
-STEP 1: place the locking ring
-STEP 2: set the mount
-STEP 3: fit both parts with screws

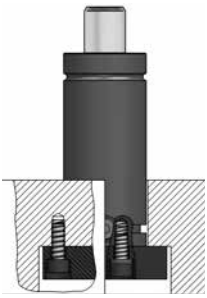
# MOUNTING GUIDELINES

AZOL GAS

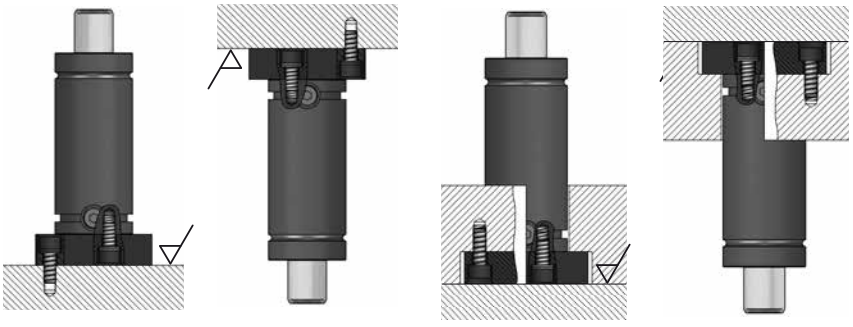
## MOUNT TYPE B



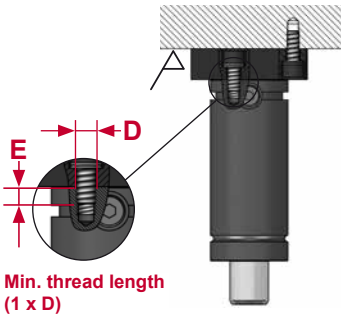
| | |
|---|---|
| ENG | BOTTOM MOUNT PLATE |
| DEU | BODENBEFESTIGUNGSPLATTE |
| FRA | PLAQUE FIXATION INFÉRIEURE |
| ITA | BASE INFERIORE DI FISSAGGIO |
| ESP | BASE INFERIOR DE FIJACIÓN |
| POR | PLACA INFERIOR DA MONTAGEM |

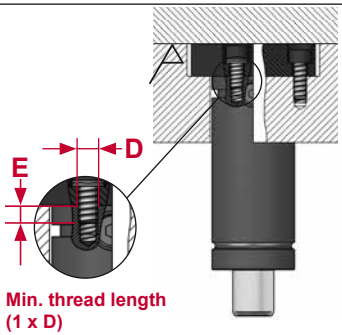


When using mounts type B the base must be supported at all the times to avoid full compression force of the gas spring being transferred through the mounting screws.



Following the mounting guidelines, mounts type B are intended to be used both vertically right and upside down.



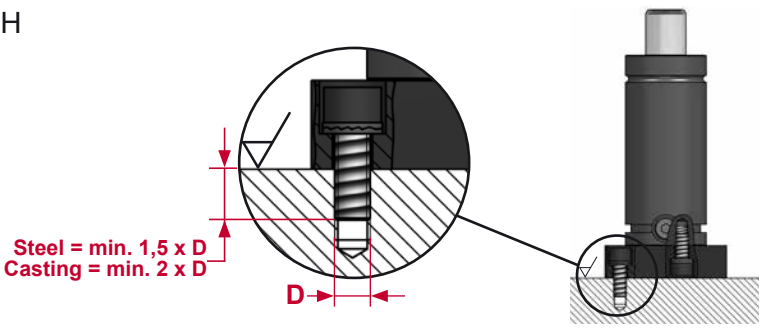

When mounting gas springs upside down by mounts B it is important to follow the instructions about quality of screws, thread length, safety washers and torque.

Use thread locking if the gas spring base threads length (E) are < thread diameter (D), for example CW series.

AZOL GAS

# MOUNTING GUIDELINES

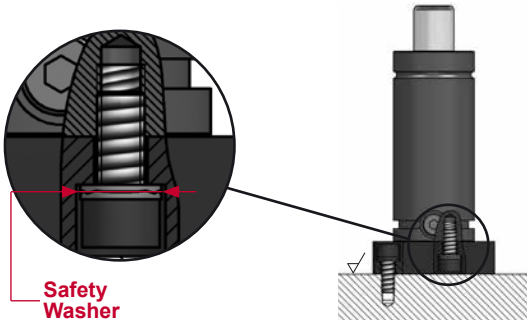
## THREAD LENGTH




The screws must keep a thread length of:
-thread diameter x1,5 if fixed in steel
-thread diameter x2 if fixed in casting

## WASHERS

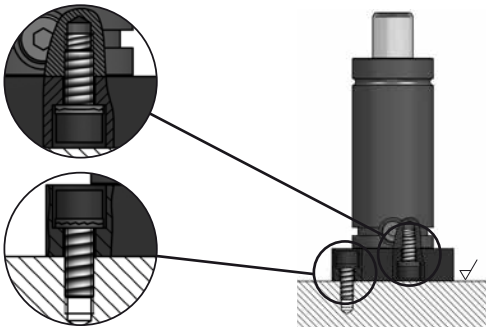
|  DIN 912 - 12.9 |  Safety Washer |
|---|---|
| **Thread** | **Dimensions** |
| M6 | Ø10,8 x 1,8 |
| M8 | Ø13,5 x 2,5 |
| M10 | Ø16,6 x 2,5 |
| M12 | Ø19,5 x 2,5 |
| M16 | Ø25,4 x 3,4 |




We recommend using safety washers of the mentioned quality when fixing the fitting screws.
Screws DIN 912 - 12.9

## SCREWS

|  DIN 912 - 12.9 |  Torque |
|---|---|
| **Thread** | **Nm** |
| M6 | 15 |
| M8 | 38 |
| M10 | 75 |
| M12 | 128 |
| M16 | 311 |

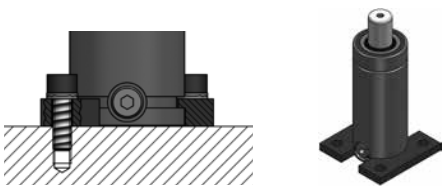


Use screws with the mentioned quality and respect the corresponding torque by using a dynamometric tool.

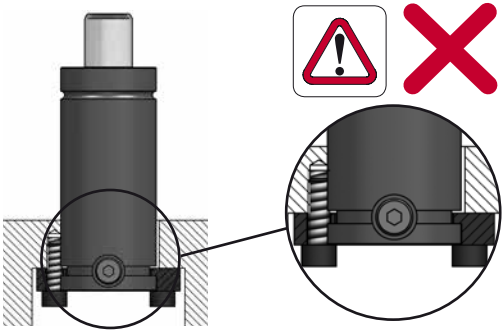
# MOUNTING GUIDELINES

AZOL GAS

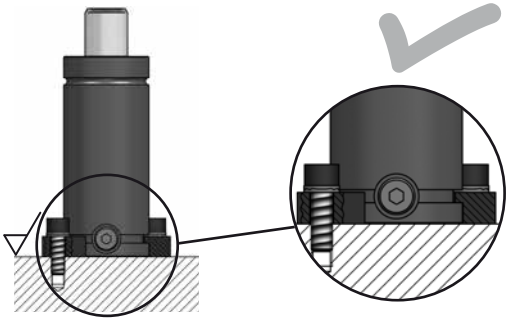
## MOUNT TYPE C



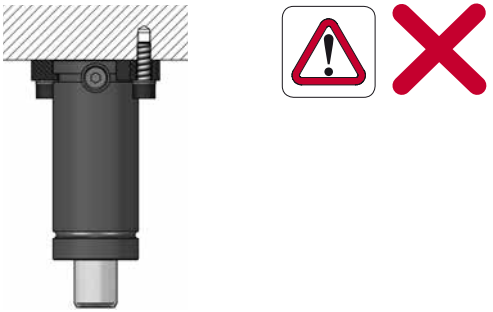
| | |
|---|---|
| ENG | LOWER SQUARE GROOVE FLANGE |
| DEU | FUSSFLANSCH |
| FRA | FLASQUE-BRIDE POUR GORGE CARRÉE INFÉRIEURE |
| ITA | SEMI-FLANGIA PER SCANALATURA QUADRATA INFERIORE |
| ESP | BRIDA PARA CAJERA INFERIOR CUADRADA |
| POR | FLANGE PARA O SULCO QUADRADO INFERIOR |



When using mounts type C the base must be supported at all the times to avoid full compression force of the gas spring being transferred through the mounting screws.

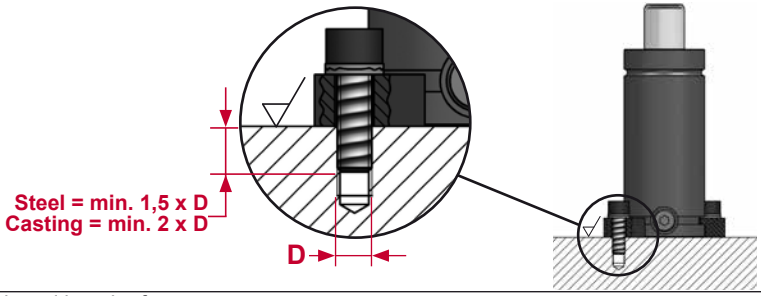


Following the mounting guidelines, mounts type C are intended to be used vertically right.



Mounting gas springs by using mount type C it is not recommended when gas springs are upside down.

## THREAD LENGTH

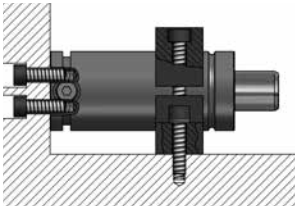



The screws must keep a thread length of:
-thread diameter x1,5 if fixed in steel
-thread diameter x2 if fixed in casting

AZOL GAS

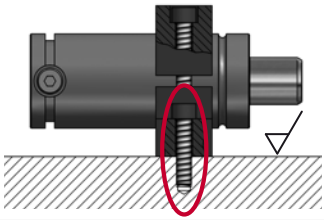
# MOUNTING GUIDELINES

## MOUNT TYPE D

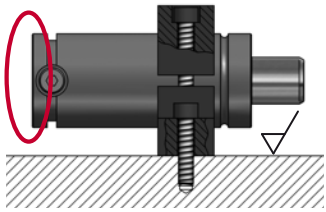




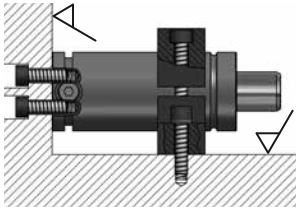
| | |
|---|---|
| ENG | SUPPORT MOUNT |
| DEU | KLEMMFLANSCH |
| FRA | SUPPORT AVANT |
| ITA | SUPPORTI ANTERIORI |
| ESP | BRIDA DE APOYO |
| POR | FLANGE DE SUSTENTAÇÃO |



Do not use mounts type D when the mounting screws have to support the full compression force of the gas spring.

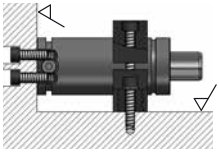


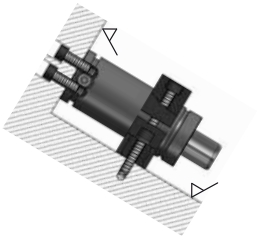
The base should be supported at all the times.
A flat surface against the base is always required.



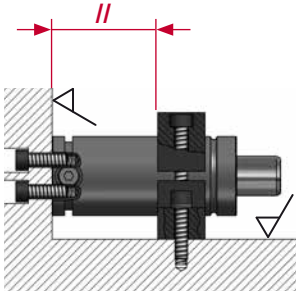
Example of correct mounting type D.

Use always screws on the base to fix the gas spring.





Following the mounting guidelines, mounts type D are intended to be used both vertically right and upside down.




Make sure the gas spring fits parallel to mounting surface to minimize the impact of sideloads.

# MOUNTING GUIDELINES

AZOL GAS

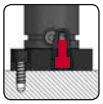
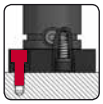
## MOUNT TYPE A

| | MOUNT / MOUNT | | MOUNT / GAS SPRING | | MOUNT / TOOL | |
|---|---|---|---|---|---|---|
| MOUNT | THREAD | TORQUE(Nm) | THREAD | TORQUE(Nm) | THREAD | TORQUE(Nm) |
| A14-012 | M5 (x2) | 6 | --- | --- | M6 (x2) | 15 |
| A59-012 | M3 (x4) | 1 | --- | --- | M6 (x2) | 15 |
| A14-015 | M4 (x2) | 3 | --- | --- | M6 (x2) | 15 |
| A49-015 | M3 (x4) | 1 | --- | --- | M6 (x2) | 15 |
| A14-019 | M5 (x2) | 6 | --- | --- | M6 (x2) | 15 |
| A44-019 | --- | --- | --- | --- | M6 (x4) | 15 |
| A49-019 | M3 (x4) | 1 | --- | --- | M6 (x2) | 15 |
| A14-020 | M5 (x2) | 6 | --- | --- | M6 (x2) | 15 |
| A14-025 | M5 (x2) | 6 | --- | --- | M6 (x4) | 15 |
| A44-025 | M5 (x2) | 6 | --- | --- | M6 (x4) | 15 |
| A49-025 | M5 (x4) | 6 | --- | --- | M6 (x2) | 15 |
| A14-032 | M5 (x4) | 6 | --- | --- | M6 (X4) | 15 |
| A34-032 | M3 (x4) | 1 | --- | --- | M6 (x4) | 15 |
| A44-032 | M5 (x2) | 6 | --- | --- | M6 (x4) | 15 |
| A14-038 | M5 (x4) | 6 | --- | --- | M6 (x4) | 15 |
| A19-038 | --- | --- | --- | --- | M6 (x4) | 15 |
| A34-038 | M4 (x4) | 3 | --- | --- | M6 (x4) | 15 |
| A14-045 | M6 (x4) | 10 | --- | --- | M8 (x4) | 38 |
| A34-045 | M5 (x4) | 6 | --- | --- | M8 (x4) | 38 |
| A69-045 | M5 (x4) | 6 | --- | --- | M8 (x4) | 38 |
| A74-045 | M6 (x4) | 10 | --- | --- | M8 (x4) | 38 |
| A14-050 | M6 (x4) | 10 | --- | --- | M8 (x4) | 38 |
| A34-050 | M5 (x4) | 6 | --- | --- | M8 (x4) | 38 |
| A49-050 | M6 (x4) | 10 | --- | --- | M8 (x4) | 38 |
| A54-050 | --- | --- | --- | --- | M8 (x4) | 38 |
| A59-050 | M5 (x4) | 6 | --- | --- | M8 (x4) | 38 |
| AX9-050 | --- | --- | --- | --- | M8 (x4) | 38 |
| AY4-050 | M6 (x2) | 10 | --- | --- | M10 (x4) | 75 |
| A14-063 | M6 (x4) | 10 | --- | --- | M10 (x4) | 75 |
| A39-063 | M6 (x4) | 10 | --- | --- | M10 (x4) | 75 |
| A69-063 | M5 (x4) | 6 | --- | --- | M10 (x4) | 75 |
| AY4-063 | M6 (x2) | 10 | --- | --- | M10 (x4) | 75 |
| A14-075 | M6 (x4) | 10 | --- | --- | M10 (x4) | 75 |
| A34-075 | M6 (x4) | 10 | --- | --- | M10 (x4) | 75 |
| A49-075 | M6 (x4) | 10 | --- | --- | M10 (x4) | 75 |
| A54-075 | --- | --- | --- | --- | M10 (x4) | 75 |
| A59-075 | M6 (x4) | 10 | --- | --- | M10 (x4) | 75 |
| AX9-075 | --- | --- | --- | --- | M10 (x4) | 75 |
| AY4-075 | M6 (x2) | 10 | --- | --- | M12 (x4) | 128 |
| A14-095 | M6 (x4) | 10 | --- | --- | M12 (x4) | 128 |
| A34-095 | M6 (x4) | 10 | --- | --- | M12 (x4) | 128 |
| A49-095 | M6 (x4) | 10 | --- | --- | M12 (x4) | 128 |
| A54-095 | --- | --- | --- | --- | M12 (x4) | 128 |
| A59-095 | M6 (x4) | 10 | --- | --- | M12 (x4) | 128 |
| AX9-095 | --- | --- | --- | --- | M12 (x4) | 128 |
| AY4-095 | M6 (x2) | 10 | --- | --- | M12 (x4) | 128 |
| A14-105 | M6 (x4) | 10 | --- | --- | M12 (x4) | 128 |
| A14-120 | M6 (x4) | 10 | --- | --- | M12 (x4) | 128 |
| A34-120 | M6 (x4) | 10 | --- | --- | M12 (x4) | 128 |
| AY4-120 | M6 (x2) | 10 | --- | --- | M12 (x4) | 128 |
| A14-150 | M6 (x4) | 10 | --- | --- | M16 (x4) | 311 |
| A34-150 | M6 (x4) | 10 | --- | --- | M16 (x4) | 311 |
| AY4-150 | M6 (x2) | 10 | --- | --- | M16 (x4) | 311 |
| A14-195 | M6 (x4) | 10 | --- | --- | M16 (x4) | 311 |
| A34-195 | M6 (x4) | 10 | --- | --- | M16 (x4) | 311 |

AZOL GAS

# MOUNTING GUIDELINES

## MOUNT TYPE B

| |  MOUNT / MOUNT | |  MOUNT / GAS SPRING | |  MOUNT / TOOL | |
|---|---|---|---|---|---|---|
| MOUNT |  THREAD |  TORQUE(Nm) |  THREAD |  TORQUE(Nm) |  THREAD |  TORQUE(Nm) |
| B76-038 | --- | --- | M6 (x2) | 15 | M6 (x4) | 15 |
| B21-045 | --- | --- | M8 (x2) | 38 | M8 (x4) | 38 |
| B36-045 | --- | --- | M8 (x2) | 38 | M8 (x4) | 38 |
| B41-045 | --- | --- | M8 (x2) | 38 | M8 (x4) | 38 |
| B43-045 | --- | --- | M8 (x2) | 38 | M8 (x2) | 38 |
| B51-045 | --- | --- | M8 (x2) | 38 | M10 (x4) | 75 |
| B76-045 | --- | --- | M8 (x2) | 38 | M8 (x4) | 38 |
| B21-050 | --- | --- | M8 (x2) | 38 | M8 (x4) | 38 |
| B33-050 | --- | --- | M10 (x2) | 75 | M12 (x2) | 128 |
| B36-050 | --- | --- | M8 (x2) | 38 | M8 (x4) | 38 |
| B41-050 | --- | --- | M8 (x2) | 38 | M8 (x4) | 38 |
| B43-050 | --- | --- | M8 (x2) | 38 | M12 (x2) | 128 |
| B51-050 | --- | --- | M8 (x2) | 38 | M10 (x4) | 75 |
| B56-050 | --- | --- | M10 (x2) | 75 | M10 (x4) | 75 |
| B61-050 | --- | --- | M10 (x2) | 75 | M12 (x2) | 128 |
| B71-050 | --- | --- | M10 (x2) | 75 | M12 (x2) | 128 |
| B76-050 | --- | --- | M8 (x2) | 38 | M8 (x4) | 38 |
| B91-050 | --- | --- | M10 (x2) | 75 | M10 (x4) | 75 |
| B21-063 | --- | --- | M8 (x2) | 38 | M8 (x4) | 38 |
| B36-063 | --- | --- | M8 (x2) | 38 | M8 (x4) | 38 |
| B41-063 | --- | --- | M8 (x2) | 38 | M8 (x4) | 38 |
| B76-063 | --- | --- | M8 (x2) | 38 | M8 (x4) | 38 |
| B21-075 | --- | --- | M8 (x4) | 38 | M10 (x4) | 75 |
| B28-075 | --- | --- | M8 (x4) | 38 | M12 (x4) | 128 |
| B33-075 | --- | --- | M12 (x4) | 128 | M12 (x2) | 128 |
| B36-075 | --- | --- | M8 (x4) | 38 | M10 (x4) | 75 |
| B41-075 | --- | --- | M8 (x4) | 38 | M10 (x4) | 75 |
| B43-075 | --- | --- | M8 (x4) | 38 | M12 (x2) | 128 |
| B56-075 | --- | --- | M12 (x4) | 128 | M12 (x4) | 128 |
| B61-075 | --- | --- | M12 (x4) | 128 | M12 (x4) | 128 |
| B66-075 | --- | --- | M12 (x4) | 128 | M12 (x4) | 128 |
| B71-075 | --- | --- | M12 (x4) | 128 | M12 (x4) | 128 |
| B76-075 | --- | --- | M8 (x4) | 38 | M10 (x4) | 75 |
| B88-075 | --- | --- | M12 (x8) | 128 | M12 (x6) | 128 |
| B91-075 | --- | --- | M12 (x4) | 128 | M12 (x4) | 128 |
| B93-075 | --- | --- | M12 (x8) | 128 | M12 (x6) | 128 |
| B16-095 | --- | --- | M8 (x4) | 38 | M12 (x4) | 128 |
| B21-095 | --- | --- | M8 (x4) | 38 | M12 (x4) | 128 |
| B33-095 | --- | --- | M12 (x4) | 128 | M12 (x2) | 128 |
| B36-095 | --- | --- | M8 (x4) | 38 | M12 (x4) | 128 |
| B41-095 | --- | --- | M8 (x4) | 38 | M12 (x4) | 128 |
| B43-095 | --- | --- | M8 (x4) | 38 | M12 (x2) | 128 |
| B56-095 | --- | --- | M12 (x4) | 128 | M12 (x4) | 128 |
| B61-095 | --- | --- | M12 (x4) | 128 | M12 (x4) | 128 |
| B66-095 | --- | --- | M12 (x4) | 128 | M12 (x4) | 128 |
| B71-095 | --- | --- | M12 (x4) | 128 | M12 (x4) | 128 |
| B76-095 | --- | --- | M8 (x4) | 38 | M12 (x4) | 128 |
| B88-095 | --- | --- | M12 (x8) | 128 | M12 (x6) | 128 |
| B91-095 | --- | --- | M12 (x4) | 128 | M16 (x4) | 311 |
| B93-095 | --- | --- | M12 (x8) | 128 | M12 (x6) | 128 |
| B36-105 | --- | --- | M8 (x4) | 38 | M12 (x4) | 128 |
| B41-105 | --- | --- | M8 (x4) | 38 | M12 (x4) | 128 |
| B16-120 | --- | --- | M10 (x4) | 75 | M12 (x4) | 128 |
| B21-120 | --- | --- | M10 (x4) | 75 | M12 (x4) | 128 |
| B33-120 | --- | --- | M12 (x4) | 128 | M12 (x2) | 128 |

# MOUNTING GUIDELINES

AZOL GAS

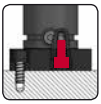
## MOUNT TYPE B

| | MOUNT / MOUNT | | MOUNT / GAS SPRING | | MOUNT / TOOL | |
|---|---|---|---|---|---|---|
| MOUNT | THREAD | TORQUE(Nm) | THREAD | TORQUE(Nm) | THREAD | TORQUE(Nm) |
| B36-120 | --- | --- | M10 (x4) | 75 | M12 (x4) | 128 |
| B41-120 | --- | --- | M10 (x4) | 75 | M12 (x4) | 128 |
| B43-120 | --- | --- | M10 (x4) | 75 | M12 (x2) | 128 |
| B56-120 | --- | --- | M12 (x4) | 128 | M16 (x4) | 311 |
| B61-120 | --- | --- | M12 (x4) | 128 | M16 (x4) | 311 |
| B66-120 | --- | --- | M12 (x4) | 128 | M16 (x4) | 311 |
| B71-120 | --- | --- | M12 (x4) | 128 | M16 (x4) | 311 |
| B76-120 | --- | --- | M10 (x4) | 75 | M12 (x4) | 128 |
| B88-120 | --- | --- | M12 (x8) | 128 | M16 (x6) | 311 |
| B93-120 | --- | --- | M12 (x8) | 128 | M16 (x6) | 311 |
| B16-150 | --- | --- | M10 (x4) | 75 | M16 (x4) | 311 |
| B21-150 | --- | --- | M10 (x4) | 75 | M16 (x4) | 311 |
| B36-150 | --- | --- | M10 (x4) | 75 | M16 (x4) | 311 |
| B41-150 | --- | --- | M10 (x4) | 75 | M16 (x4) | 311 |
| B56-150 | --- | --- | M12 (x4) | 128 | M16 (x4) | 311 |
| B61-150 | --- | --- | M12 (x4) | 128 | M16 (x4) | 311 |
| B66-150 | --- | --- | M12 (x4) | 128 | M16 (x4) | 311 |
| B71-150 | --- | --- | M12 (x4) | 128 | M16 (x4) | 311 |
| B76-150 | --- | --- | M10 (x4) | 75 | M16 (x4) | 311 |
| B88-150 | --- | --- | M12 (x8) | 128 | M16 (x6) | 311 |
| B93-150 | --- | --- | M12 (x8) | 128 | M16 (x6) | 311 |
| B21-195 | --- | --- | M12 (x4) | 128 | M16 (x4) | 311 |
| B36-195 | --- | --- | M12 (x4) | 128 | M16 (x4) | 311 |
| B41-195 | --- | --- | M12 (x4) | 128 | M16 (x4) | 311 |
| B76-195 | --- | --- | M12 (x4) | 128 | M16 (x4) | 311 |

AZOL GAS

# MOUNTING GUIDELINES

## MOUNT TYPE C

| |  MOUNT / MOUNT | |  MOUNT / GAS SPRING | |  MOUNT / TOOL | |
|---|---|---|---|---|---|---|
| MOUNT |  THREAD |  TORQUE(Nm) |  THREAD |  TORQUE(Nm) |  THREAD |  TORQUE(Nm) |
| C15-020 | --- | --- | --- | --- | M6 (x4) | 15 |
| C05-032 | --- | --- | --- | --- | M6 (x4) | 15 |
| C20-032 | --- | --- | --- | --- | M6 (x4) | 15 |
| C05-038 | --- | --- | --- | --- | M6 (x4) | 15 |
| C20-038 | --- | --- | --- | --- | M6 (x4) | 15 |
| C05-045 | --- | --- | --- | --- | M8 (x4) | 38 |
| C20-045 | --- | --- | --- | --- | M8 (x4) | 38 |
| C05-050 | --- | --- | --- | --- | M8 (x4) | 38 |
| C20-050 | --- | --- | --- | --- | M8 (x4) | 38 |
| C35-050 | --- | --- | --- | --- | M8 (x4) | 38 |
| C50-050 | --- | --- | --- | --- | M8 (x4) | 38 |
| CY0-050 | --- | --- | --- | --- | M10 (x4) | 75 |
| C05-063 | --- | --- | --- | --- | M10 (x4) | 75 |
| C30-063 | --- | --- | --- | --- | M10 (x4) | 75 |
| C35-063 | --- | --- | --- | --- | M10 (x4) | 75 |
| C05-075 | --- | --- | --- | --- | M10 (x4) | 75 |
| C20-075 | --- | --- | --- | --- | M10 (x4) | 75 |
| CY0-075 | --- | --- | --- | --- | M12 (x4) | 128 |
| C05-095 | --- | --- | --- | --- | M12 (x4) | 128 |
| C20-095 | --- | --- | --- | --- | M12 (x4) | 128 |
| CY0-095 | --- | --- | --- | --- | M12 (x4) | 128 |
| C05-120 | --- | --- | --- | --- | M12 (x4) | 128 |
| C20-120 | --- | --- | --- | --- | M12 (x4) | 128 |
| CY0-120 | --- | --- | --- | --- | M12 (x4) | 128 |
| C05-150 | --- | --- | --- | --- | M16 (x4) | 311 |
| C20-150 | --- | --- | --- | --- | M16 (x4) | 311 |
| C05-195 | --- | --- | --- | --- | M16 (x4) | 311 |
| C20-195 | --- | --- | --- | --- | M16 (x4) | 311 |

## MOUNT TYPE D

| | | | | | | |
|---|---|---|---|---|---|---|
| D02-025 | --- | --- | --- | --- | M8 (x4) | 38 |
| D02-032 | M8 (x1) | 38 | --- | --- | M8 (x2) | 38 |
| D67-032 | --- | --- | --- | --- | M8 (x2) | 38 |
| D02-038 | M8 (x1) | 38 | --- | --- | M8 (x2) | 38 |
| D67-038 | --- | --- | --- | --- | M8 (x2) | 38 |
| D02-045 | M8 (x1) | 38 | --- | --- | M8 (x2) | 38 |
| D67-045 | --- | --- | --- | --- | M8 (x2) | 38 |
| D02-050 | M8 (x1) | 38 | --- | --- | M8 (x2) | 38 |
| D47-050 | | | M10 (x1) | 75 | M10 (x4) | 75 |
| D67-050 | --- | --- | --- | --- | M10 (x2) | 75 |
| D02-063 | M10 (x1) | 75 | --- | --- | M10 (x2) | 75 |
| D67-063 | --- | --- | --- | --- | M10 (x2) | 75 |
| D02-075 | M10 (x1) | 75 | --- | --- | M10 (x2) | 75 |
| D47-075 | | | M12 (x2) | 128 | M12 (x4) | 128 |
| D67-075 | --- | --- | --- | --- | M12 (x2) | 128 |
| D02-095 | M12 (x1) | 128 | --- | --- | M12 (x2) | 128 |
| D67-095 | --- | --- | --- | --- | M12 (x2) | 128 |
| D02-120 | M12 (x1) | 128 | --- | --- | M12 (x2) | 128 |
| D67-120 | --- | --- | --- | --- | M12 (x2) | 128 |
| D02-150 | M12 (x1) | 128 | --- | --- | M12 (x2) | 128 |
| D67-150 | --- | --- | --- | --- | M12 (x2) | 128 |
| D02-195 | M12 (x1) | 128 | --- | --- | M12 (x2) | 128 |

# COLOR CODE: MINI GAS SPRINGS

AZOL GAS

| AFB V2 | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFB 13 050 V2 | Green | 45 | 650 | 13 | 20 |
| AFB 25 050 V2 | Blue | 90 | 1305 | 25 | 40 |
| AFB 38 050 V2 | Red | 135 | 1960 | 38 | 60 |
| AFB 50 050 V2 | Yellow | 180 | 2610 | 50 | 80 |
| AFB XX 050 V2 | Black | 20-180 | 290-2610 | 6 - 50 | 9 - 80 |

| AFH V1 | COLOR | bar | psi | daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFH 18 050 V1 | Green | 35 | 510 | 18 | 35 |
| AFH 35 050 V1 | Blue | 70 | 1015 | 35 | 70 |
| AFH 50 050 V1 | Red | 100 | 1450 | 50 | 100 |
| AFH 70 050 V1 | Yellow | 140 | 2030 | 70 | 140 |
| AFH XX 050 V1 | Black | 20-180 | 290-2610 | 10 - 90 | 20 - 180 |

| AFJ V1 | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFJ 30 050 V1 | Green | 60 | 870 | 30 | 40 |
| AFJ 50 050 V1 | Blue | 100 | 1450 | 50 | 70 |
| AFJ 70 050 V1 | Red | 140 | 2030 | 70 | 95 |
| AFJ 90 050 V1 | Yellow | 180 | 2610 | 90 | 120 |
| AFJ XX 050 V1 | Black | 20-180 | 290-2610 | 10 - 90 | 13 - 120 |

| AFK V1 | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFK 25 050 V1 | Green | 40 | 580 | 25 | 35 |
| AFK 50 050 V1 | Blue | 80 | 1160 | 50 | 70 |
| AFK 75 050 V1 | Red | 120 | 1740 | 75 | 105 |
| AFK 100 050 V1 | Yellow | 160 | 2320 | 100 | 140 |
| AFK XXX 050 V1 | Black | 20-160 | 290-2320 | 13 - 100 | 18 - 140 |

| AFD V1 | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFD 50 050 V1 | Green | 45 | 650 | 50 | 70 |
| AFD 100 050 V1 | Blue | 90 | 1305 | 100 | 140 |
| AFD 150 050 V1 | Red | 135 | 1960 | 150 | 210 |
| AFD 200 050 V1 | Yellow | 180 | 2610 | 200 | 280 |
| AFD XXX 050 V1 | Black | 20-180 | 290-2610 | 23 - 200 | 32 - 280 |

| AFC | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFC 50 050 | Green | 45 | 650 | 50 | 75 |
| AFC 100 050 | Blue | 90 | 1305 | 100 | 155 |
| AFC 150 050 | Red | 135 | 1960 | 150 | 230 |
| AFC 200 050 | Yellow | 180 | 2610 | 200 | 305 |
| AFC XXX 050 | Black | 20-180 | 290-2610 | 23 - 200 | 35 - 305 |

| AFNA | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFNA 50 050 | Green | 45 | 650 | 50 | 75 |
| AFNA 100 050 | Blue | 90 | 1305 | 100 | 155 |
| AFNA 150 050 | Red | 135 | 1960 | 150 | 230 |
| AFNA 200 050 | Yellow | 180 | 2610 | 200 | 305 |
| AFNA XXX 050 | Black | 20-180 | 290-2610 | 23 - 200 | 35 - 305 |

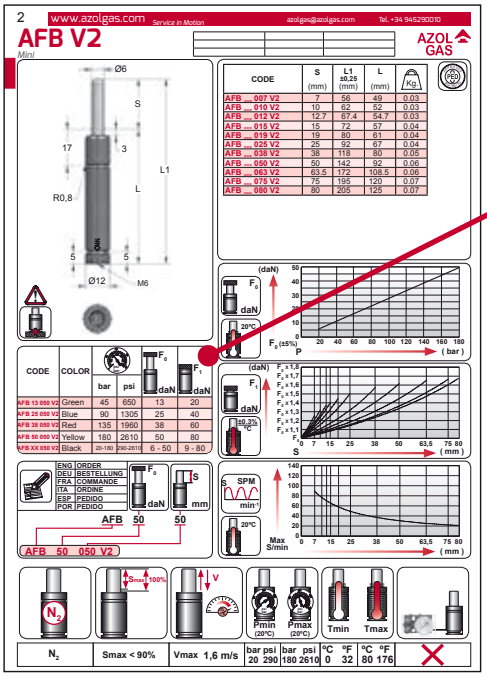
| AF V1 | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AF 50 050 V1 | Green | 45 | 650 | 50 | 70 |
| AF 100 050 V1 | Blue | 90 | 1305 | 100 | 135 |
| AF 150 050 V1 | Red | 135 | 1960 | 150 | 205 |
| AF 200 050 V1 | Yellow | 180 | 2610 | 200 | 270 |
| AF XXX 050 V1 | Black | 20-180 | 290-2610 | 23 - 200 | 30 - 270 |

| AFT V1 | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFT 80 050 V1 | Green | 40 | 580 | 80 | 135 |
| AFT 160 050 V1 | Blue | 80 | 1160 | 160 | 265 |
| AFT 240 050 V1 | Red | 120 | 1740 | 240 | 400 |
| AFT 310 050 V1 | Yellow | 155 | 2450 | 310 | 515 |
| AFT XXX 050 V1 | Black | 20-180 | 290-2610 | 40 - 360 | 65 - 600 |

- Adaptable version that can be charged between Pmin and Pmax.
- Anpassbare Version, die mit verschiedenen Drücken zwischen Pmin und Pmax befüllt werden kann.
- Version adaptable pouvant être chargée entre Pmin et Pmax.
- Versione adattabile che può essere caricata tra Pmin e Pmax.
- Versión adaptable que puede ser cargada entre Pmin y Pmax.
- Versão personalizável que pode ser carregada entre Pmin e Pmax.

# COLOR CODE: MINI GAS SPRINGS

## ORDER EXAMPLE




| AFB V2 | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFB 13 050 V2 | Green | 45 | 650 | 13 | 20 |
| AFB 25 050 V2 | Blue | 90 | 1305 | 25 | 40 |
| AFB 38 050 V2 | Red | 135 | 1960 | 38 | 60 |
| AFB 50 050 V2 | Yellow | 180 | 2610 | 50 | 80 |
| AFB XX 050 V2 | Black | 20-180 | 290-2610 | 6 - 50 | 9 - 80 |

| | ENG | ORDER |
|---|---|---|
| | DEU | BESTELLUNG |
| | FRA | COMMANDE |
| | ITA | ORDINE |
| | ESP | PEDIDO |
| | POR | PEDIDO |

$F_0$ daN — S mm

AFB 50 50

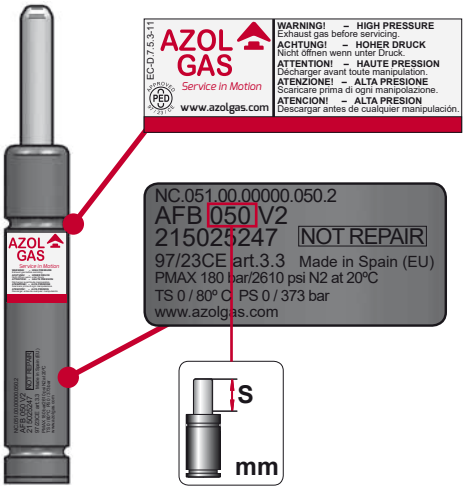
AFB 50 050 V2 (YELLOW)

AFB 6 - 50 50

AFB XX 050 V2 (BLACK)

**BLACK:** Force to be specified by the customer. Delivered pre-charged at 20 bar.

## BODY MARK




| AFB V2 | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFB 13 050 V2 | Green | 45 | 650 | 13 | 20 |
| AFB 25 050 V2 | Blue | 90 | 1305 | 25 | 40 |
| AFB 38 050 V2 | Red | 135 | 1960 | 38 | 60 |
| AFB 50 050 V2 | Yellow | 180 | 2610 | 50 | 80 |
| AFB XX 050 V2 | Black | 20-180 | 290-2610 | 6 - 50 | 9 - 80 |

| | ENG | ORDER |
|---|---|---|
| | DEU | BESTELLUNG |
| | FRA | COMMANDE |
| | ITA | ORDINE |
| | ESP | PEDIDO |
| | POR | PEDIDO |

$F_0$ daN — S mm

AFB 38 50

AFB 38 050 V2

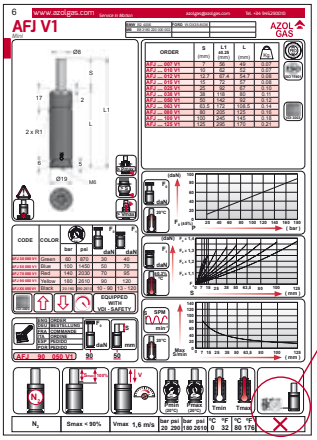
MINI gas springs series the force is defined by colored label.

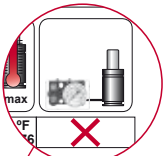
MINI gas springs series only the model and stroke are engraved on the body (not the force).

# SELF-CONTAINED AND HOSED

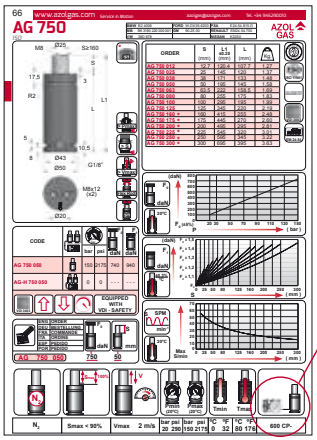
AZOL GAS

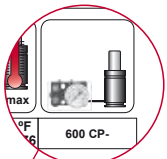
## NOT TO BE HOSED




## TO BE HOSED

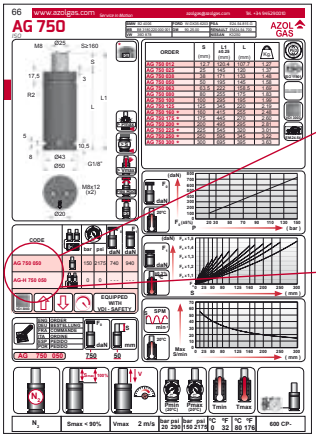


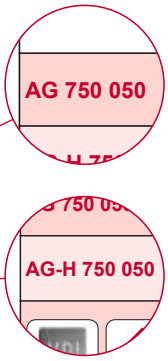




Most of gas springs can be used as hosed, but some of them cannot be hosed.

On each catalogue sheet (lower right side) can be checked if gas springs are able to be used as hosed (e.g. 600-CP) or not (e.g. X).

## TO BE HOSED




**FOR SELF-CONTAINED USE**

**AG 750 050**

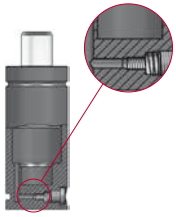





**FOR HOSED USE**

**AG-H 750 050**



The gas springs able to be hosed may be ordered as self-contained use (if nothing is specified) or as hosed use (just by adding -H to the gas spring standard model).

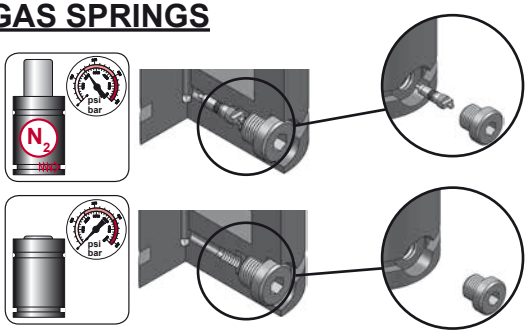
- for a self-contained use (when nothing is specified) are supplied charged to the initial pressure.
- for a hosed use (when -H is added to standard model) are supplied discharged and without the filling valve.

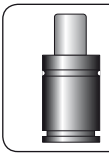
AZOL GAS

# SELF-CONTAINED AND HOSED

## SELF-CONTAINED OR HOSED GAS SPRINGS

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AG 750 050 | | 150 | 2175 | 740 | 1100 |
| AG-H 750 050 | | 0 | 0 | - - - | - - - |

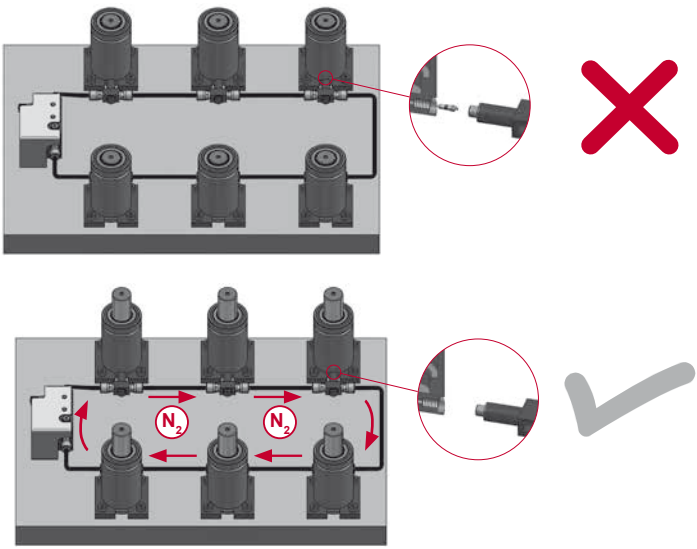


| | | |
|---|---|---|
| ENG | Self-contained gas spring | Gas spring delivered charged (with filling valve) |
| DEU | Autonome Gasdruckfeder | Befüllte Gasdruckfeder (mit Ventil) |
| FRA | Ressort à gaz autonome | Ressort à gaz fourni chargé (avec valve de charge) |
| ITA | Cilindro ad azoto autonomo | Cilindro fornito carico (con valvola di carico) |
| ESP | Cilindro de gas autónomo | Cilindro de gas suministrado cargado (con válvula de carga) |
| POR | Cilindro de gas autônomo | Cilindro de gás fornecido carregado (com válvula de carga) |



| | | |
|---|---|---|
| ENG | Ready to be hosed | Gas spring delivered unfilled (without filling valve) |
| DEU | Fertig zum Verschlauchen | Drucklose Gasdruckfeder (ohne Ventil) |
| FRA | Prêt à être relié | Ressort à gaz fourni non chargé (sans valve de charge) |
| ITA | Pronto per essere collegato | Cilindro fornito scarico (senza valvola di carico) |
| ESP | Preparado para conexionar | Cilindro de gas suministrado descargado (sin válvula de carga) |
| POR | Pronto a ser interligado | Cilindro de gás fornecido descarregado (sem válvula de carga) |



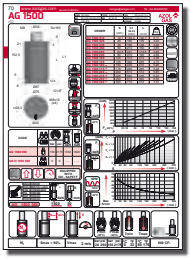

When the pressure pushes the filling valve it opens and let the flow of gas, but when there is no pressure pushing the filling valve, it keep closed and do not allow the exit of gas.
Warning: if the filling valve is installed into the gas springs, the gas springs are not linked each other into a circuit and cannot be charged through the control panel, it is necessary to remove the filling valve from the gas springs in order to keep N2 pressure through the circuit.

# SAFETY-VDI

AZOL GAS

## GAS SPRINGS EQUIPPED WITH VDI-SAFETY

| MODEL | SAFETY-VDI (VDI 3003 / ⇧ / ⇩ / ◔) |
|---|---|
| AFJ V1 | ✓ |
| AFC | ✓ |
| AG 150 | ✓ |
| AG 250 | ✓ |
| AG 500 | ✓ |
| AG 750 | ✓ |
| AG 1500 | ✓ |
| AG 3000 | ✓ |
| AG 5000 | ✓ |
| AG 7500 | ✓ |
| AG 10000 | ✓ |
| CD 300 V1 | ✓ |
| CD 500 V1 | ✓ |
| CD 700 | ✓ |
| CD 1000 V1 | ✓ |
| CD 1500 V2 | ✓ |
| CD 2400 | ✓ |
| CD 4200 | ✓ |
| CD 6600 | ✓ |
| CD 9600 | ✓ |
| CD 18500 | ✓ |
| CW 170 V1 | ✓ |
| CW 320 V1 | ✓ |
| CW 350 V1 | ✓ |
| CW 500 V1 | ✓ |
| CW 750 V1 | ✓ |
| CW 1000 V2 | ✓ |
| CW 1500 | ✓ |
| CW 2400 V1 | ✓ |
| CW 4200 V1 | ✓ |
| CW 6600 | ✓ |
| CW 9500 | ✓ |
| CW 11800 | ✓ |
| CW 20000 | ✓ |




⇧ > Vmax Over-Speed safety

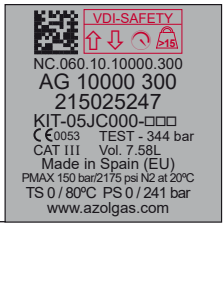
⇩ > S Over-Stroke safety

◔ > Pmax Over-Pressure safety

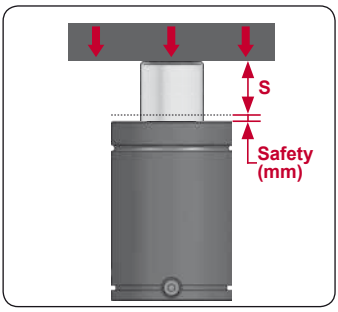
VDI 3003 (⇧ ⇩ ◔)

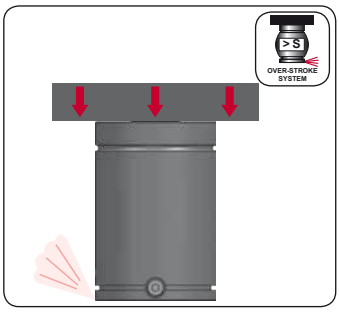
**WARNING! EQUIPPED WITH VDI-SAFETY**
CAUTION: EXCEEDING NOMINAL STROKE WILL DISCHARGE GAS SPRING

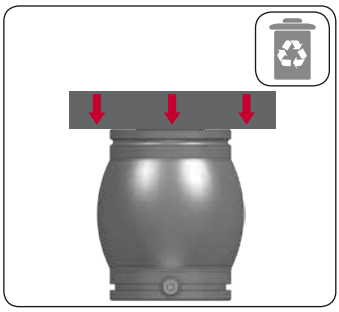




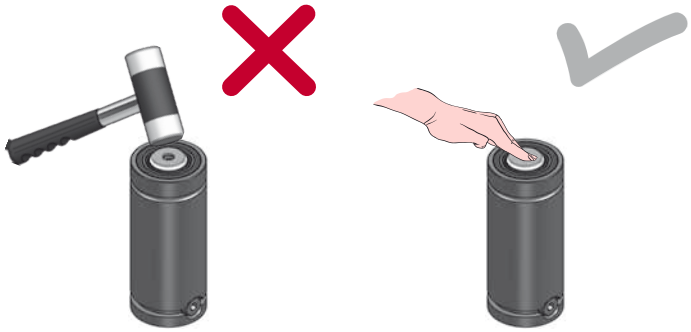



In the event of exceeding the maximum allowable stroke, over-stroke safety system prevents projection of parts under pressure and discharge the pressure completely in a controlled way.
Over-stroke safety system enables the use of 100% of total nominal stroke (S).

Check if exceeded the maximum allowed stroke.
Once activated, the over-stroke safety system prevents the reuse or refill of gas spring.
Remove the gas spring.

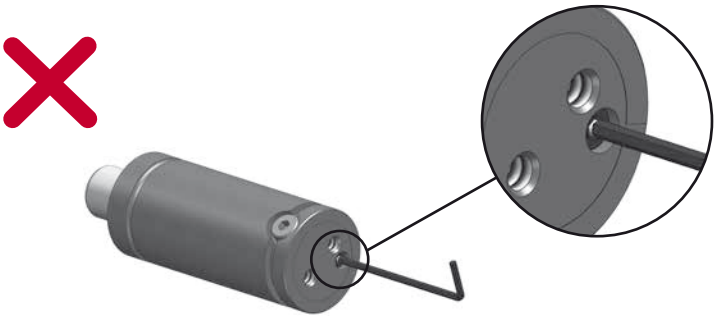
AZOL GAS

# SAFETY-VDI

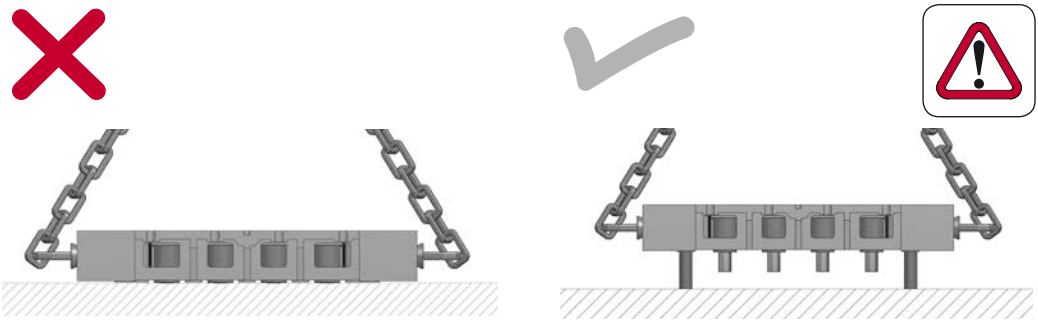



WARNING IN REPAIR OPERATIONS:
Once the gas spring is fully discharged, push down the piston rod by hand, never using a tool.

In some gas springs series, should the piston rod is pushed down over the nominal stroke (S) the over-stroke safety device would be activated.



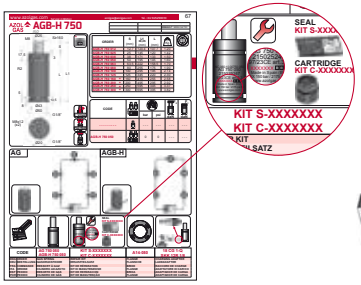
WARNING IN GAS SPRING MANIPULATION:
Over-stroke safety is protected to prevent its manipulation.
Do not manipulate over-stroke safety, manipulating over-stroke safety can result in high safety risk, failure of gas spring and personal injury.



WARNING IN TOOL MAINTENANCE:
When handling the tool do not support the weight of the tool over the gas springs, if so the gas spring over-stroke safety will be activated.

# REPAIR KIT

AZOL GAS




**KIT C-XXXXXXX**

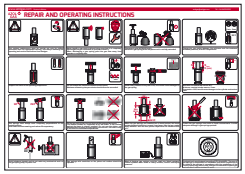


**KIT S-XXXXXXX**





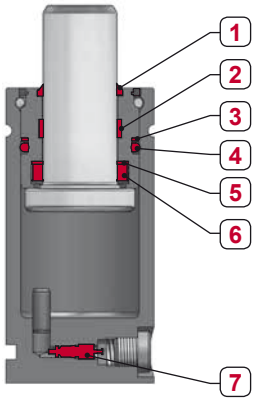




The Repair KIT includes the seals, the lubricating oil and the operating instructions.

Example of Repair KIT (only seals): KIT S-05JC000
Example of Repair KIT (cartridge): KIT C-05JC000

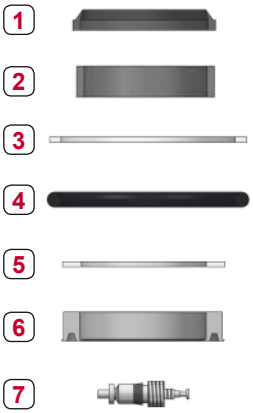
## SEAL KIT



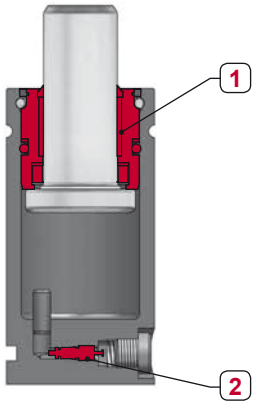

**KIT S-XXXXXXX**



| Part | Description | Quantity |
|---|---|---|
| 1 | Wiper | 1 |
| 2 | Guide | 1 |
| 3 | O.Ring Protector | 1 |
| 4 | O.ring | 1 |
| 5 | Gasket Protector | 1 |
| 6 | Gasket | 1 |
| 7 | Filling valve | 1 |
| | Oil bottle | 1 |
| | Operating instructions | 1 |




## CARTRIDGE KIT




**KIT C-XXXXXXX**



| Part | Description | Quantity |
|---|---|---|
| 1 | Cartridge | 1 |
| 2 | Filling valve | 1 |
| | Oil bottle | 1 |
| | Operating instructions | 1 |

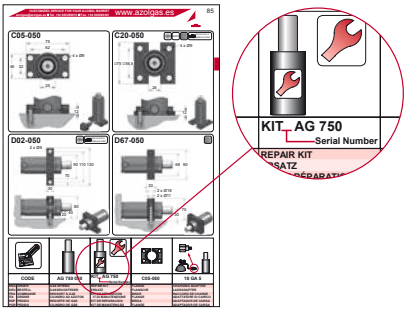


AZOL GAS

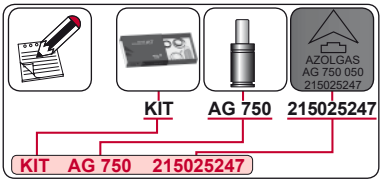
# REPAIR KIT

## HOW TO ORDER KIT REPAIR (OLD VERSION)



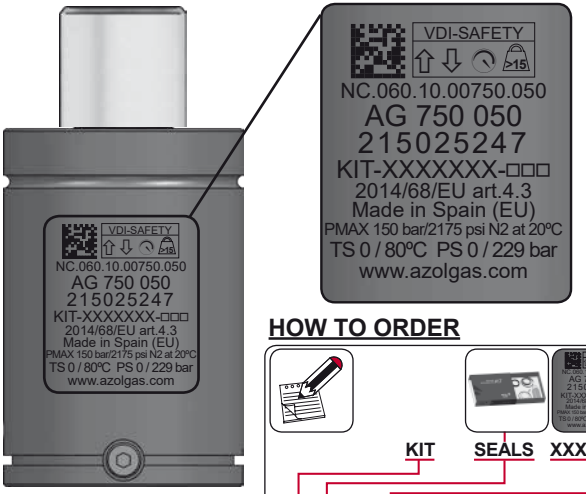



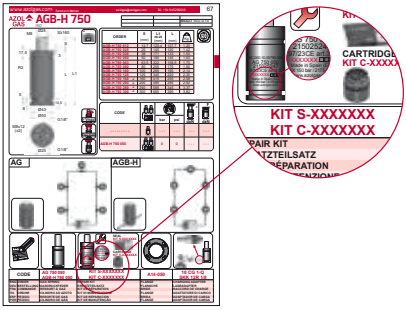

### HOW TO ORDER



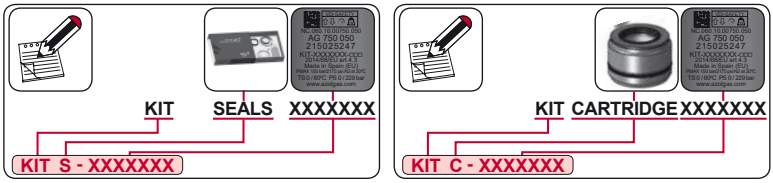

Should the gas spring be marked a serial number on the body (e.g. 215025247), the way to order the kit repair is as follows: KIT – gas spring model – serial number.

## HOW TO ORDER KIT REPAIR (NEW VERSION)




### HOW TO ORDER



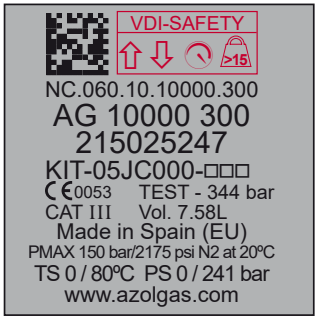

Should the gas spring be marked a serial number on the body (e.g. 215025247), but additionally it has engraved the word KIT with an associated kit repair number (e.g. KIT 1234567), the way to order the kit repair is as follows: KIT – serial number of the kit repair engraved – S (only seals) or KIT – serial number of the kit repair engraved – C (cartridge). □□□ are used to mark repairs (e.g. X□□ ).

# MARKING GAS SPRING

AZOL GAS




**1**



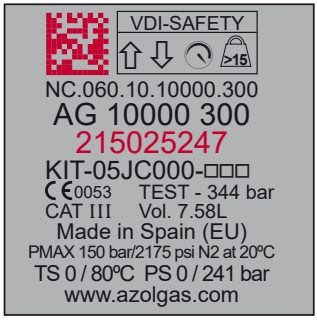

VDI-SAFETY
- Vmax⇧ (over-speed safety device)
- Smax⇩ (over-stroke safety device)
- Pmax (over-pressure safety device)
- Warning weight > 15 kg.

**2**




NITROCYL part number.
AZOLGAS part number.

**3**




Data Matrix (serial number).

**4**




Repair KIT.
The Repair KIT code engraved on the body identifies each gas spring with its corresponding Repair KIT.

**5**

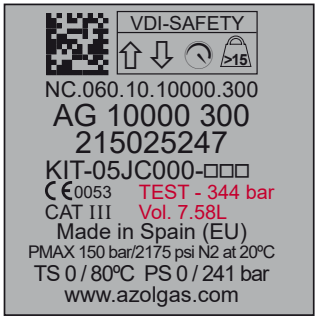



Marking PED 2014/68/EU:
-Article 4.3
-Category I
-Category II
-Category III-IV

AZOL GAS

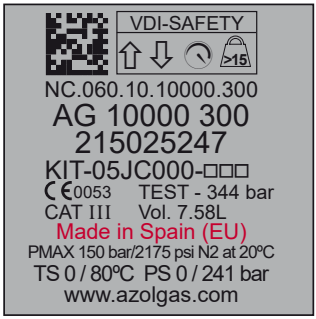
# MARKING GAS SPRING

**6**




Marking of Test Pressure and gas volume (only for gas springs under Category III-IV).

**7**




Country of origin.

**8**



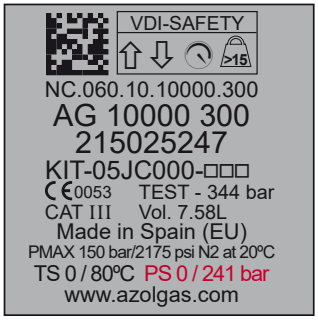

PMAX: maximum charging pressure on gas spring at 20ºC.

**9**




Operating temperature 0-80ºC.

**10**




Design pressure.

**11**

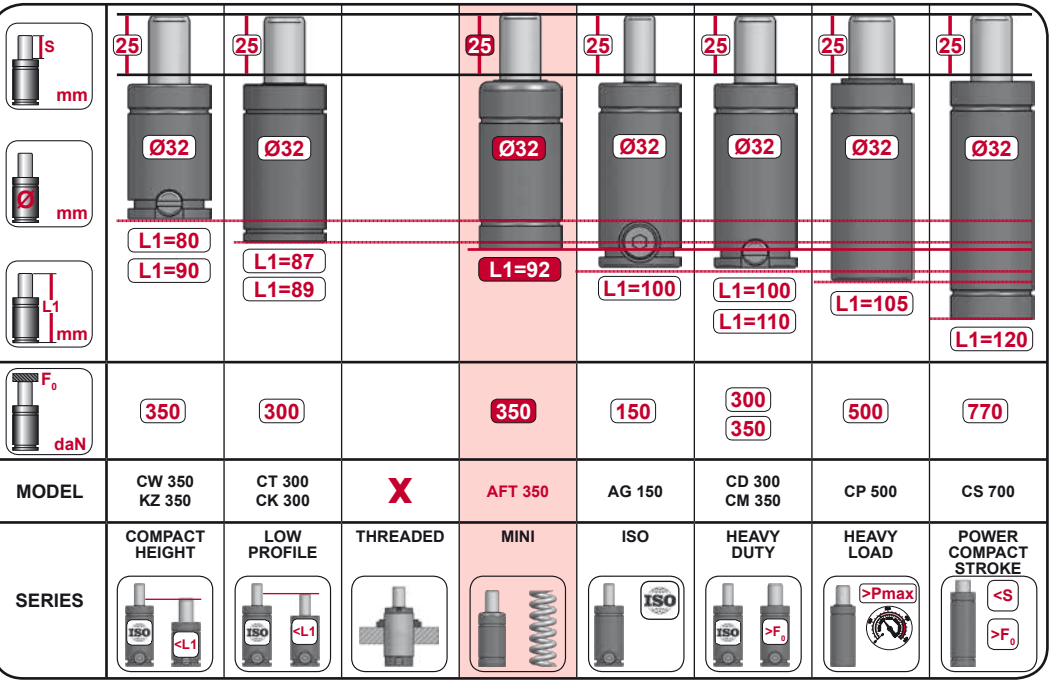



Marking from manufacturer.

AZOL GAS

# AF_ MINI

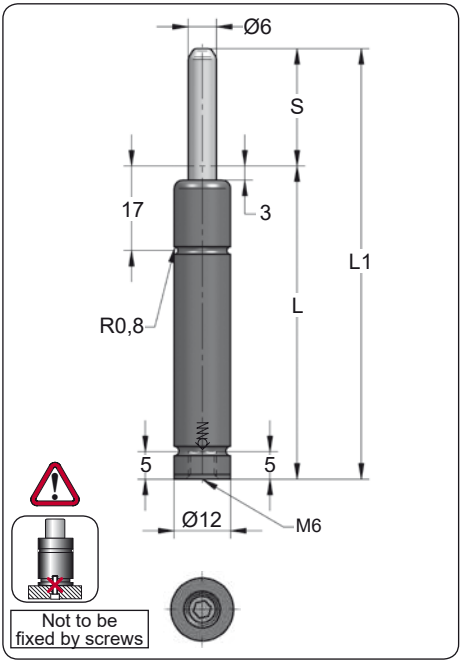
| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| AFB V2 | 50 | Ø12 | 7 - 80 | 56 - 205 | 180 | M6 | X | X |
| AFH V1 | 90 | Ø15 | 7 - 80 | 56 - 205 | 180 | M6 | X | X |
| AFJ V1 | 90 | Ø19 | 7 - 125 | 56 - 295 | 180 | M6 | X | X |
| AFK V1 | 100 | Ø20 | 10 - 80 | 74 - 214 | 160 | M6 | X | X |
| AFD V1 | 200 | Ø25 | 7 - 125 | 56 - 295 | 180 | M6 | X | X |
| AFC | 200 | Ø25 | 7 - 125 | 56 - 295 | 180 | M6 | X | ✔ |
| AFNA | 200 | Ø25 | 10 - 50 | 65 - 145 | 180 | M6 | X | ✔ |
| AF V1 | 200 | Ø25 | 12 - 100 | 78 - 254 | 180 | M6 | X | X |
| AFT V1 | 350 | Ø32 | 7 - 125 | 56 - 295 | 180 | M6 | X | X |



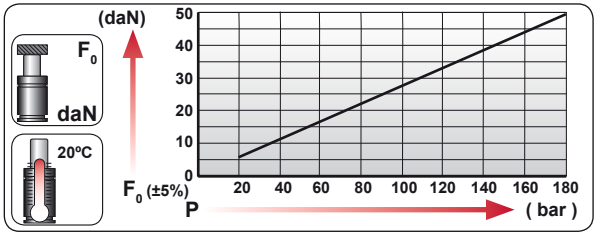
# AFB V2

*Mini*

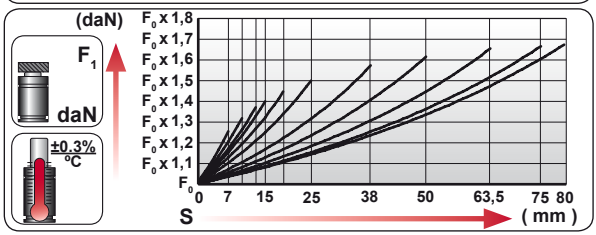
AZOL GAS




| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AFB ___ 007 V2 | 7 | 56 | 49 | 0.03 |
| AFB ___ 010 V2 | 10 | 62 | 52 | 0.03 |
| AFB ___ 012 V2 | 12.7 | 67.4 | 54.7 | 0.03 |
| AFB ___ 015 V2 | 15 | 72 | 57 | 0.04 |
| AFB ___ 019 V2 | 19 | 80 | 61 | 0.04 |
| AFB ___ 025 V2 | 25 | 92 | 67 | 0.04 |
| AFB ___ 038 V2 | 38 | 118 | 80 | 0.05 |
| AFB ___ 050 V2 | 50 | 142 | 92 | 0.06 |
| AFB ___ 063 V2 | 63.5 | 172 | 108.5 | 0.06 |
| AFB ___ 075 V2 | 75 | 195 | 120 | 0.07 |
| AFB ___ 080 V2 | 80 | 205 | 125 | 0.07 |




| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFB 13 050 V2 | Green | 45 | 650 | 13 | 20 |
| AFB 25 050 V2 | Blue | 90 | 1305 | 25 | 40 |
| AFB 38 050 V2 | Red | 135 | 1960 | 38 | 60 |
| AFB 50 050 V2 | Yellow | 180 | 2610 | 50 | 80 |
| AFB XX 050 V2 | Black | 20-180 | 290-2610 | 6 - 50 | 9 - 80 |

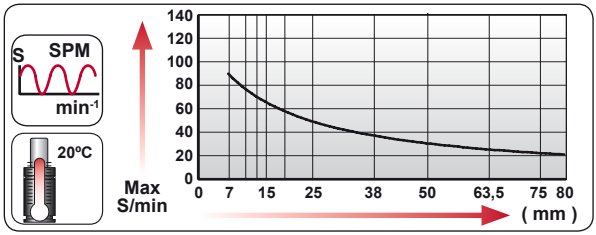


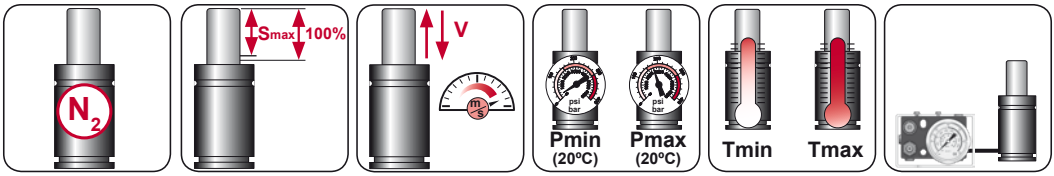

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




AFB 50 50

AFB 50 050 V2



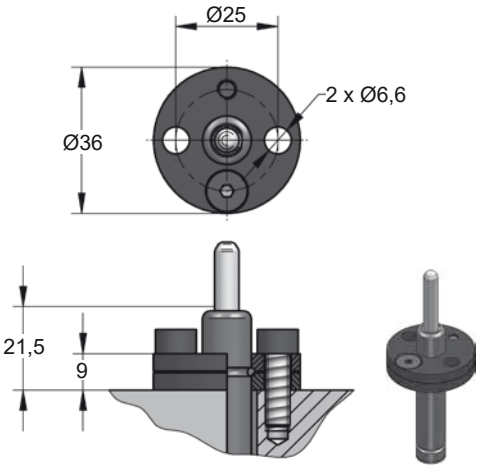

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 |
|---|---|---|---|---|---|---|

AZOL GAS

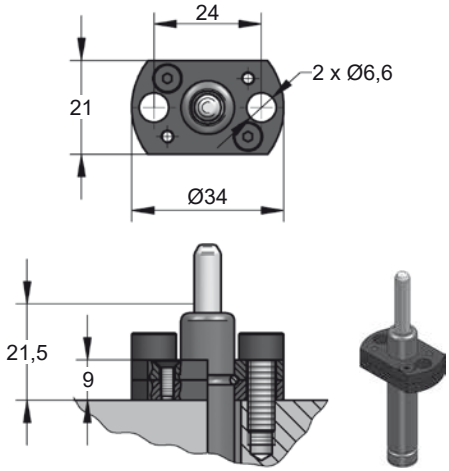
# AFB V2 MOUNTS

*Mini*

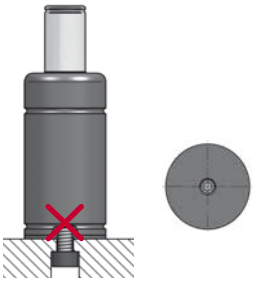
## A14-012




## A59-012




## Single base thread

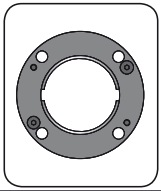


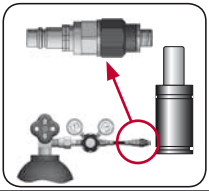
Gas springs with only a single base thread should not be mounted by screws.







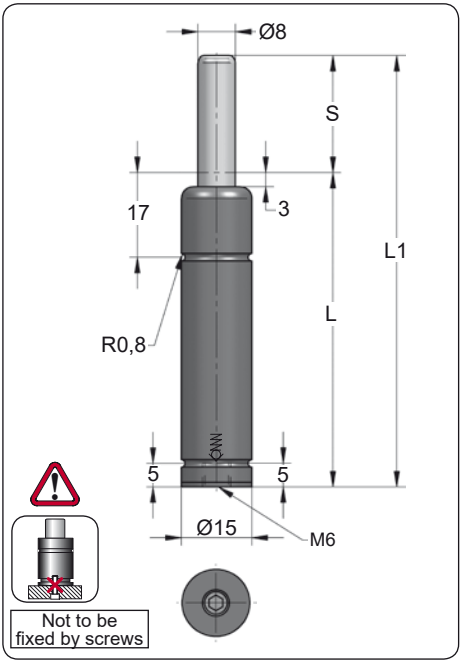


| CODE | | AFB 50 050 V2 | | A14-012 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

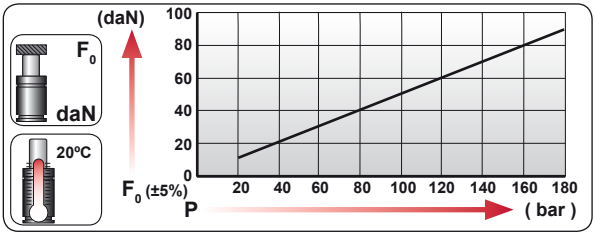
# AFH V1

*Mini*

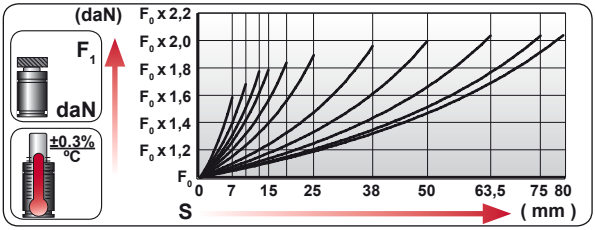
AZOL GAS



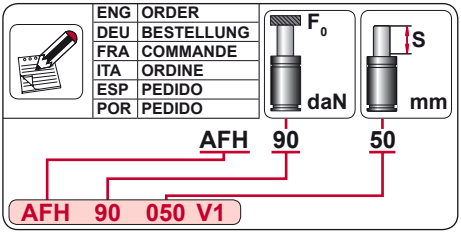

| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AFH ___ 007 V1 | 7 | 56 | 49 | 0.06 |
| AFH ___ 010 V1 | 10 | 62 | 52 | 0.06 |
| AFH ___ 012 V1 | 12.7 | 67.4 | 54.7 | 0.06 |
| AFH ___ 015 V1 | 15 | 72 | 57 | 0.06 |
| AFH ___ 019 V1 | 19 | 80 | 61 | 0.07 |
| AFH ___ 025 V1 | 25 | 92 | 67 | 0.07 |
| AFH ___ 038 V1 | 38 | 118 | 80 | 0.08 |
| AFH ___ 050 V1 | 50 | 142 | 92 | 0.09 |
| AFH ___ 063 V1 | 63.5 | 172 | 108.5 | 0.10 |
| AFH ___ 075 V1 | 75 | 195 | 120 | 0.11 |
| AFH ___ 080 V1 | 80 | 205 | 125 | 0.12 |

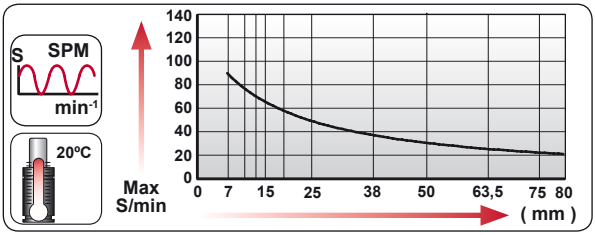


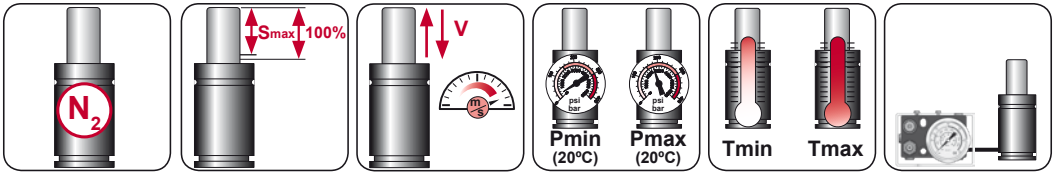

| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFH 18 050 V1 | Green | 35 | 510 | 18 | 35 |
| AFH 35 050 V1 | Blue | 70 | 1015 | 35 | 70 |
| AFH 50 050 V1 | Red | 100 | 1450 | 50 | 100 |
| AFH 70 050 V1 | Yellow | 140 | 2030 | 70 | 140 |
| AFH XX 050 V1 | Black | 20-180 | 290-2610 | 10 - 90 | 20 - 180 |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



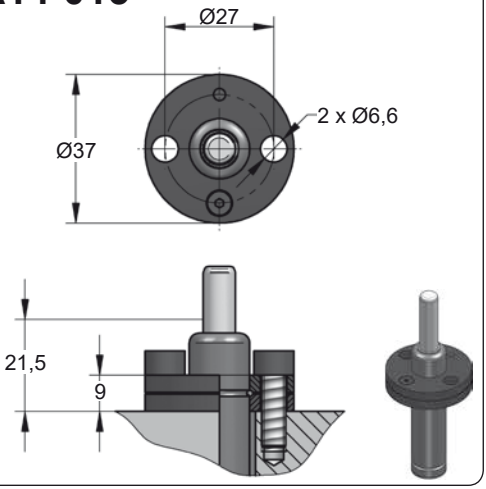

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

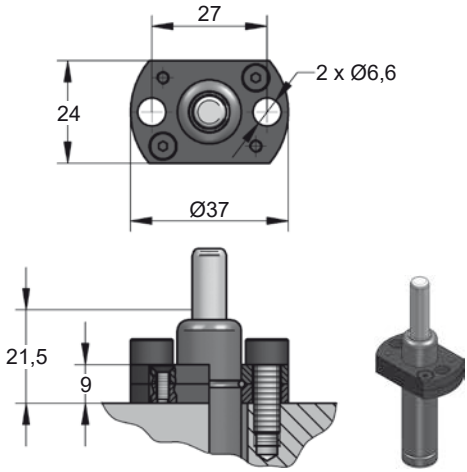
# AFH V1 MOUNTS

*Mini*

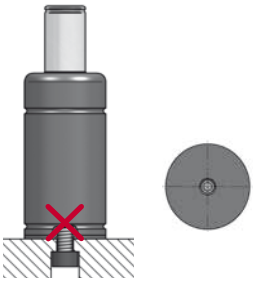
## A14-015




## A49-015




## Single base thread

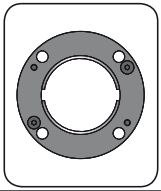


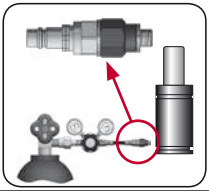
Gas springs with only a single base thread should not be mounted by screws.









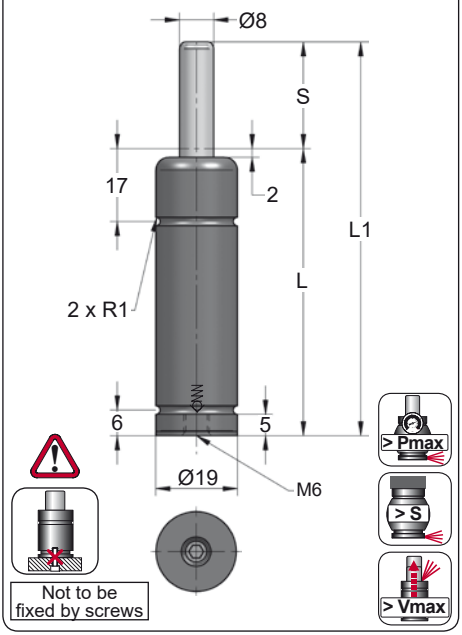
| CODE | | AFH 90 050 V1 | | A14-015 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AFJ V1

*Mini*

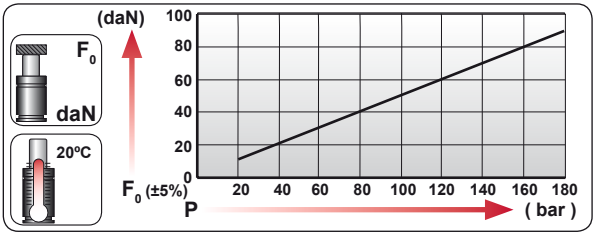
| | | | |
|---|---|---|---|
| **BMW** | B2 4006 | **FORD** | W-DX35-8036 |
| **MB** | B8 3180 220 000 002 | | |
| **VW** | 39D 878 | | |

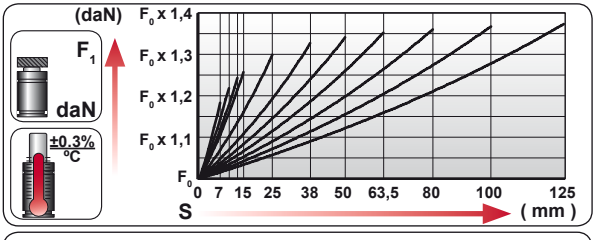
AZOL GAS




| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AFJ ___ 007 V1 | 7 | 56 | 49 | 0.07 |
| AFJ ___ 010 V1 | 10 | 62 | 52 | 0.07 |
| AFJ ___ 012 V1 | 12.7 | 67.4 | 54.7 | 0.08 |
| AFJ ___ 015 V1 | 15 | 72 | 57 | 0.08 |
| AFJ ___ 025 V1 | 25 | 92 | 67 | 0.10 |
| AFJ ___ 038 V1 | 38 | 118 | 80 | 0.11 |
| AFJ ___ 050 V1 | 50 | 142 | 92 | 0.12 |
| AFJ ___ 063 V1 | 63.5 | 172 | 108.5 | 0.14 |
| AFJ ___ 080 V1 | 80 | 205 | 125 | 0.16 |
| AFJ ___ 100 V1 | 100 | 245 | 145 | 0.18 |
| AFJ ___ 125 V1 | 125 | 295 | 170 | 0.21 |

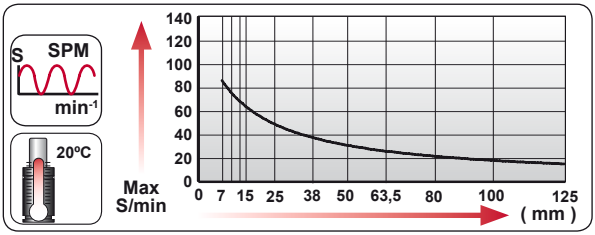
PED · ISO 11901 · VDI 3003




| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFJ 30 050 V1 | Green | 60 | 870 | 30 | 40 |
| AFJ 50 050 V1 | Blue | 100 | 1450 | 50 | 70 |
| AFJ 70 050 V1 | Red | 140 | 2030 | 70 | 95 |
| AFJ 90 050 V1 | Yellow | 180 | 2610 | 90 | 120 |
| AFJ XX 050 V1 | Black | 20-180 | 290-2610 | 10 - 90 | 13 - 120 |

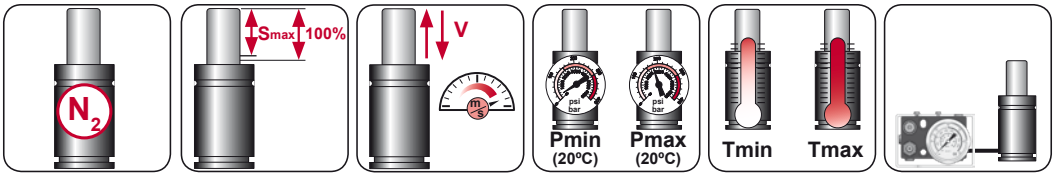
VDI 3003 — EQUIPPED WITH VDI - SAFETY




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: **90** — S mm: **50**

**AFJ 90 050 V1**



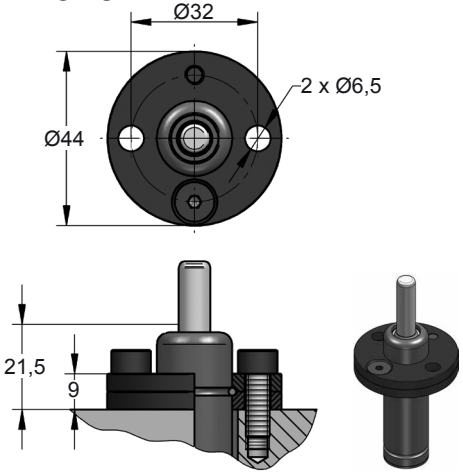

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

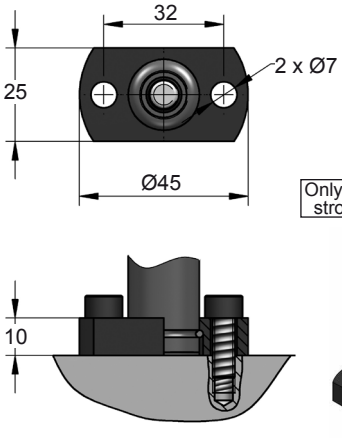
# AFJ V1 MOUNTS

Mini

## A14-019

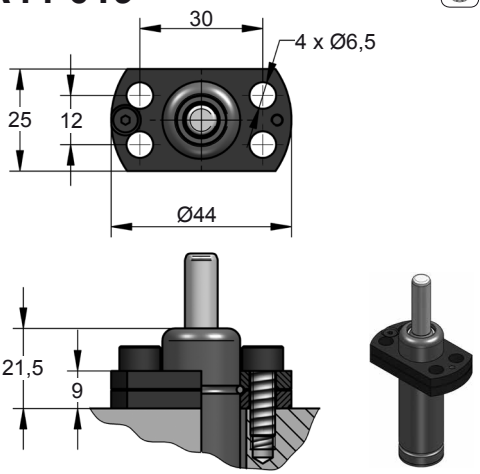



## A19-019

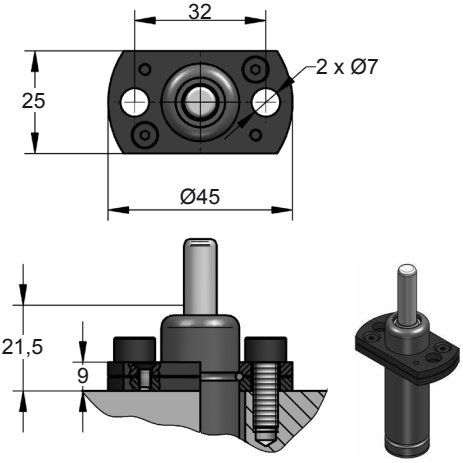



Only to be used for strokes 7-25 mm

## A44-019




## A59-019

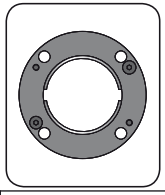


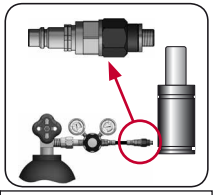










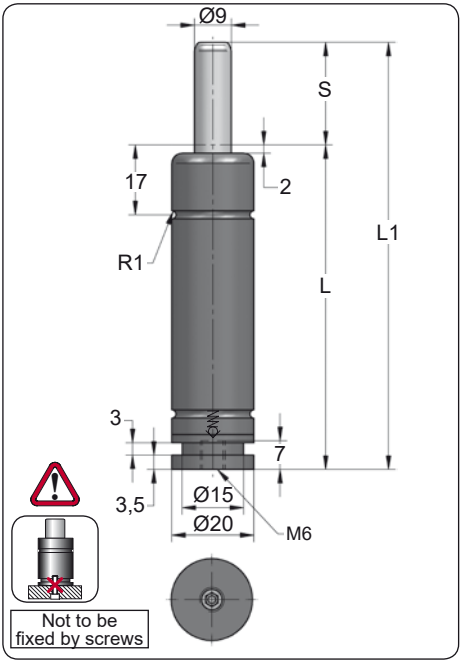


| CODE | | AFJ 90 050 V1 | | A14-019 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

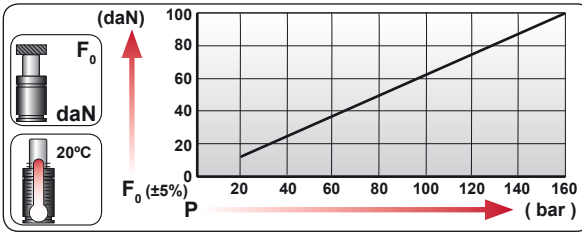
# AFK V1

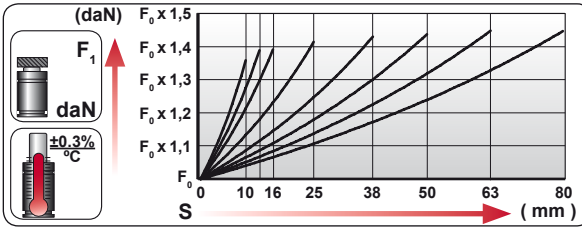
*Mini*

AZOL GAS




| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AFK ___ 010 V1 | 10 | 74 | 64 | 0.09 |
| AFK ___ 012 V1 | 12.7 | 79.4 | 66.7 | 0.10 |
| AFK ___ 016 V1 | 16 | 86 | 70 | 0.13 |
| AFK ___ 025 V1 | 25 | 104 | 79 | 0.15 |
| AFK ___ 038 V1 | 38 | 130 | 92 | 0.16 |
| AFK ___ 050 V1 | 50 | 154 | 104 | 0.18 |
| AFK ___ 063 V1 | 63 | 180 | 117 | 0.19 |
| AFK ___ 080 V1 | 80 | 214 | 134 | 0.23 |



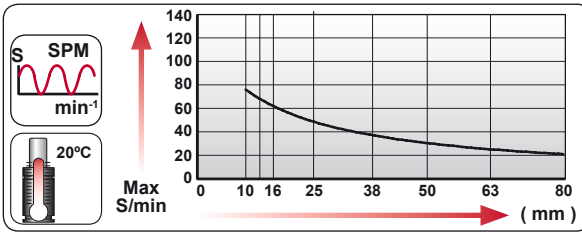

| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFK 25 050 V1 | Green | 40 | 580 | 25 | 35 |
| AFK 50 050 V1 | Blue | 80 | 1160 | 50 | 70 |
| AFK 75 050 V1 | Red | 120 | 1740 | 75 | 105 |
| AFK 100 050 V1 | Yellow | 160 | 2320 | 100 | 140 |
| AFK XXX 050 V1 | Black | 20-160 | 290-2320 | 13 - 100 | 18 - 140 |

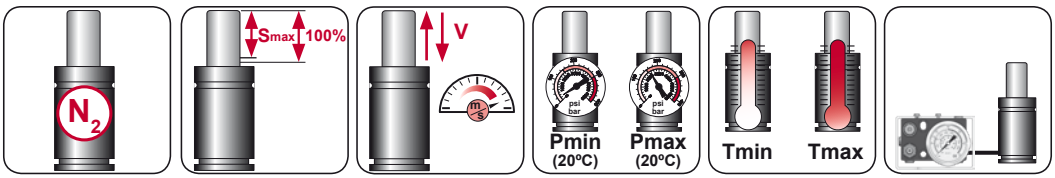
| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

AFK 100 50

AFK 100 050 V1



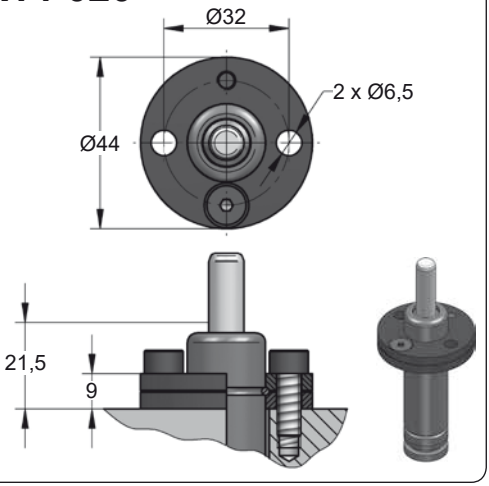

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 160 2320 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

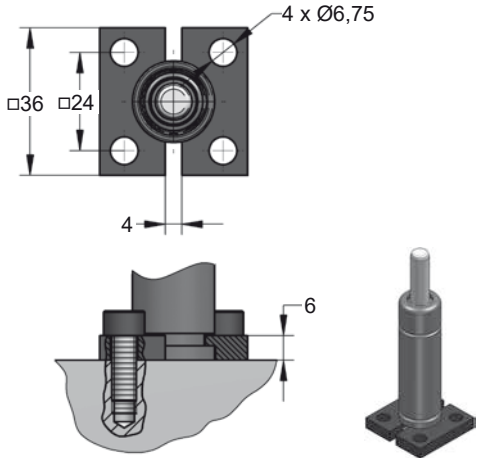
# AFK V1 MOUNTS

*Mini*

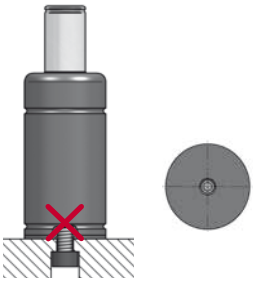
## A14-020




## C15-020




## Single base thread



Gas springs with only a single base thread should not be mounted by screws.

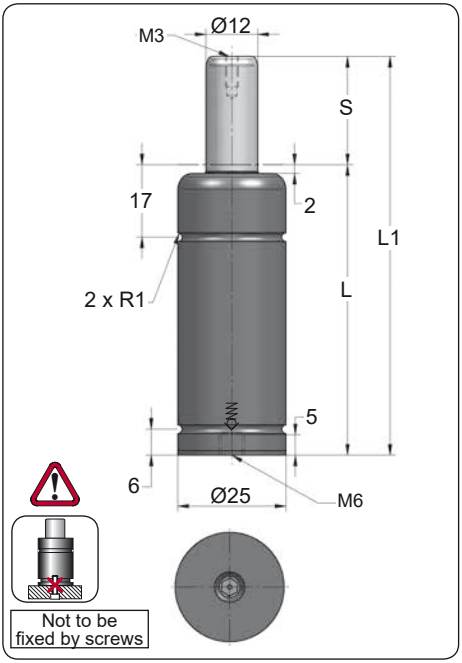



| CODE | | AFK 100 050 V1 | | A14-020 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

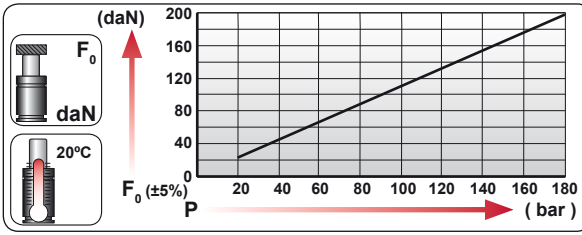
# AFD V1

*Mini*

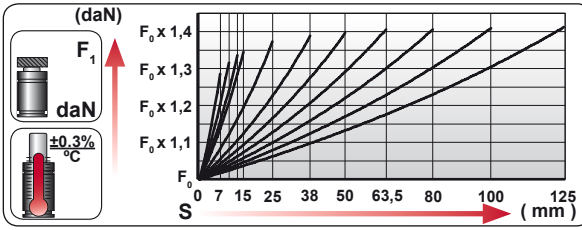
AZOL GAS



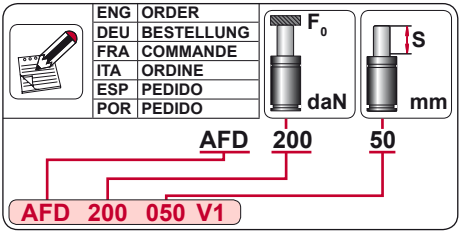

| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AFD ___ 007 V1 | 7 | 56 | 49 | 0.14 |
| AFD ___ 010 V1 | 10 | 62 | 52 | 0.14 |
| AFD ___ 012 V1 | 12.7 | 67.4 | 54.7 | 0.15 |
| AFD ___ 015 V1 | 15 | 72 | 57 | 0.16 |
| AFD ___ 025 V1 | 25 | 92 | 67 | 0.18 |
| AFD ___ 038 V1 | 38 | 118 | 80 | 0.21 |
| AFD ___ 050 V1 | 50 | 142 | 92 | 0.24 |
| AFD ___ 063 V1 | 63.5 | 172 | 108.5 | 0.28 |
| AFD ___ 080 V1 | 80 | 205 | 125 | 0.32 |
| AFD ___ 100 V1 | 100 | 245 | 145 | 0.36 |
| AFD ___ 125 V1 | 125 | 295 | 170 | 0.39 |

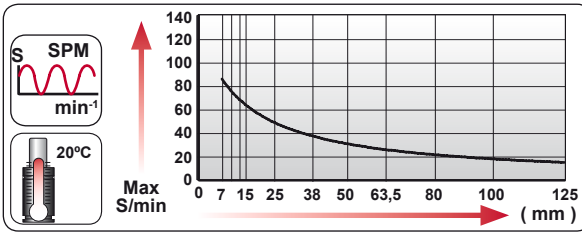


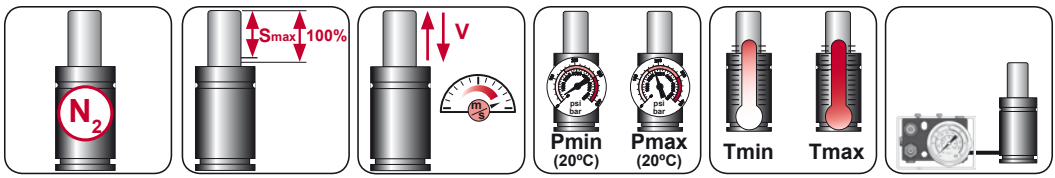

| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFD 50 050 V1 | Green | 45 | 650 | 50 | 70 |
| AFD 100 050 V1 | Blue | 90 | 1305 | 100 | 140 |
| AFD 150 050 V1 | Red | 135 | 1960 | 150 | 210 |
| AFD 200 050 V1 | Yellow | 180 | 2610 | 200 | 280 |
| AFD XXX 050 V1 | Black | 20-180 | 290-2610 | 23 - 200 | 32 - 280 |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



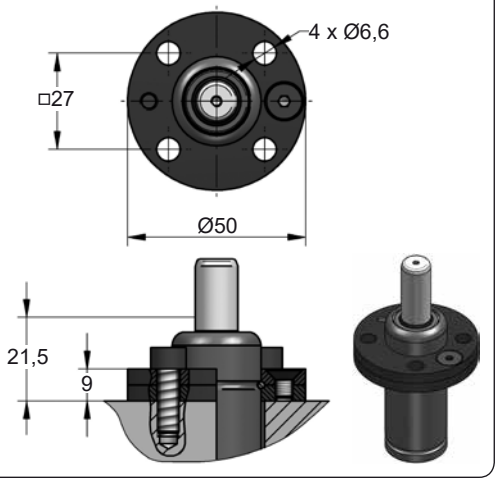

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

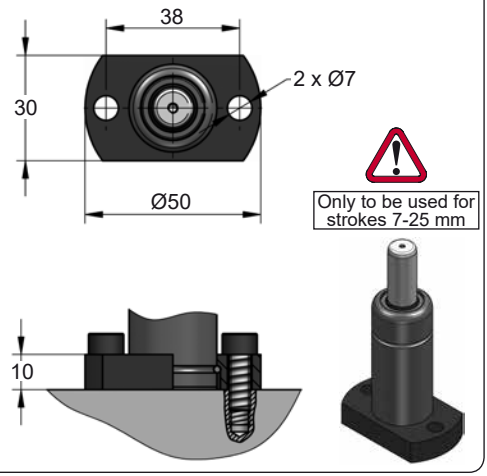
# AFD V1 MOUNTS

*Mini*

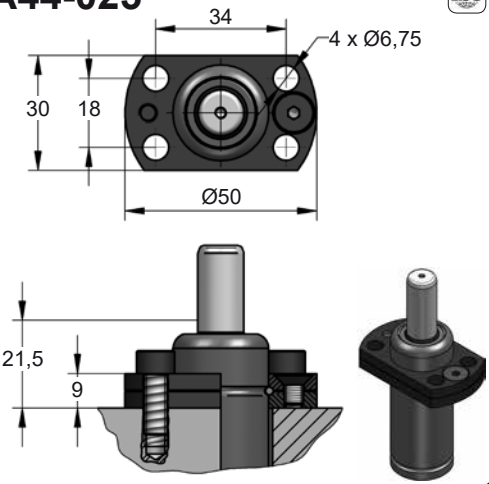
## A14-025



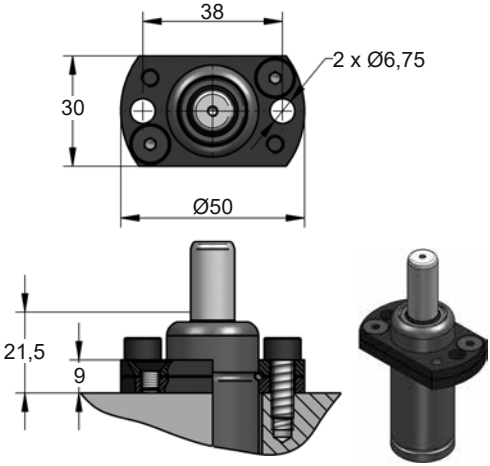

## A19-025




## A44-025




## A49-025

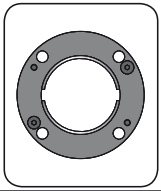


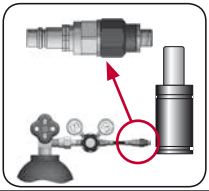










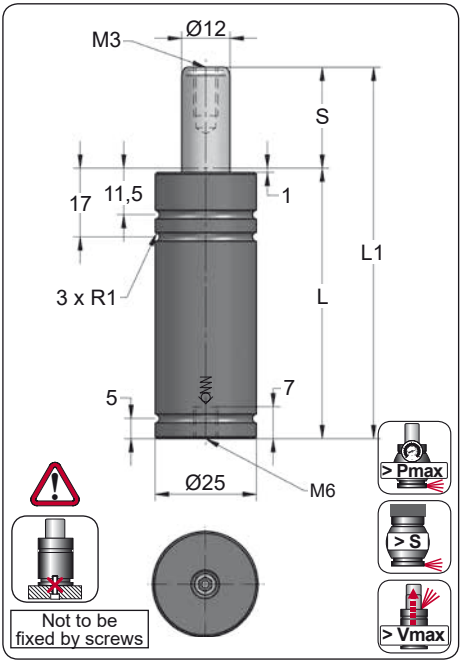


| CODE | | AFD 200 050 V1 | | A14-025 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AFC
*Mini*

| | | | | |
|---|---|---|---|---|
| **BMW** | B2 4006 | | **PSA** | E24.54.815.G |
| **MB** | B8 3180 220 000 002 | | | |
| **VW** | 39D 878 | | | |

AZOL GAS

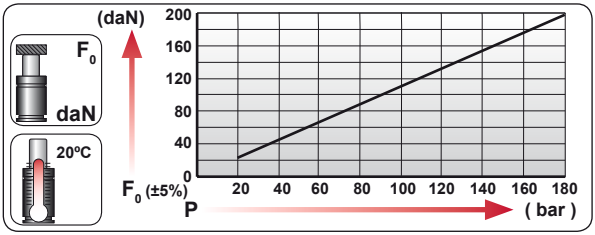


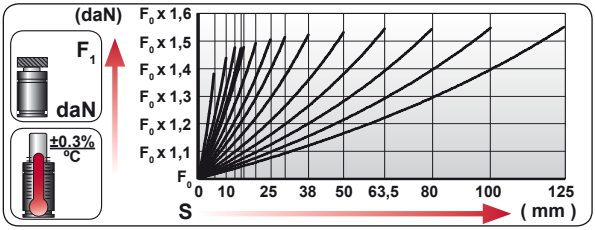

| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AFC ___ 007 | 7 | 56 | 49 | 0.14 |
| AFC ___ 010 | 10 | 62 | 52 | 0.15 |
| AFC ___ 012 | 12.7 | 67.4 | 54.7 | 0.16 |
| AFC ___ 015 | 15 | 72 | 57 | 0.17 |
| AFC ___ 016 | 16 | 74 | 58 | 0.17 |
| AFC ___ 020 | 20 | 82 | 62 | 0.18 |
| AFC ___ 025 | 25 | 92 | 67 | 0.18 |
| AFC ___ 030 | 30 | 102 | 72 | 0.21 |
| AFC ___ 038 | 38 | 118 | 80 | 0.21 |
| AFC ___ 050 | 50 | 142 | 92 | 0.24 |
| AFC ___ 063 | 63.5 | 172 | 108.5 | 0.27 |
| AFC ___ 080 | 80 | 205 | 125 | 0.31 |
| AFC ___ 100 | 100 | 245 | 145 | 0.35 |
| AFC ___ 125 | 125 | 295 | 170 | 0.41 |

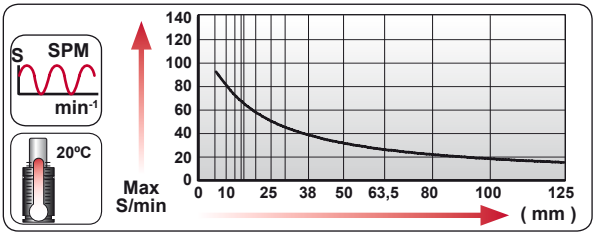
PED APPROVED QUALITY SYSTEM

ISO 11901

VDI 3003




| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFC 50 050 | Green | 45 | 650 | 50 | 75 |
| AFC 100 050 | Blue | 90 | 1305 | 100 | 155 |
| AFC 150 050 | Red | 135 | 1960 | 150 | 230 |
| AFC 200 050 | Yellow | 180 | 2610 | 200 | 305 |
| AFC XXX 050 | Black | 20-180 | 290-2610 | 23 - 200 | 35 - 305 |

VDI 3003

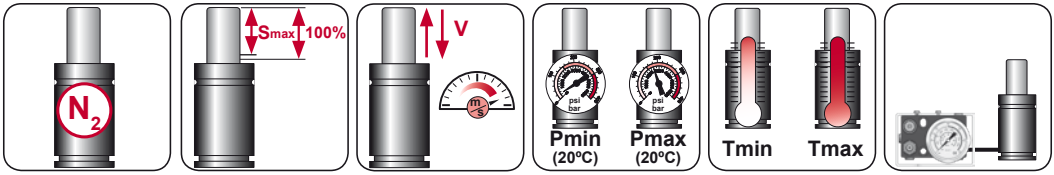
EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

AFC 200 050

$F_0$ daN: 200

S mm: 50



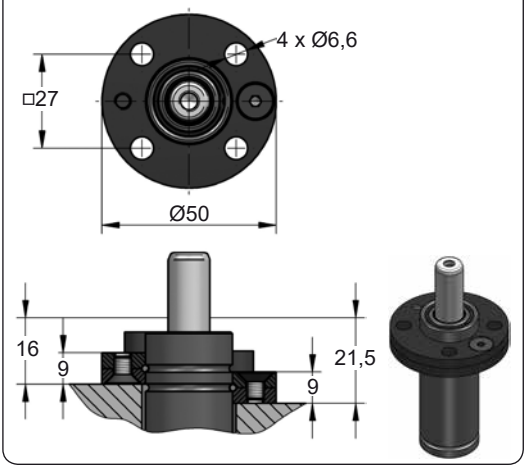

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

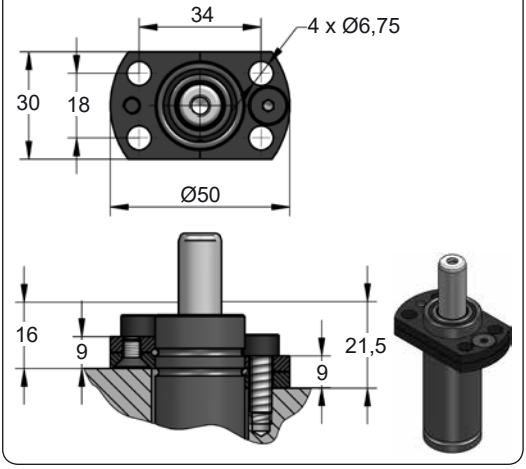
# AFC MOUNTS

*Mini*

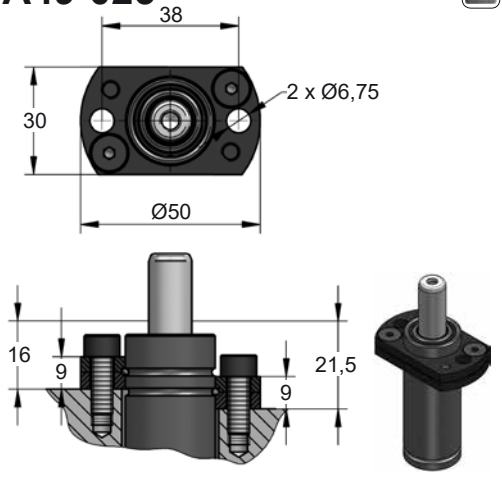
## A14-025



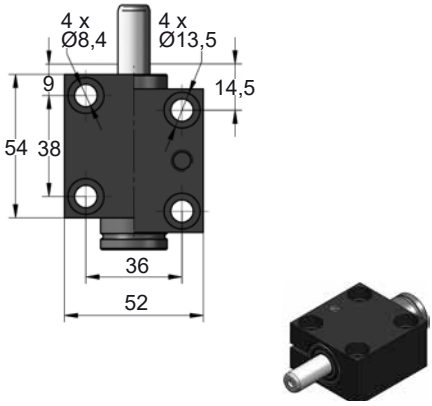

## A44-025




## A49-025




## D02-025

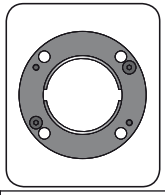


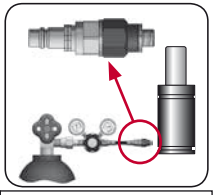








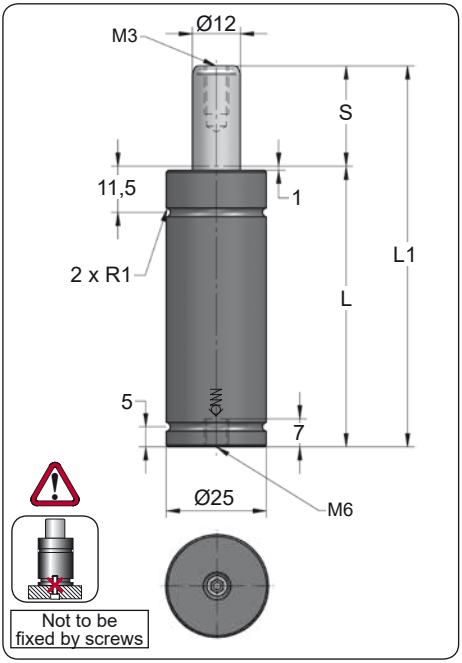




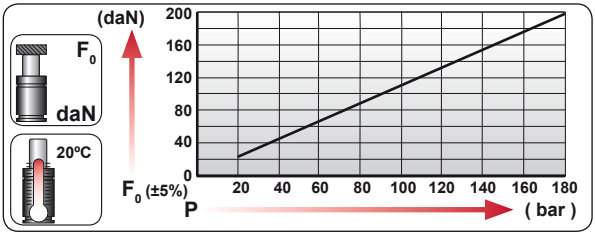
| CODE | | AFC 200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-025 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AFNA
*Mini*

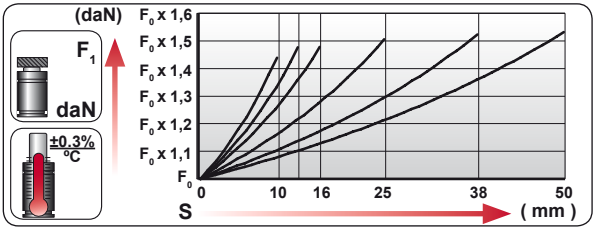
AZOL GAS




| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AFNA ___ 010 | 10 | 65 | 55 | 0.15 |
| AFNA ___ 012 | 12.7 | 70.4 | 57.7 | 0.16 |
| AFNA ___ 016 | 16 | 77 | 61 | 0.17 |
| AFNA ___ 025 | 25 | 95 | 70 | 0.18 |
| AFNA ___ 038 | 38 | 121 | 83 | 0.21 |
| AFNA ___ 050 | 50 | 145 | 95 | 0.24 |




| CODE | COLOR | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|---|
| AFNA 50 050 | Green | 45 | 650 | 50 | 75 |
| AFNA 100 050 | Blue | 90 | 1305 | 100 | 155 |
| AFNA 150 050 | Red | 135 | 1960 | 150 | 230 |
| AFNA 200 050 | Yellow | 180 | 2610 | 200 | 305 |
| AFNA XXX 050 | Black | 20-180 | 290-2610 | 23 - 200 | 35 - 305 |

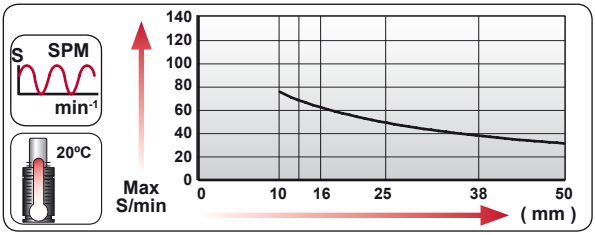


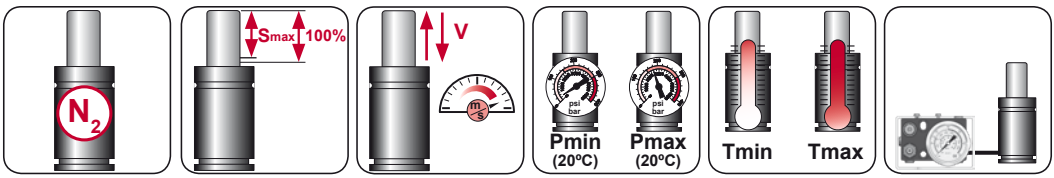

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN — S mm

AFNA 200 50

AFNA 200 050



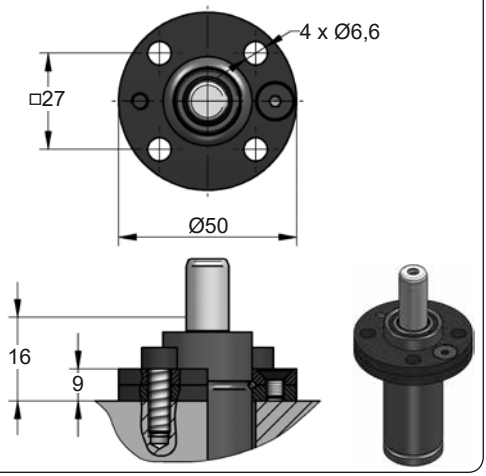

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

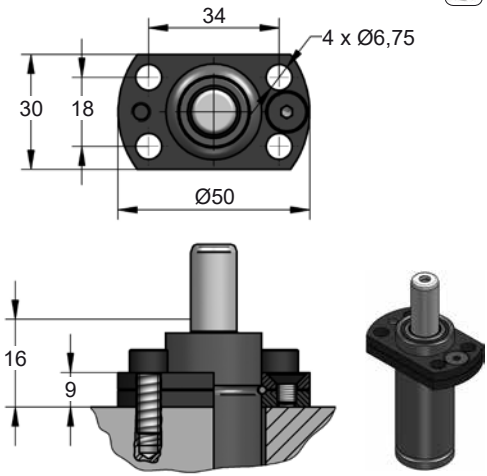
# AFNA MOUNTS

*Mini*

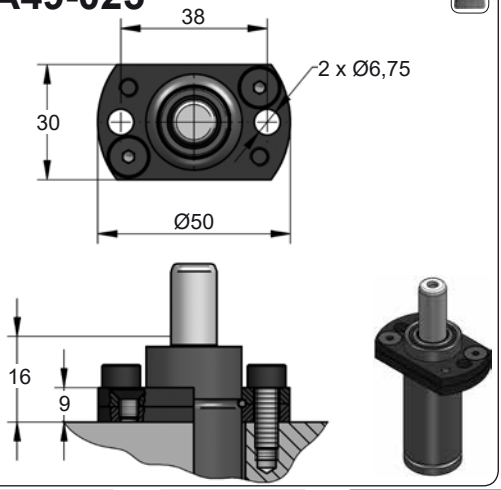
## A14-025



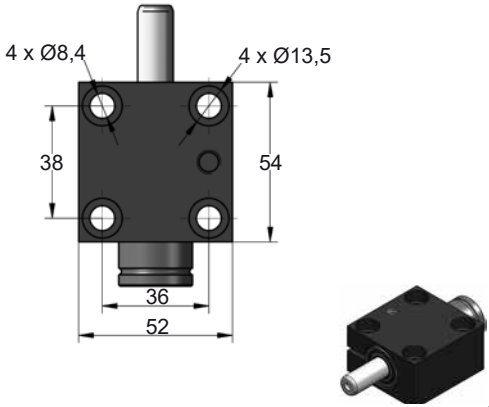

## A44-025




## A49-025




## D02-025

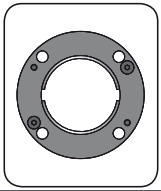


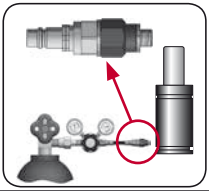










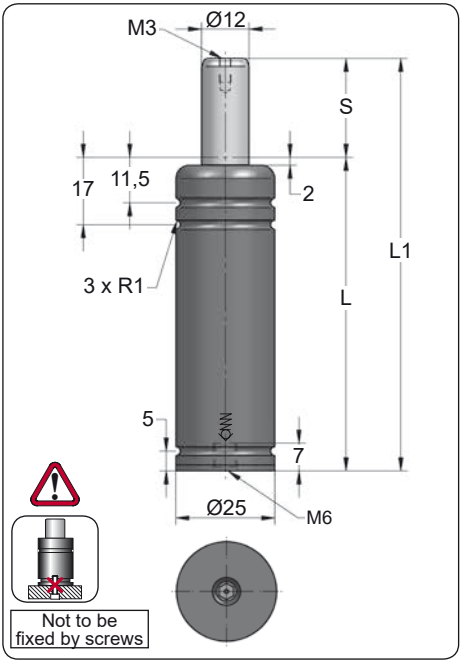


| CODE | | AFNA 200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-025 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

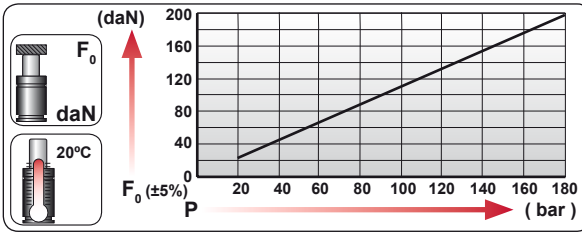
# AF V1

*Mini*

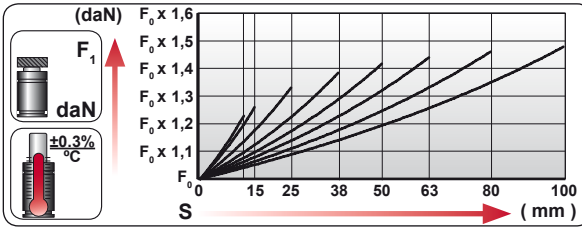
AZOL GAS




| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AF ___ 012 V1 | 12 | 78 | 66 | 0.17 |
| AF ___ 015 V1 | 15 | 84 | 69 | 0.18 |
| AF ___ 025 V1 | 25 | 104 | 79 | 0.21 |
| AF ___ 038 V1 | 38 | 130 | 92 | 0.23 |
| AF ___ 050 V1 | 50 | 154 | 104 | 0.27 |
| AF ___ 063 V1 | 63 | 180 | 117 | 0.29 |
| AF ___ 080 V1 | 80 | 214 | 134 | 0.30 |
| AF ___ 100 V1 | 100 | 254 | 154 | 0.38 |




| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AF 50 050 V1 | Green | 45 | 650 | 50 | 70 |
| AF 100 050 V1 | Blue | 90 | 1305 | 100 | 135 |
| AF 150 050 V1 | Red | 135 | 1960 | 150 | 205 |
| AF 200 050 V1 | Yellow | 180 | 2610 | 200 | 270 |
| AF XXX 050 V1 | Black | 20-180 | 290-2610 | 23 - 200 | 30 - 270 |

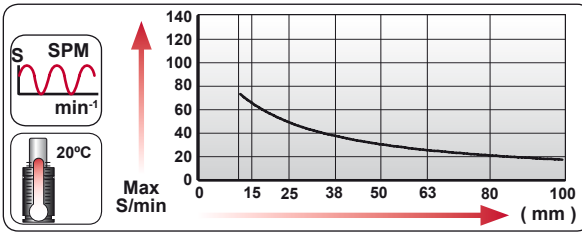


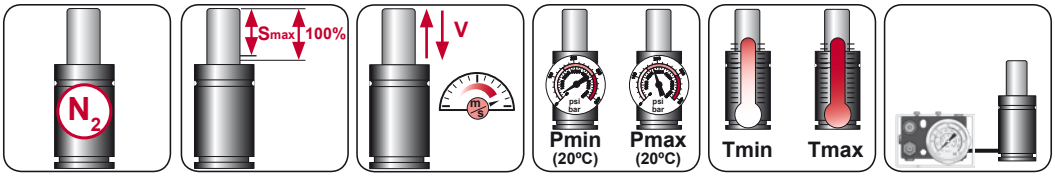

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




AF 200 50

AF 200 050 V1



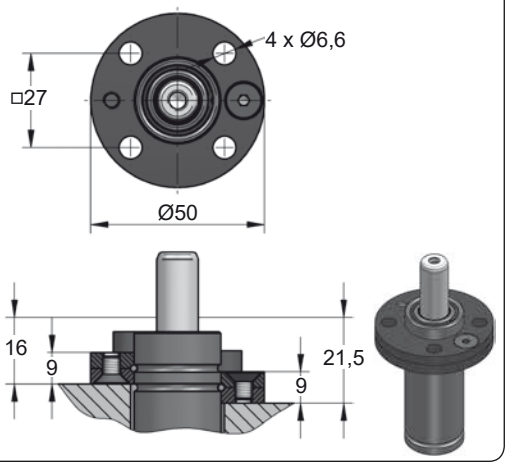

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

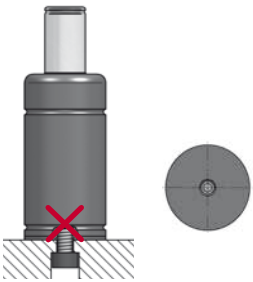
# AF V1 MOUNTS

*Mini*

## A14-025




## Single base thread



Gas springs with only a single base thread should not be mounted by screws.



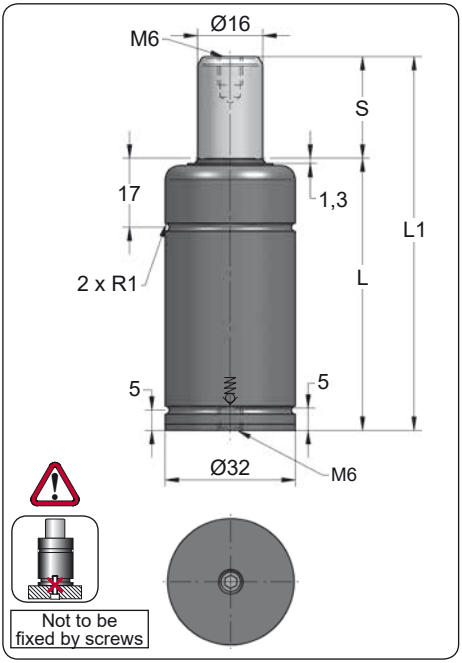

| CODE | | AF 200 050 V1 | | A14-025 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AFT V1

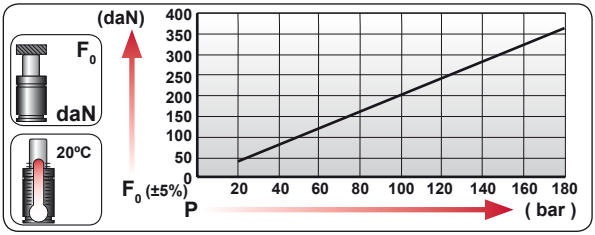
*Mini*

| | FORD W-DX35-8040 | |
|---|---|---|
| | | |
| | | |

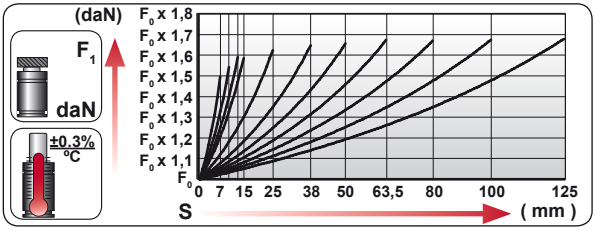
AZOL GAS



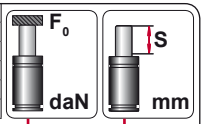

| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AFT ___ 007 V1 | 7 | 56 | 49 | 0.25 |
| AFT ___ 010 V1 | 10 | 62 | 52 | 0.26 |
| AFT ___ 012 V1 | 12.7 | 67.4 | 54.7 | 0.27 |
| AFT ___ 015 V1 | 15 | 72 | 57 | 0.28 |
| AFT ___ 025 V1 | 25 | 92 | 67 | 0.32 |
| AFT ___ 038 V1 | 38 | 118 | 80 | 0.37 |
| AFT ___ 050 V1 | 50 | 142 | 92 | 0.42 |
| AFT ___ 063 V1 | 63.5 | 172 | 108.5 | 0.48 |
| AFT ___ 080 V1 | 80 | 205 | 125 | 0.55 |
| AFT ___ 100 V1 | 100 | 245 | 145 | 0.63 |
| AFT ___ 125 V1 | 125 | 295 | 170 | 0.73 |




| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AFT 80 050 V1 | Green | 40 | 580 | 80 | 135 |
| AFT 160 050 V1 | Blue | 80 | 1160 | 160 | 265 |
| AFT 240 050 V1 | Red | 120 | 1740 | 240 | 400 |
| AFT 310 050 V1 | Yellow | 155 | 2450 | 310 | 515 |
| AFT XXX 050 V1 | Black | 20-180 | 290-2610 | 40 - 360 | 65 - 600 |

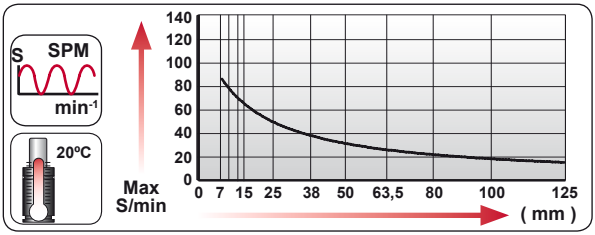


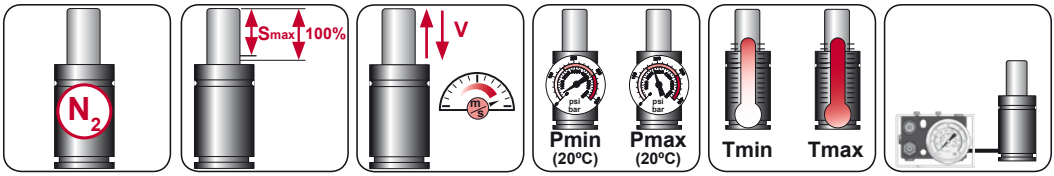

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




AFT 310 50

AFT 310 050 V1




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

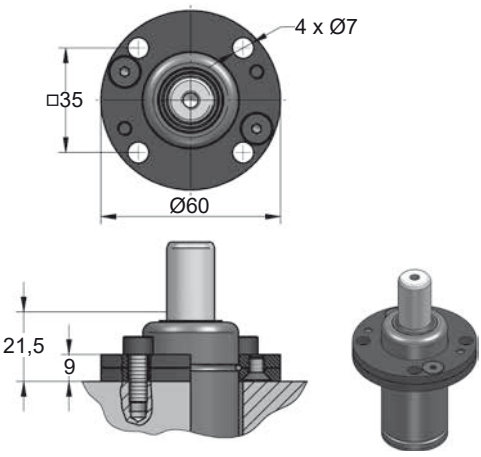
AZOL GAS

# AFT V1 MOUNTS

*Mini*

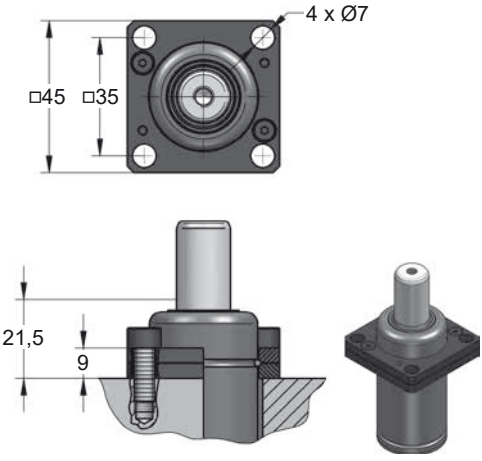
## A14-032

ISO E24.54.815.G EM24.54.700/F

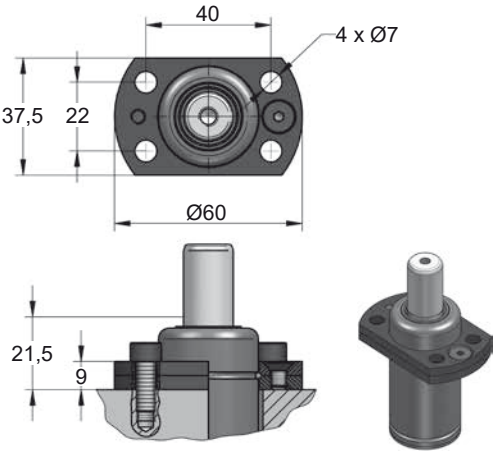



## A34-032

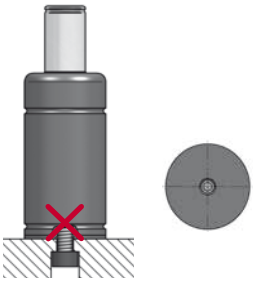
VDI




## A44-032




## Single base thread

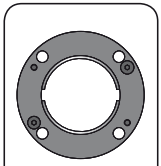


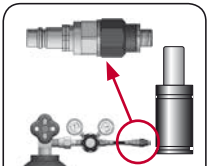
Gas springs with only a single base thread should not be mounted by screws.







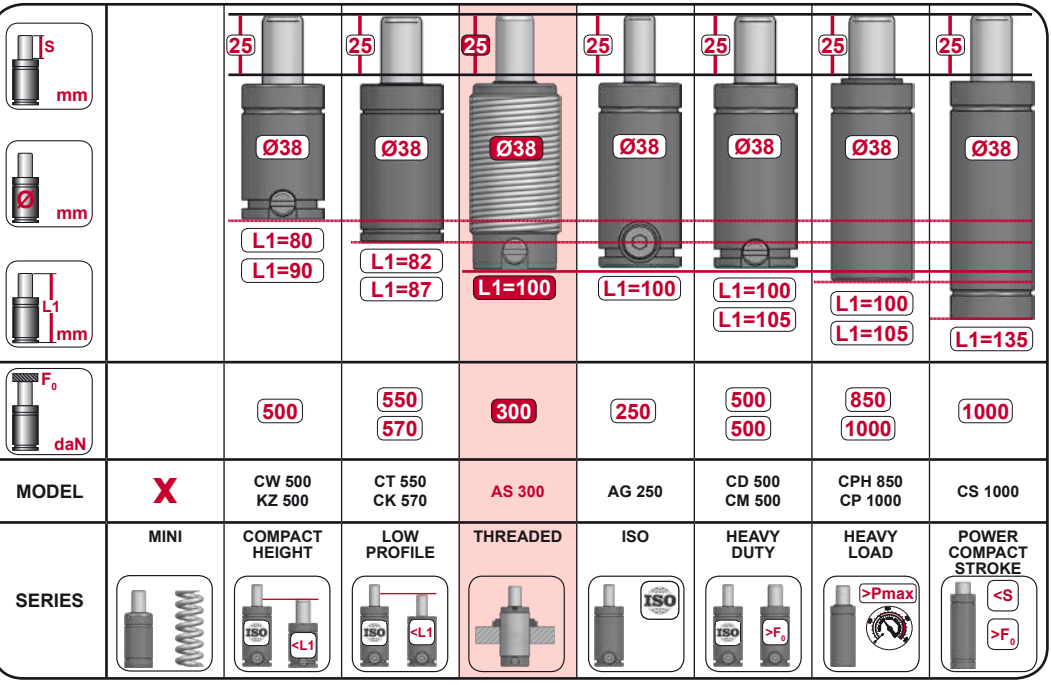


| CODE | | AFT 310 050 V1 | | A14-032 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# AS THREADED

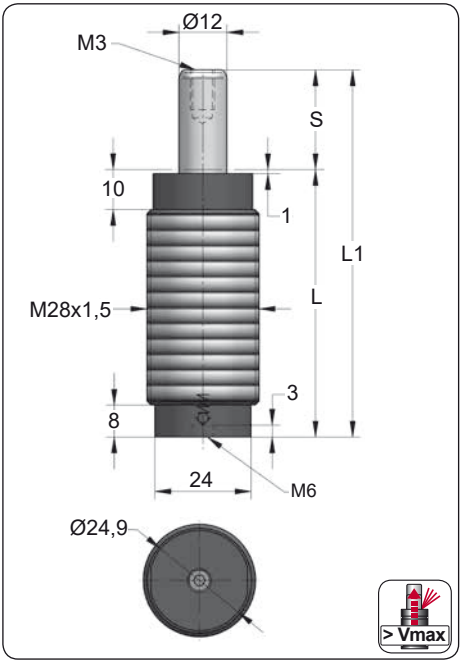
| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| AS 200 | 200 | M28x1.5 | 10 - 125 | 62 - 292 | 180 | M6 | X | ✔ |
| AS 300 | 300 | M38x1.5 | 12.7 - 125 | 75.4 - 300 | 150 | M6 | X | ✔ |
| ASP 250 | 250 | M36x1 | 15 - 100 | 84 - 254 | 150 | M6 | X | ✔ |
| ASP 300 | 300 | M38x1.5 | 12.7 - 100 | 75.4 - 250 | 150 | M6 | X | ✔ |
| ASP 500 V1 | 500 | M45x1 | 15 - 100 | 84 - 254 | 150 | M6 | X | ✔ |



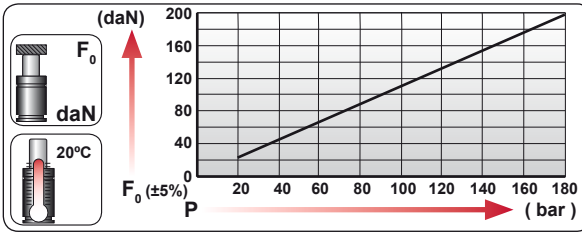
# AS 200

*Threaded*

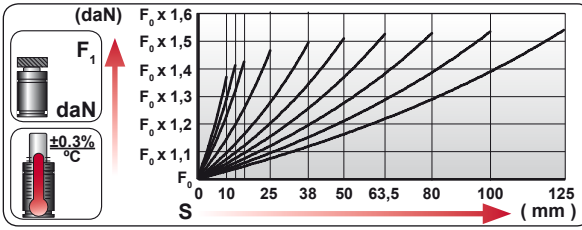
AZOL GAS



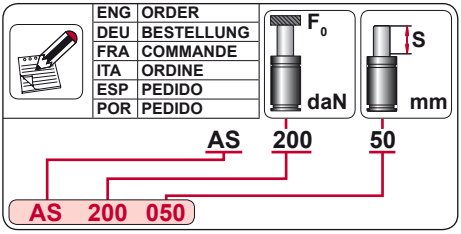

| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AS ___ 010 | 10 | 62 | 52 | 0.19 |
| AS ___ 012 | 12.7 | 67.4 | 54.7 | 0.20 |
| AS ___ 016 | 16 | 74 | 58 | 0.21 |
| AS ___ 025 | 25 | 92 | 67 | 0.23 |
| AS ___ 038 | 38 | 118 | 80 | 0.27 |
| AS ___ 050 | 50 | 142 | 92 | 0.30 |
| AS ___ 063 | 63.5 | 169 | 105.5 | 0.34 |
| AS ___ 080 | 80 | 202 | 122 | 0.39 |
| AS ___ 100 | 100 | 242 | 142 | 0.45 |
| AS ___ 125 | 125 | 292 | 167 | 0.52 |

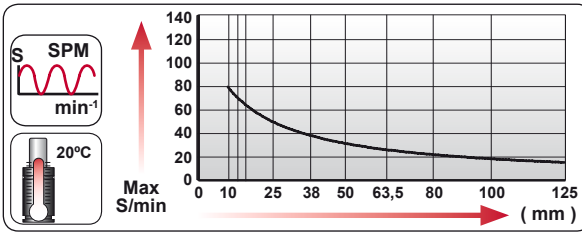


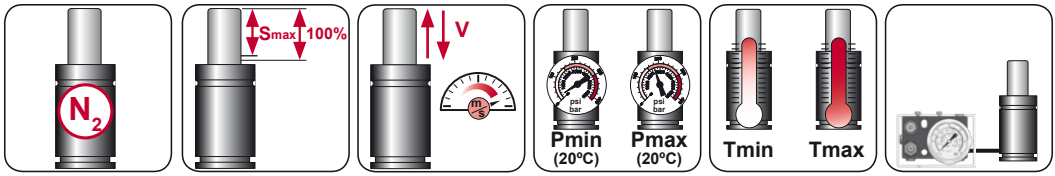

| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AS 50 050 | Green | 45 | 650 | 50 | 75 |
| AS 100 050 | Blue | 90 | 1305 | 100 | 150 |
| AS 150 050 | Red | 135 | 1960 | 150 | 225 |
| AS 200 050 | Yellow | 180 | 2610 | 200 | 300 |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



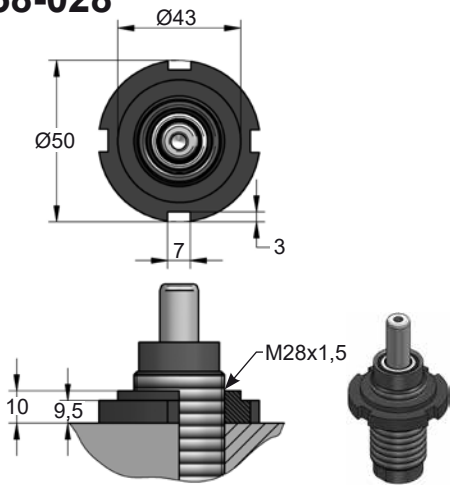

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

# AS 200 MOUNTS

*Threaded*

## E58-028

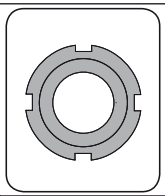


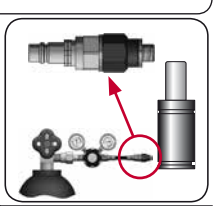










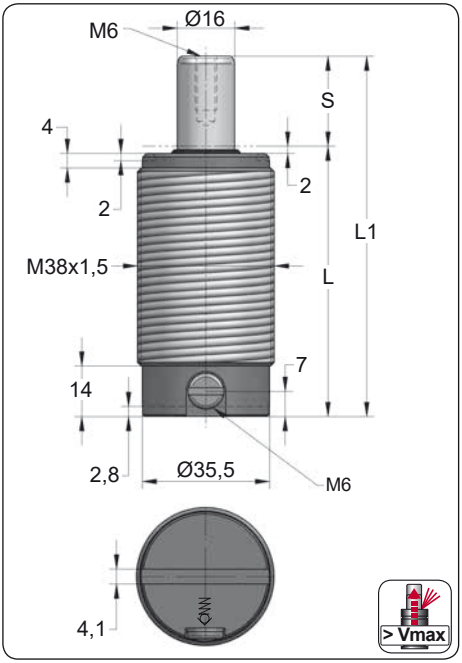


| CODE | | AS 200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | E28-028 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

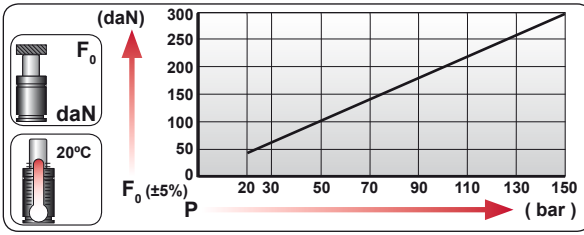
# AS 300

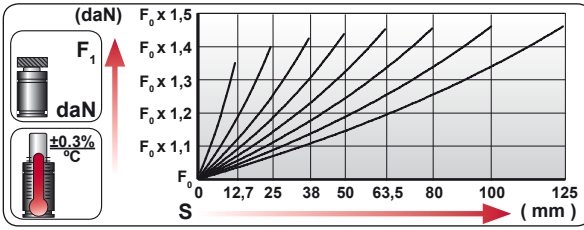
*Threaded*

AZOL GAS



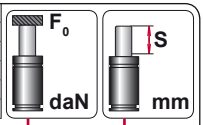

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AS 300 012 | 12.7 | 75.4 | 62.7 | 0.41 |
| AS 300 025 | 25 | 100 | 75 | 0.47 |
| AS 300 038 | 38 | 126 | 88 | 0.54 |
| AS 300 050 | 50 | 150 | 100 | 0.60 |
| AS 300 063 | 63.5 | 177 | 113.5 | 0.67 |
| AS 300 080 | 80 | 210 | 130 | 0.75 |
| AS 300 100 | 100 | 250 | 150 | 0.85 |
| AS 300 125 | 125 | 300 | 175 | 0.98 |



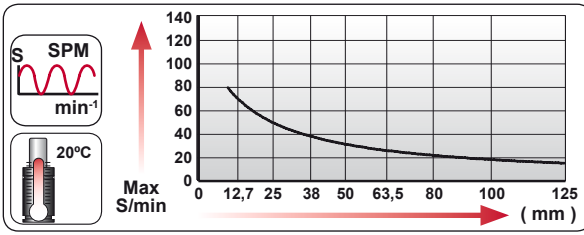



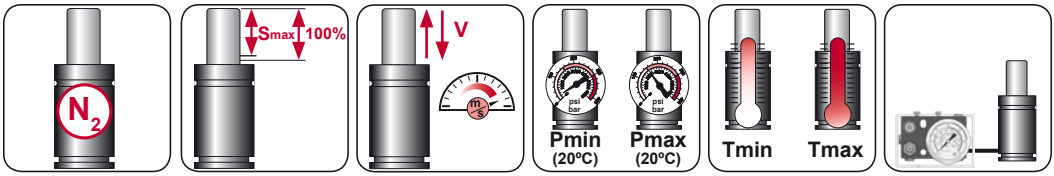

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| AS 300 050 | 150 | 2175 | 300 | 430 |
| --------- | --- | --- | --- | --- |

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




AS 300 050



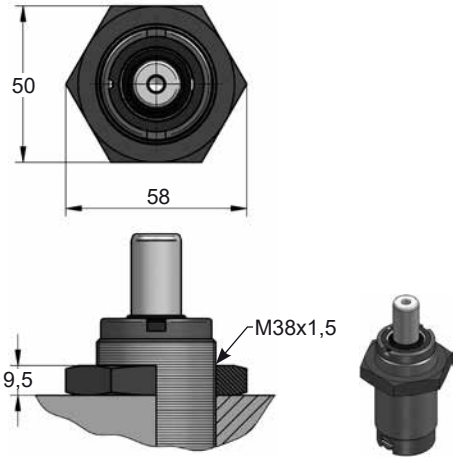

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 |
|---|---|---|---|---|---|---|

AZOL GAS

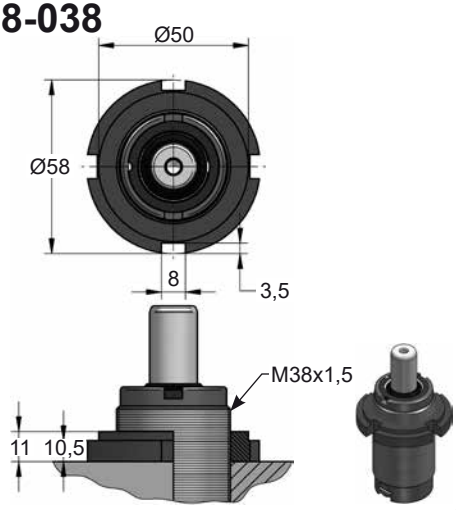
# AS 300 MOUNTS

*Threaded*

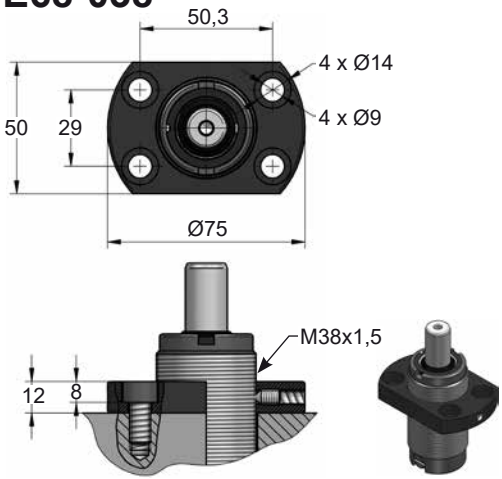
## E23-038




## E58-038




## E68-038

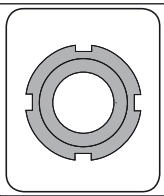


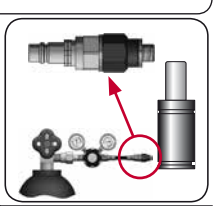










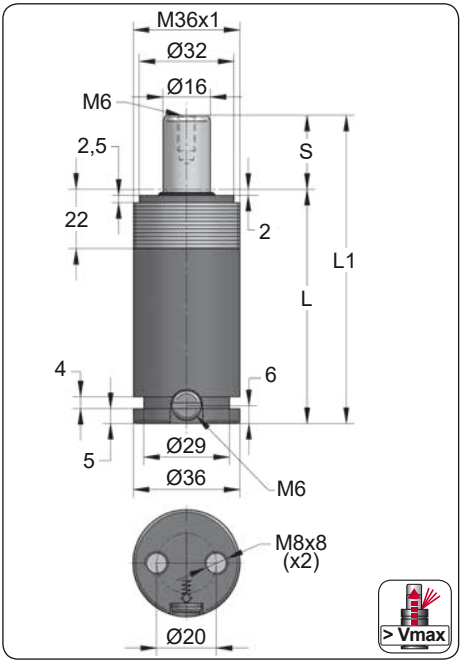


| CODE | | AS 300 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | E58-038 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

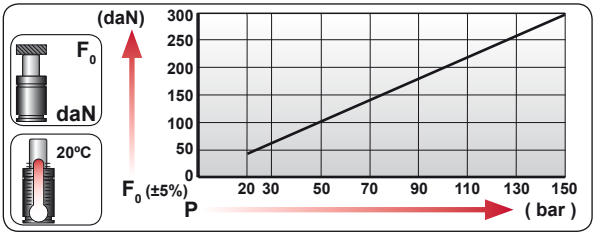
# ASP 250

*Threaded*

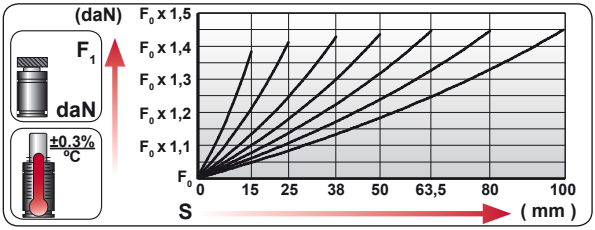
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ASP 250 015 | 15 | 84 | 69 | 0.40 |
| ASP 250 025 | 25 | 104 | 79 | 0.45 |
| ASP 250 038 | 38 | 130 | 92 | 0.50 |
| ASP 250 050 | 50 | 154 | 104 | 0.55 |
| ASP 250 063 | 63.5 | 181 | 117.5 | 0.60 |
| ASP 250 080 | 80 | 214 | 134 | 0.67 |
| ASP 250 100 | 100 | 254 | 154 | 0.75 |




| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| ASP 250 050 | | 125 | 1810 | 250 | 360 |
| --------- | | --- | --- | --- | --- |

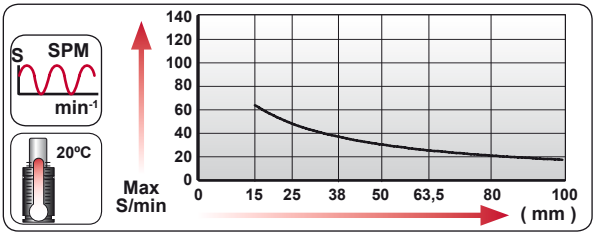


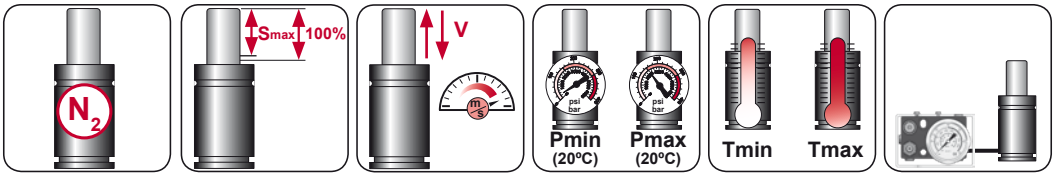

| | ENG | ORDER |
|---|---|---|
| | DEU | BESTELLUNG |
| | FRA | COMMANDE |
| | ITA | ORDINE |
| | ESP | PEDIDO |
| | POR | PEDIDO |

$F_0$ daN — S mm

ASP 250 50

ASP 250 050



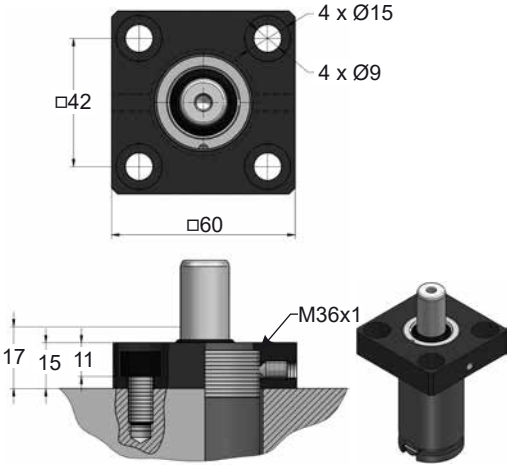

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

# ASP 250 MOUNTS

*Threaded*

## E03-036

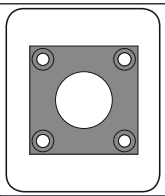


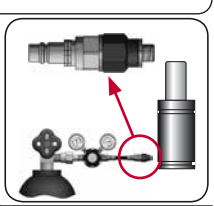










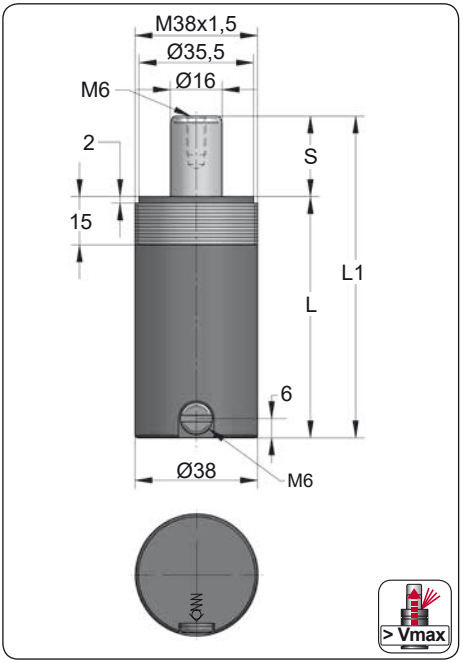


| CODE | | ASP 250 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | E03-036 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

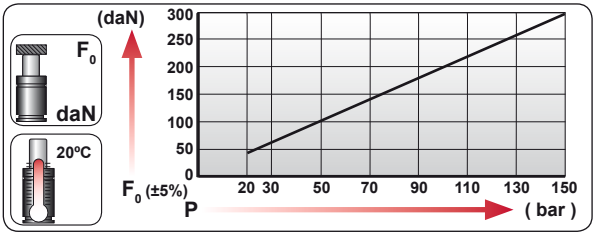
# ASP 300

*Threaded*

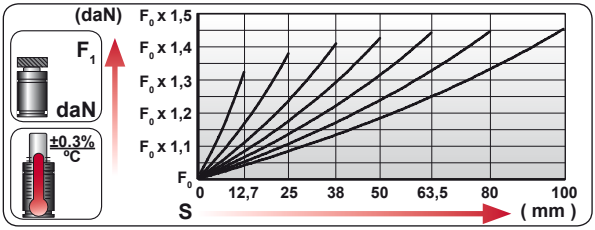
AZOL GAS



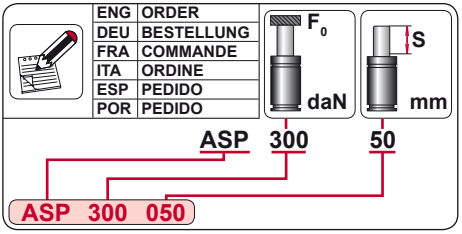

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ASP 300 012 | 12.7 | 75.4 | 62.7 | 0.46 |
| ASP 300 025 | 25 | 100 | 75 | 0.52 |
| ASP 300 038 | 38 | 126 | 88 | 0.59 |
| ASP 300 050 | 50 | 150 | 100 | 0.65 |
| ASP 300 063 | 63.5 | 177 | 113.5 | 0.71 |
| ASP 300 080 | 80 | 210 | 130 | 0.80 |
| ASP 300 100 | 100 | 250 | 150 | 0.90 |

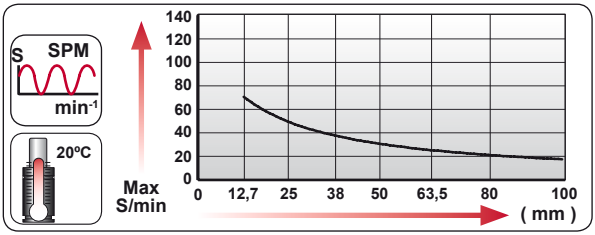


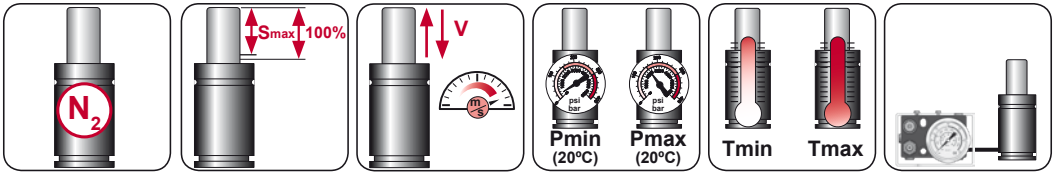

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| ASP 300 050 | 150 | 2175 | 300 | 430 |
| --------- | --- | --- | --- | --- |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



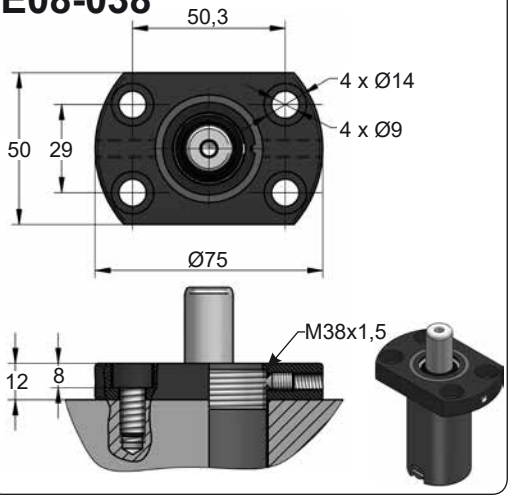

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

# ASP 300 MOUNTS

*Threaded*

## E08-038

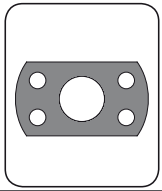


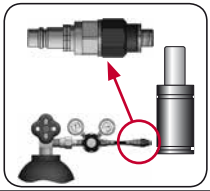










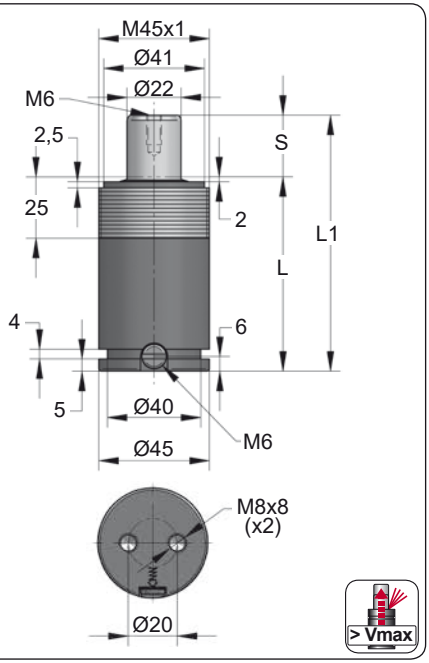


| CODE | | ASP 300 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | E08-038 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

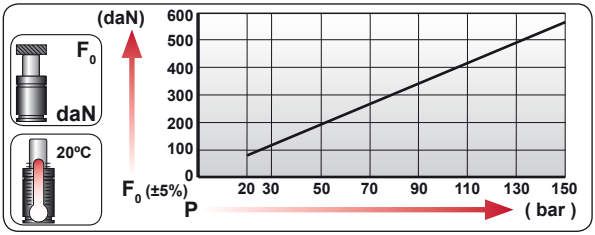
# ASP 500 V1

*Threaded*

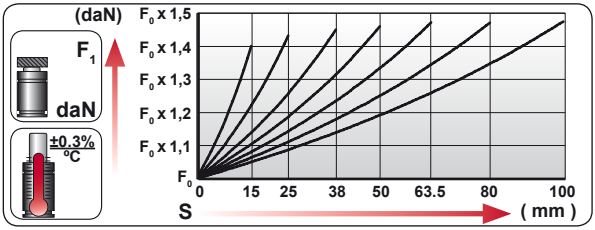
AZOL GAS



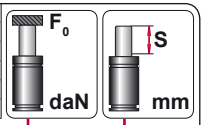

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ASP 500 015 V1 | 15 | 84 | 69 | 0.62 |
| ASP 500 025 V1 | 25 | 104 | 79 | 0.67 |
| ASP 500 038 V1 | 38 | 130 | 92 | 0.74 |
| ASP 500 050 V1 | 50 | 154 | 104 | 0.81 |
| ASP 500 063 V1 | 63.5 | 181 | 117.5 | 0.88 |
| ASP 500 080 V1 | 80 | 214 | 134 | 0.98 |
| ASP 500 100 V1 | 100 | 254 | 154 | 1.09 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| ASP 500 050 V1 | 130 | 1885 | 495 | 725 |
| --------- | --- | --- | --- | --- |

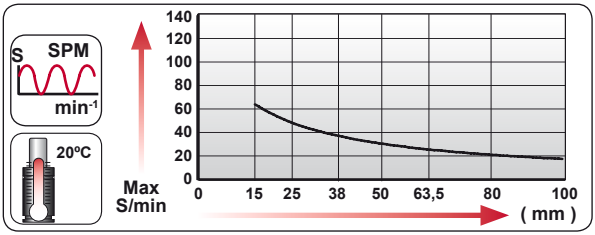


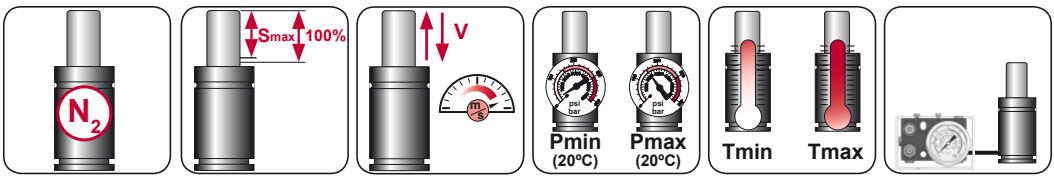

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




ASP 500 50

ASP 500 050 V1



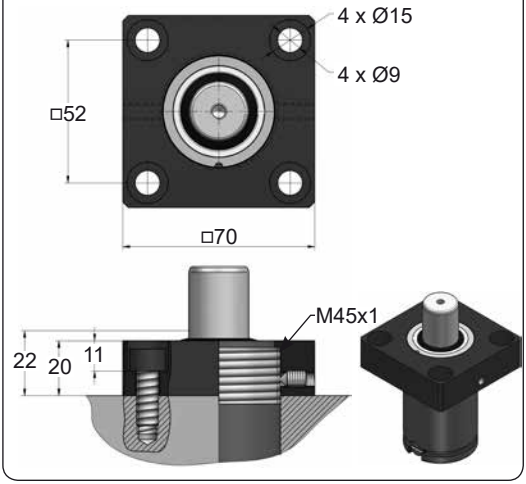

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

# ASP 500 V1 *MOUNTS*

*Threaded*

## E03-045

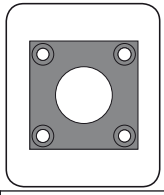


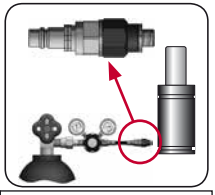










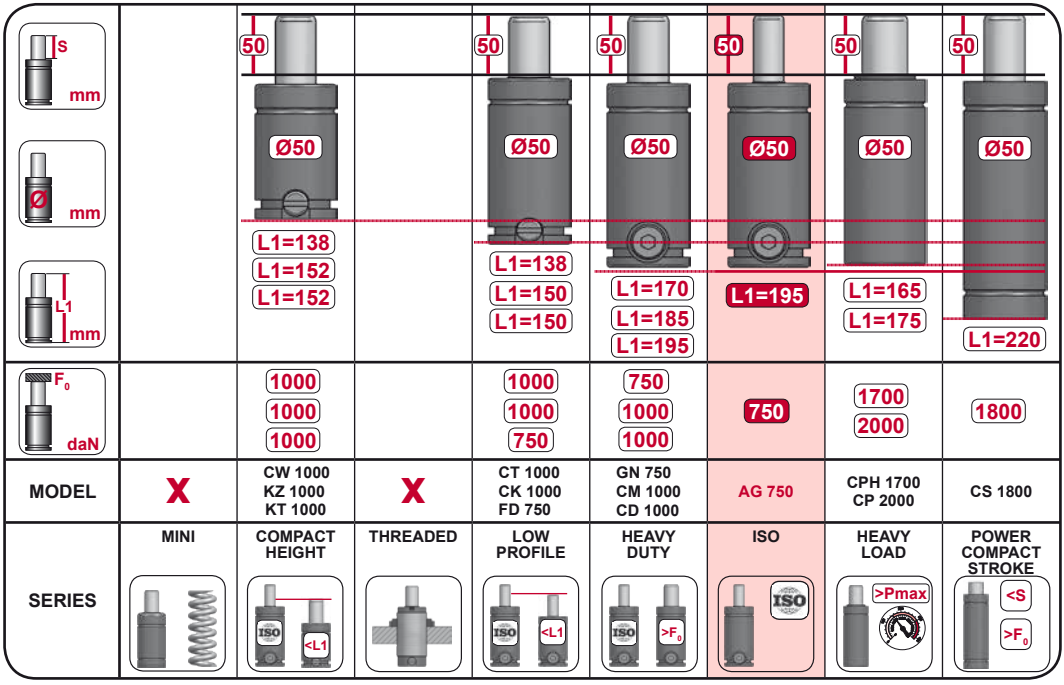


| CODE | | ASP 500 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | E03-045 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# AG ISO

| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| AG 150 | 150 | Ø32 | 10 - 125 | 70 - 300 | 180 | M6 | ✔ | ✔ |
| AG 250 | 250 | Ø38 | 10 - 125 | 70 - 300 | 150 | M6 | ✔ | ✔ |
| AG 500 | 500 | Ø45 | 10 - 160 | 105 - 405 | 150 | G1/8" | ✔ | ✔ |
| AG 750 | 750 | Ø50 | 12.7 - 300 | 120.4 - 695 | 150 | G1/8" | ✔ | ✔ |
| AG 1500 | 1500 | Ø75 | 12.7 - 300 | 135.4 - 710 | 150 | G1/8" | ✔ | ✔ |
| AG 3000 | 3000 | Ø95 | 25 - 300 | 170 - 720 | 150 | G1/8" | ✔ | ✔ |
| AG 5000 | 5000 | Ø120 | 25 - 300 | 190 - 740 | 150 | G1/8" | ✔ | ✔ |
| AG 7500 | 7500 | Ø150 | 25 - 300 | 205 - 755 | 150 | G1/8" | ✔ | ✔ |
| AG 10000 | 10000 | Ø195 | 25 - 300 | 210 - 760 | 150 | G1/8" | ✔ | ✔ |

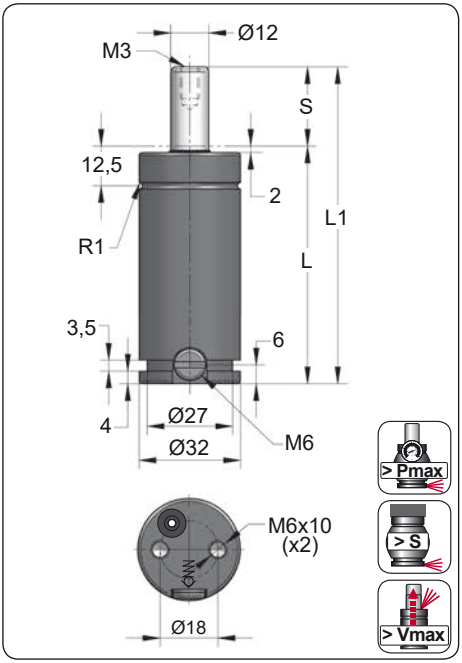


# AG 150

ISO

| | | | | | |
|---|---|---|---|---|---|
| BMW | B2 4006 | | | PSA | E24.54.815.G |
| MB | B8 3180 220 000 001 | GM | 90.25.00 | RENAULT | EM24.54.700 |
| VW | 39D 878 | | | | |

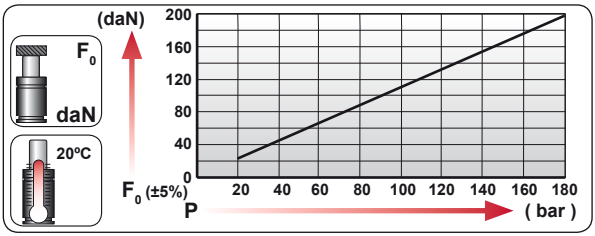
AZOL GAS

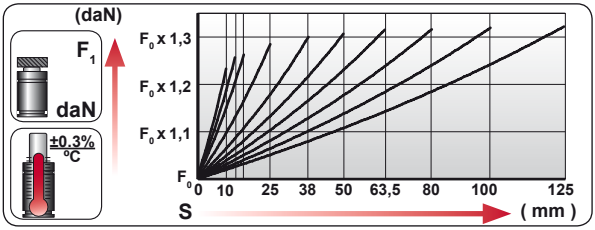


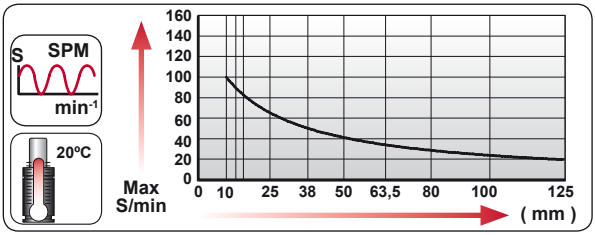

| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AG ___ 010 | 10 | 70 | 60 | 0.29 |
| AG ___ 012 | 12.7 | 75.4 | 62.7 | 0.30 |
| AG ___ 016 | 16 | 82 | 66 | 0.31 |
| AG ___ 025 | 25 | 100 | 75 | 0.34 |
| AG ___ 038 | 38 | 126 | 88 | 0.38 |
| AG ___ 050 | 50 | 150 | 100 | 0.42 |
| AG ___ 063 | 63.5 | 177 | 113.5 | 0.47 |
| AG ___ 080 | 80 | 210 | 130 | 0.52 |
| AG ___ 100 | 100 | 250 | 150 | 0.59 |
| AG ___ 125 | 125 | 300 | 175 | 0.67 |

PED 97/23/CE · ISO 11901 · VDI 3003 · CNOMO EM.24.54

| ORDER | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AG 50 050 | Green | 45 | 650 | 50 | 65 |
| AG 100 050 | Blue | 90 | 1305 | 100 | 130 |
| AG 150 050 | Red | 135 | 1960 | 150 | 195 |
| AG 200 050 | Yellow | 180 | 2610 | 200 | 260 |
| AG XXX 050 | Black | 20-180 | 290-2610 | 23 - 200 | 35 - 305 |



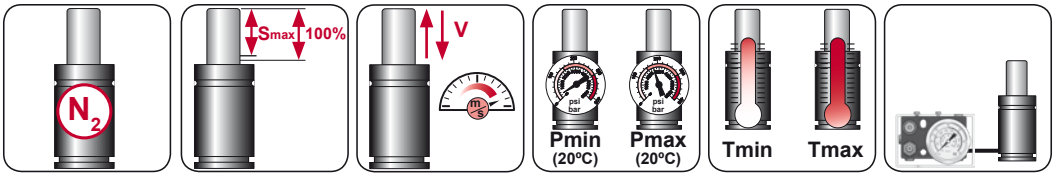

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| AG 150 050 | 135 | 1960 | 150 | 19 |
| AG-H 150 050 | 0 | 0 | - - - | - - - |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN 150 — S mm 50

AG 150 050




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

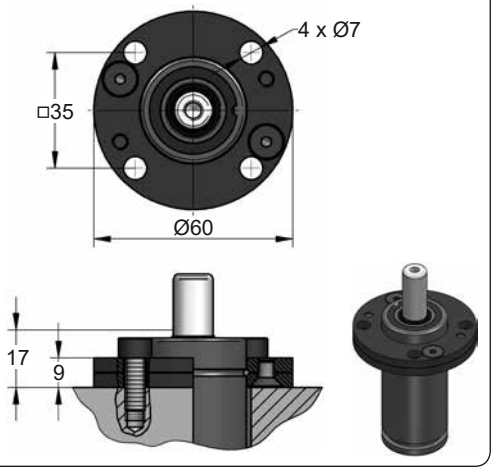
AZOL GAS

# AG 150 MOUNTS

ISO

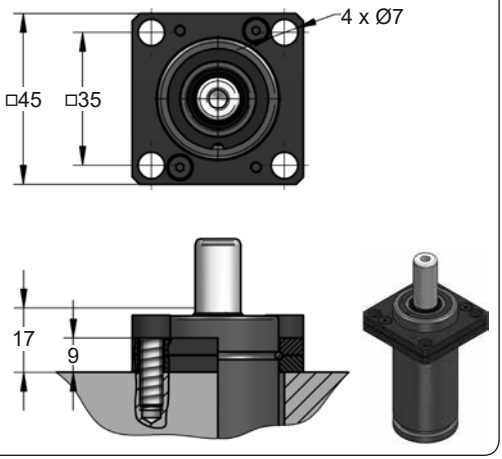
## A14-032

ISO E24.54.815.G EM24.54.700/F



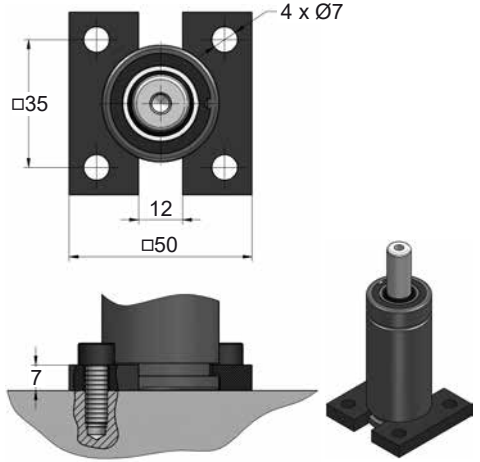

## A34-032

VDI

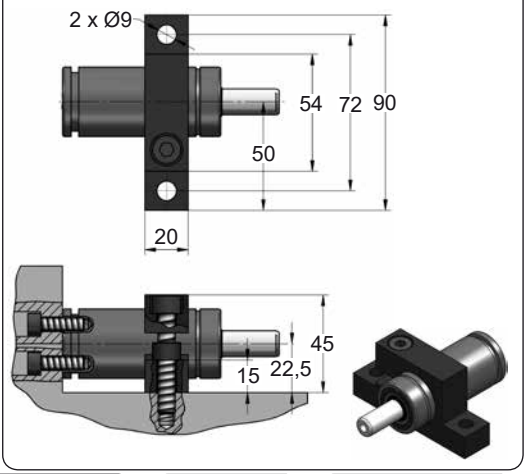



## C20-032

ISO VDI E24.54.815.G EM24.54.700/F




## D02-032

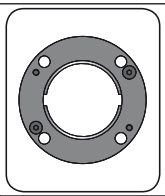


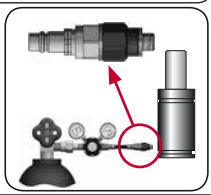












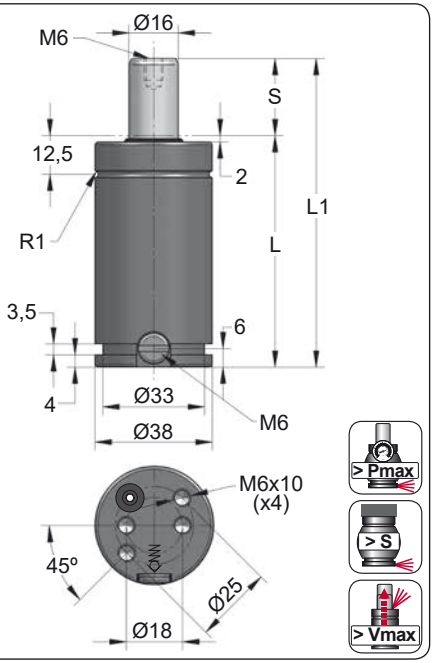
| CODE | | AG 150 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-032 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AG 250

ISO

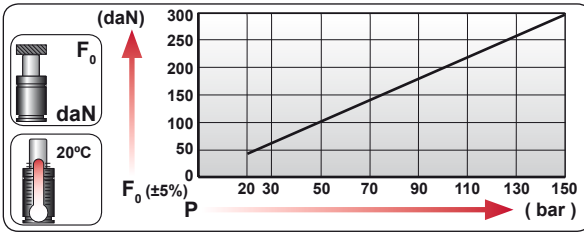
| | | | | | |
|---|---|---|---|---|---|
| **BMW** | B2 4006 | **FORD** | W-DX35-6203 | **PSA** | E24.54.815.G |
| | | **GM** | 90.25.00 | **RENAULT** | EM24.54.700 |
| **VW** | 39D 878 | | | **NISSAN** | K32S0 |

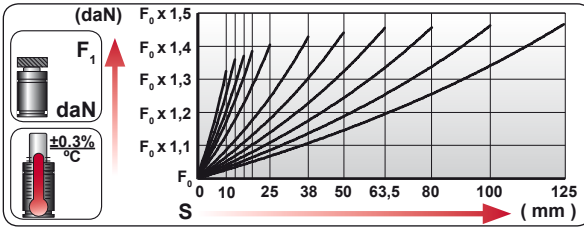
AZOL GAS

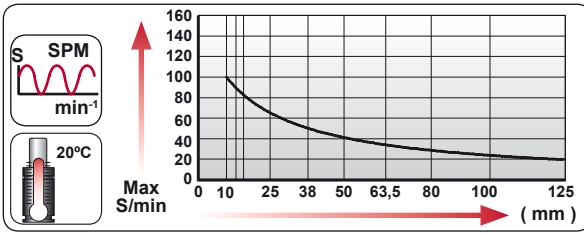



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AG 250 010 | 10 | 70 | 60 | 0.41 |
| AG 250 012 | 12.7 | 75.4 | 62.7 | 0.42 |
| AG 250 016 | 16 | 82 | 66 | 0.43 |
| AG 250 019 | 19 | 88 | 69 | 0.44 |
| AG 250 025 | 25 | 100 | 75 | 0.47 |
| AG 250 038 | 38 | 126 | 88 | 0.53 |
| AG 250 050 | 50 | 150 | 100 | 0.58 |
| AG 250 063 | 63.5 | 177 | 113.5 | 0.64 |
| AG 250 080 | 80 | 210 | 130 | 0.71 |
| AG 250 100 | 100 | 250 | 150 | 0.80 |
| AG 250 125 | 125 | 300 | 175 | 0.90 |

PED 2014/68/EU · ISO 11901 · NAAMS · VDI 3003 · CNOMO EM.24.54



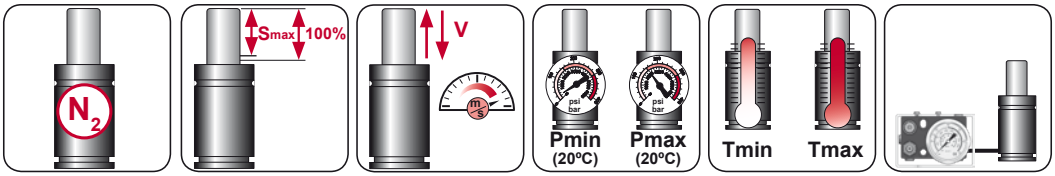

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| AG 250 050 | 125 | 1810 | 250 | 360 |
| AG-H 250 050 | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: 250 — S mm: 50

AG 250 050

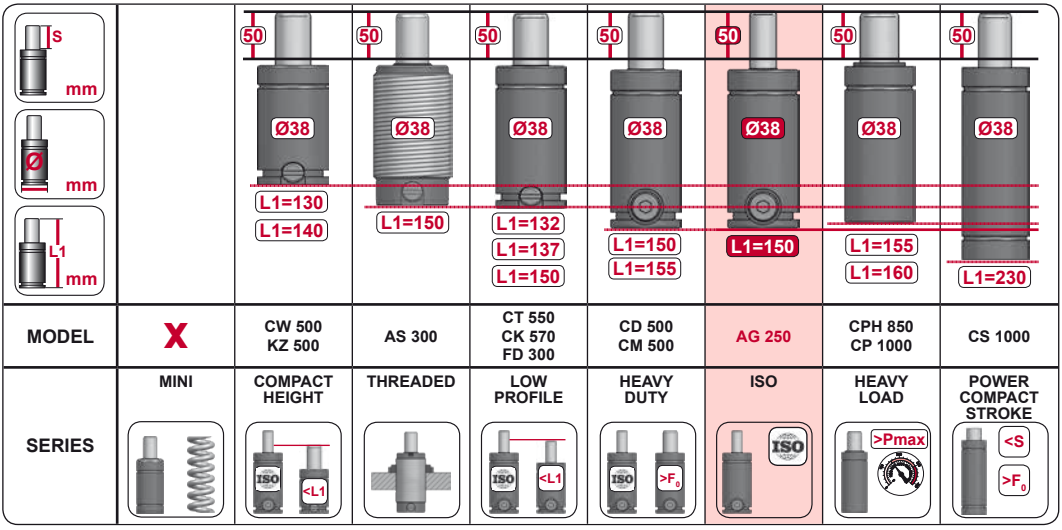



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# AG 250 MOUNTS

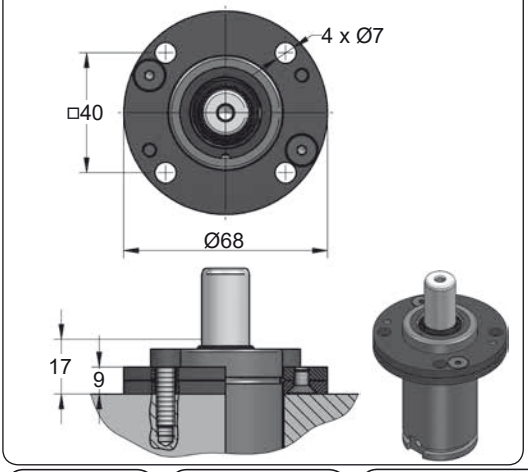
ISO



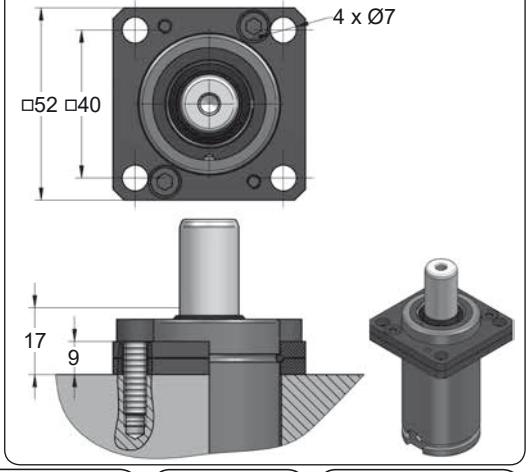

| MODEL | X | CW 500 KZ 500 | AS 300 | CT 550 CK 570 FD 300 | CD 500 CM 500 | AG 250 | CPH 850 CP 1000 | CS 1000 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-038

E24.54.815.G
EM24.54.700/F




## A34-038







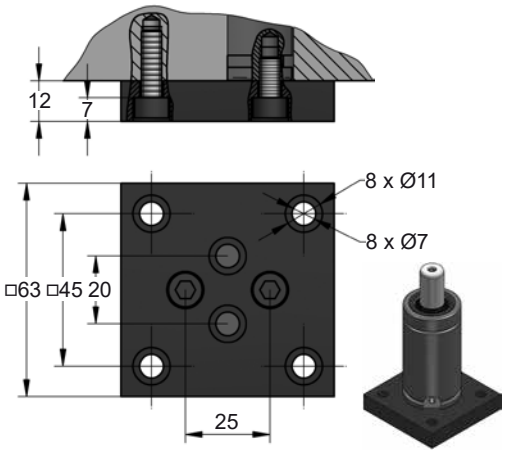
| CODE | | AG 250 050 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-038 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AG 250 MOUNTS

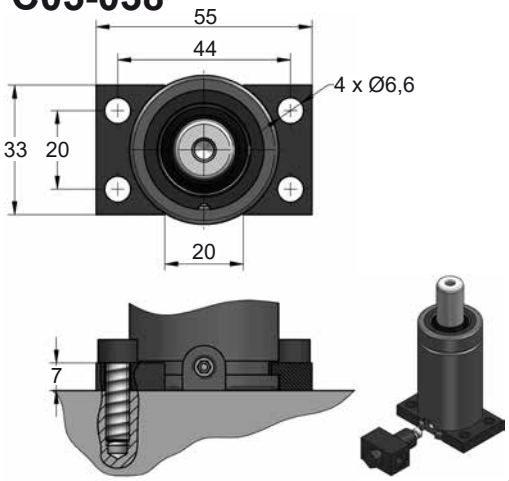
ISO

AZOL GAS

## B76-038

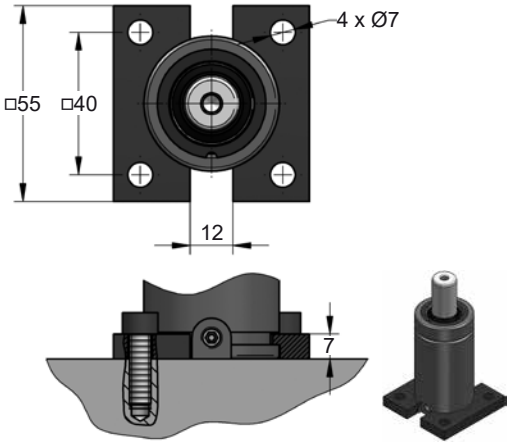



## C05-038




## C20-038

E24.54.815.G
EM24.54.700/F

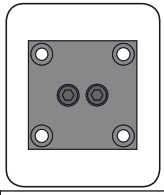


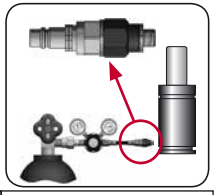












| CODE | | AG 250 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B76-038 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

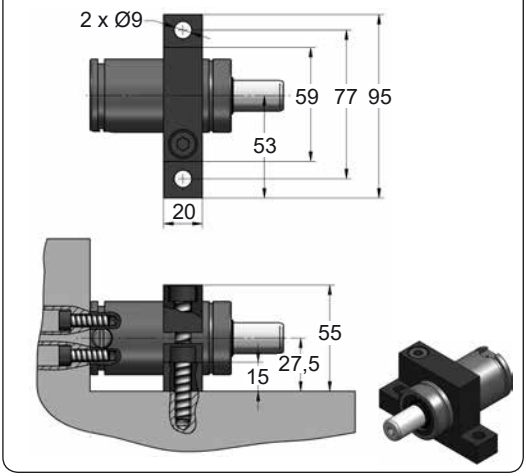
AZOL GAS

# AG 250 MOUNTS

ISO

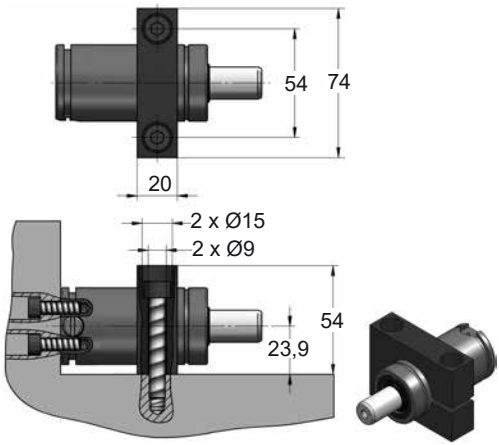
## D02-038

E24.54.815.G




## D67-038

VDI

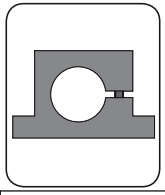


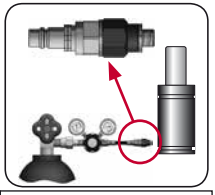












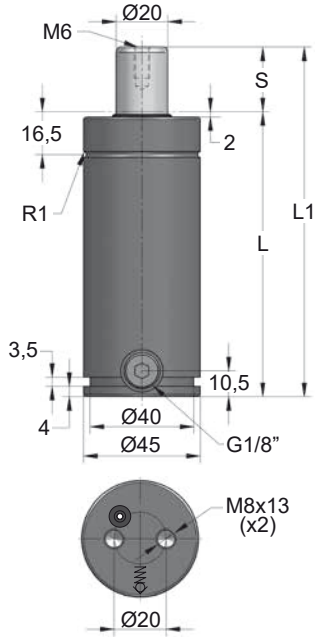
| CODE | | AG 250 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-038 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AG 500

ISO

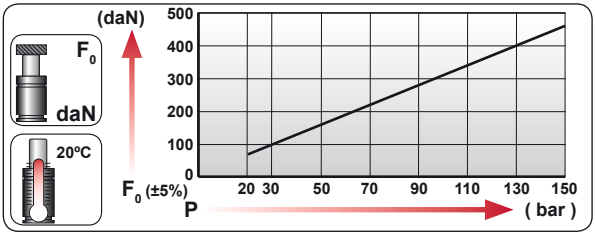
| | | | | | |
|---|---|---|---|---|---|
| BMW | B2 4006 | | | PSA | E24.54.815.G |
| MB | B8 3180 220 000 001 | GM | 90.25.00 | RENAULT | EM24.54.700 |
| VW | 39D 878 | | | NISSAN | K32S0 |

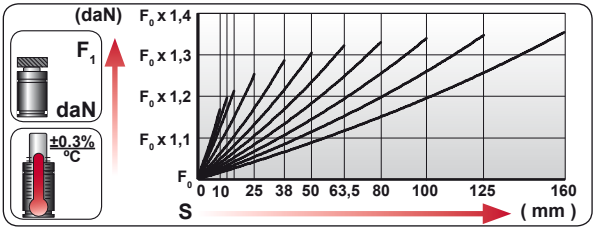
AZOL GAS




| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AG 500 010 | 10 | 105 | 95 | 0.88 |
| AG 500 012 | 12.7 | 110.4 | 97.7 | 0.89 |
| AG 500 016 | 16 | 117 | 101 | 0.91 |
| AG 500 025 | 25 | 135 | 110 | 0.95 |
| AG 500 038 | 38 | 161 | 123 | 1.02 |
| AG 500 050 | 50 | 185 | 135 | 1.08 |
| AG 500 063 | 63.5 | 212 | 148.5 | 1.14 |
| AG 500 080 | 80 | 245 | 165 | 1.23 |
| AG 500 100 | 100 | 285 | 185 | 1.33 |
| AG 500 125 | 125 | 335 | 210 | 1.45 |
| AG 500 160 | 160 | 405 | 245 | 1.63 |

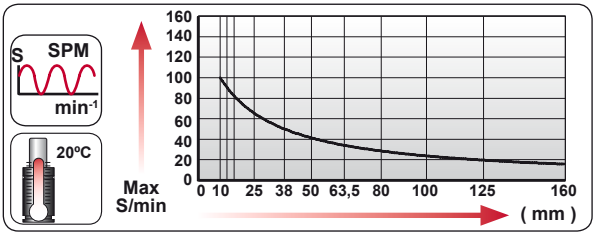
PED · ISO 11901 · VDI 3003 · EM.24.54




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| AG 500 050 | 150 | 2175 | 470 | 615 |
| AG-H 500 050 | 0 | 0 | --- | --- |

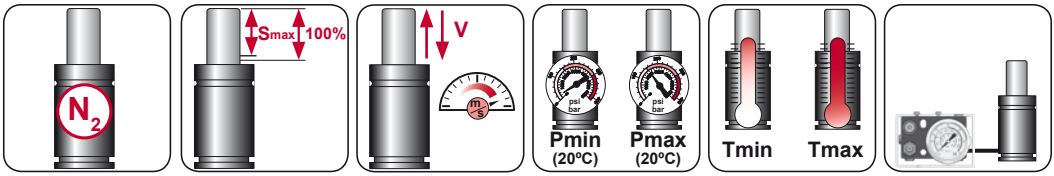
VDI 3003 — EQUIPPED WITH VDI - SAFETY




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: 500 — S mm: 50

AG 500 050

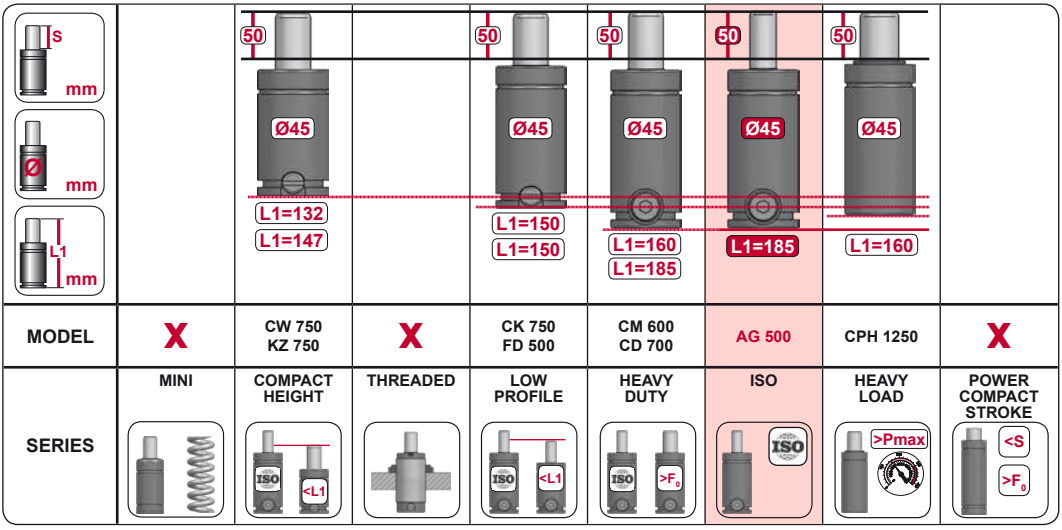



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# AG 500 MOUNTS

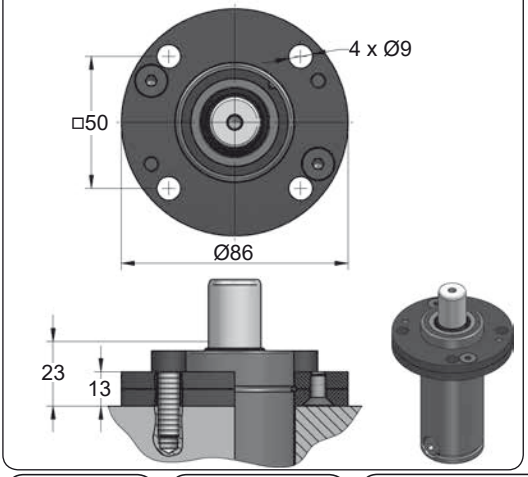
ISO




| MODEL | X | CW 750 KZ 750 | X | CK 750 FD 500 | CM 600 CD 700 | AG 500 | CPH 1250 | X |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

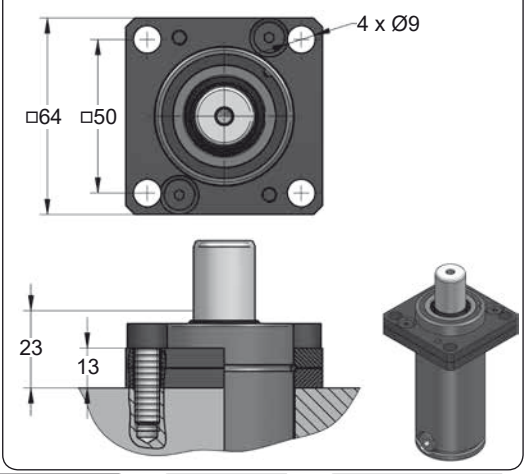
## A14-045

ISO · E24.54.815.G · EM24.54.700/F




## A34-045

ISO · VDI

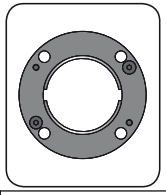


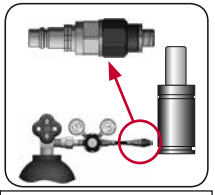












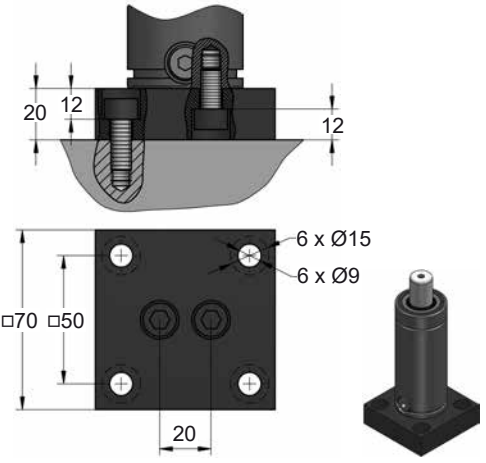
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|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AG 500 MOUNTS

ISO

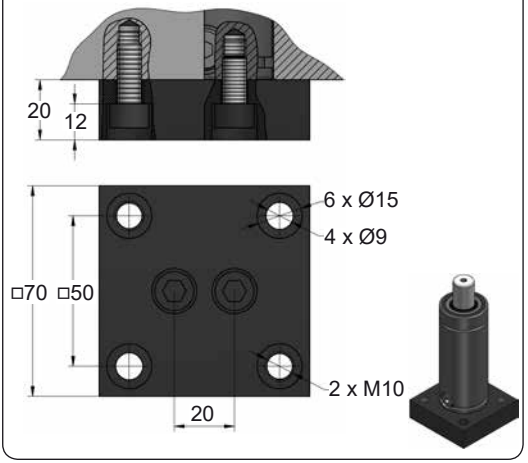
AZOL GAS

## B21-045

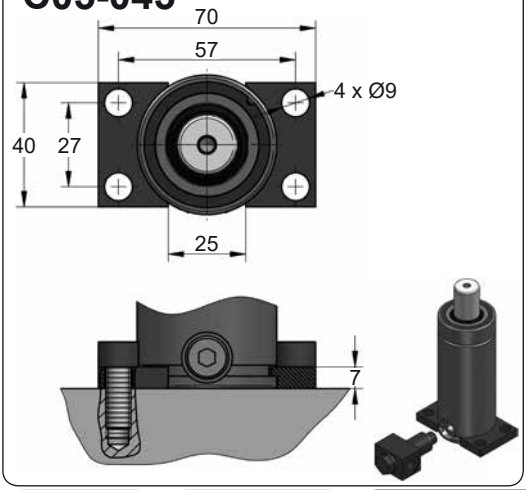



## B76-045

E24.54.815.G

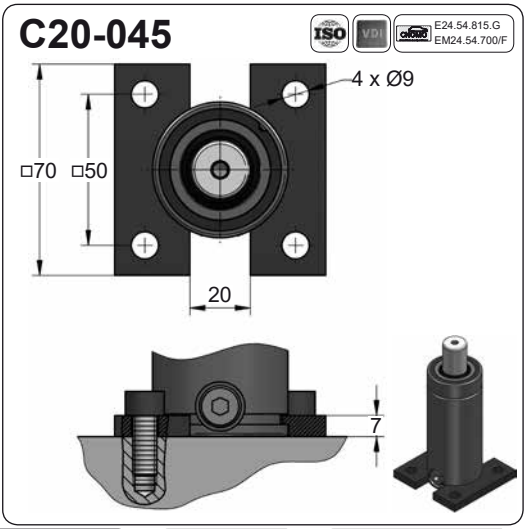



## C05-045




## C20-045

E24.54.815.G
EM24.54.700/F

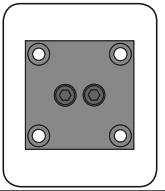


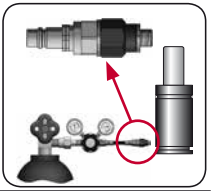












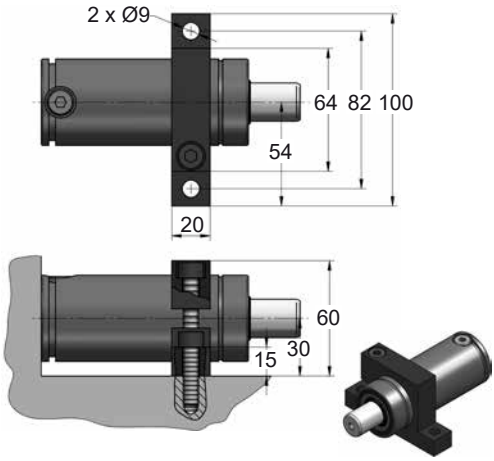
| CODE | | AG 500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

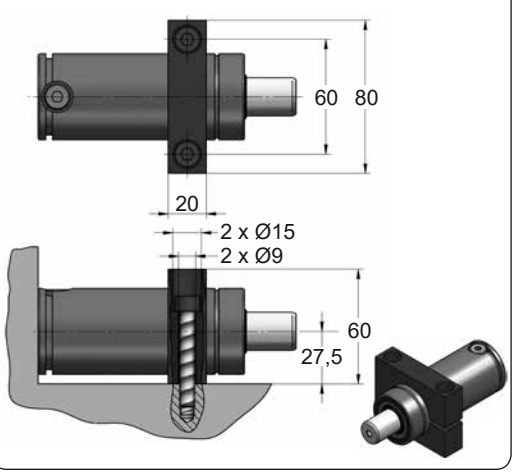
# AG 500 MOUNTS

ISO

## D02-045




## D67-045

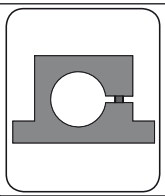


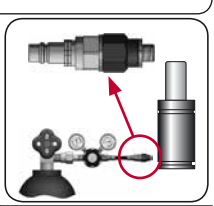












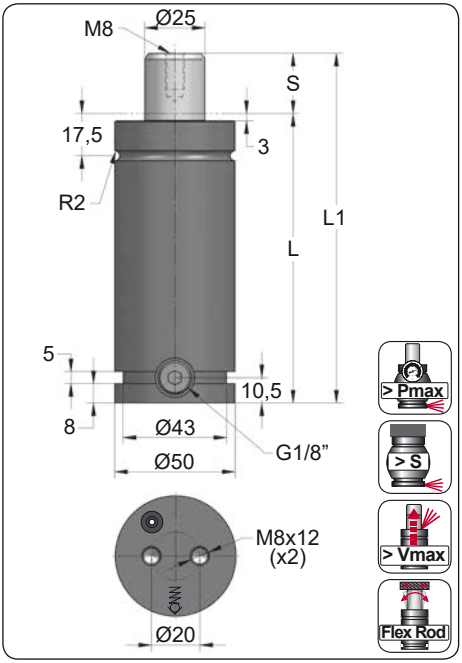
| CODE | | AG 500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AG 750

ISO

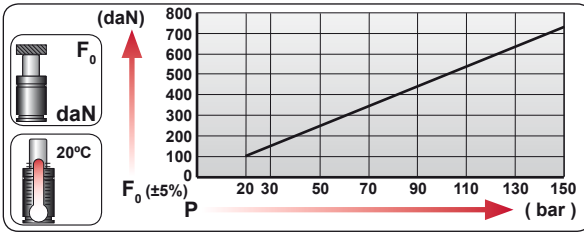
| | | | | | |
|---|---|---|---|---|---|
| BMW | B2 4006 | FORD | W-DX35-6203 | PSA | E24.54.815.G |
| MB | B8 3180 220 000 001 | GM | 90.25.00 | RENAULT | EM24.54.700 |
| VW | 39D 878 | | | NISSAN | K32S0 |

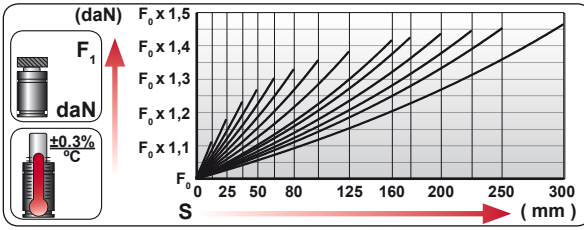
AZOL GAS

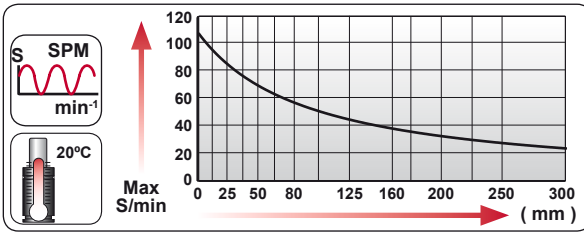



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AG 750 012 | 12.7 | 120.4 | 107.7 | 1.27 |
| AG 750 025 | 25 | 145 | 120 | 1.37 |
| AG 750 038 | 38 | 171 | 133 | 1.48 |
| AG 750 050 | 50 | 195 | 145 | 1.58 |
| AG 750 063 | 63.5 | 222 | 158.5 | 1.69 |
| AG 750 080 | 80 | 255 | 175 | 1.83 |
| AG 750 100 | 100 | 295 | 195 | 1.99 |
| AG 750 125 | 125 | 345 | 220 | 2.19 |
| AG 750 160 | 160 | 415 | 255 | 2.48 |
| AG 750 175 | 175 | 445 | 270 | 2.60 |
| AG 750 200 | 200 | 495 | 295 | 2.81 |
| AG 750 225 | 225 | 545 | 320 | 3.01 |
| AG 750 250 | 250 | 595 | 345 | 3.22 |
| AG 750 300 | 300 | 695 | 395 | 3.63 |

PED · ISO 11901 · NAAMS · VDI 3003 · CNOMO EM.24.54



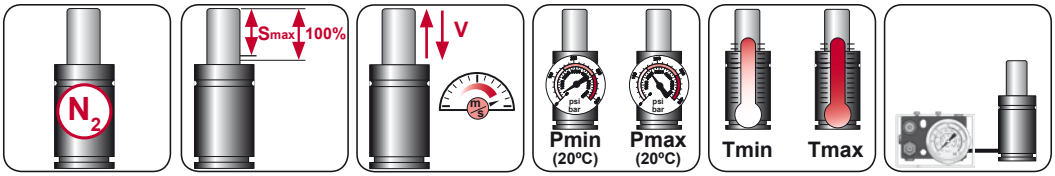

| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| AG 750 050 | 150 | 2175 | 740 | 940 |
| AG-H 750 050 | 0 | 0 | - - - | - - - |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

AG 750 050

F0 daN: 750 — S mm: 50

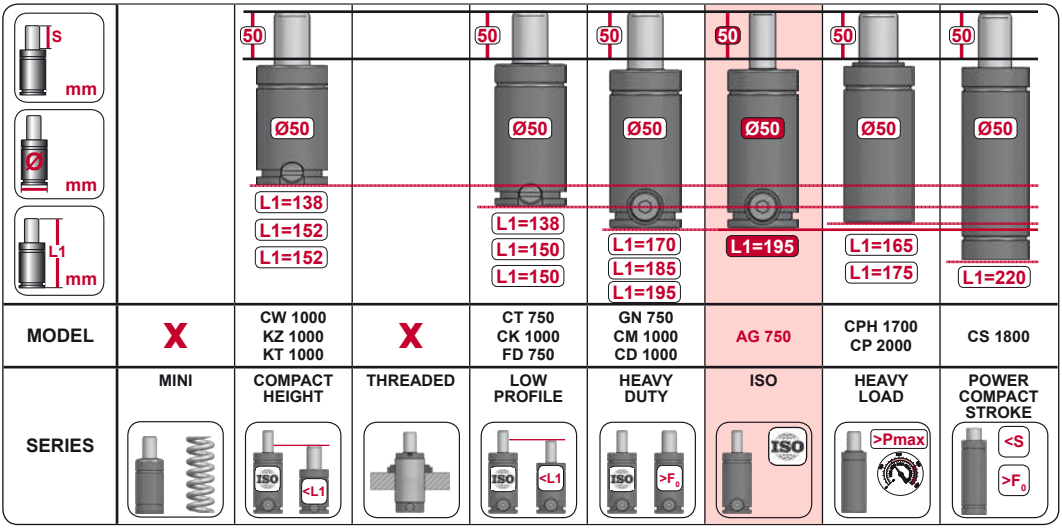



| N2 | Smax < 90% | Vmax 2 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# AG 750 MOUNTS

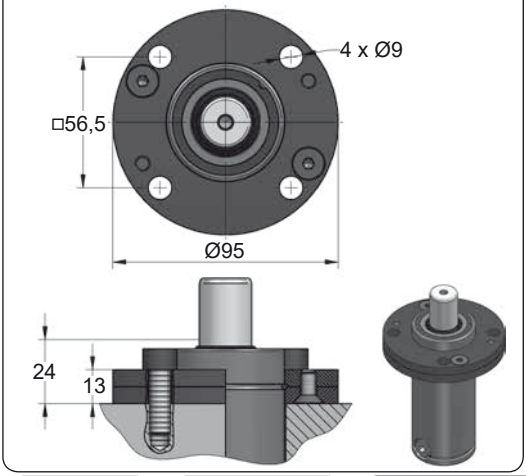
ISO



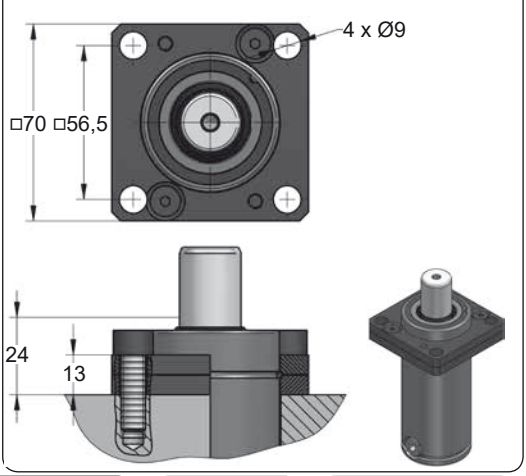

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MODEL | X | CW 1000<br>KZ 1000<br>KT 1000 | X | CT 750<br>CK 1000<br>FD 750 | GN 750<br>CM 1000<br>CD 1000 | AG 750 | CPH 1700<br>CP 2000 | CS 1800 |
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-050

E24.54.815.G
EM24.54.700/F




## A34-050







| CODE | | AG 750 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

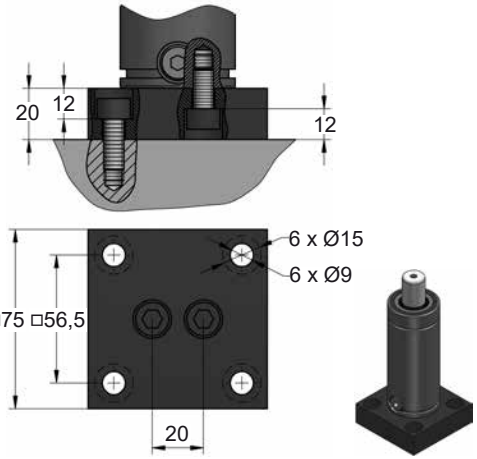
# AG 750 MOUNTS

ISO

AZOL GAS

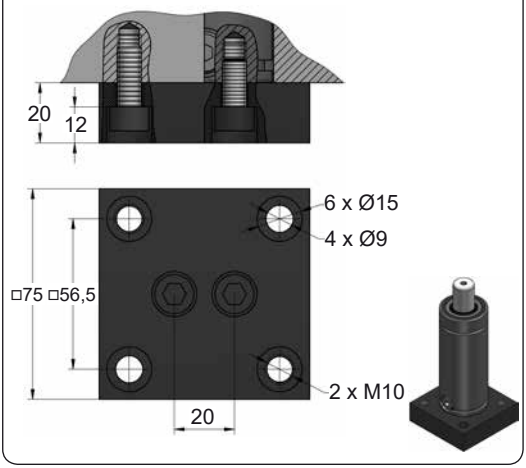
## B21-050

EM24.54.700/F

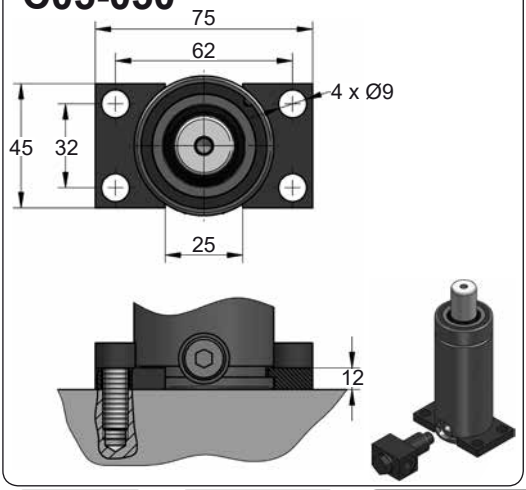



## B76-050

E24.54.815.G
EM24.54.700/F

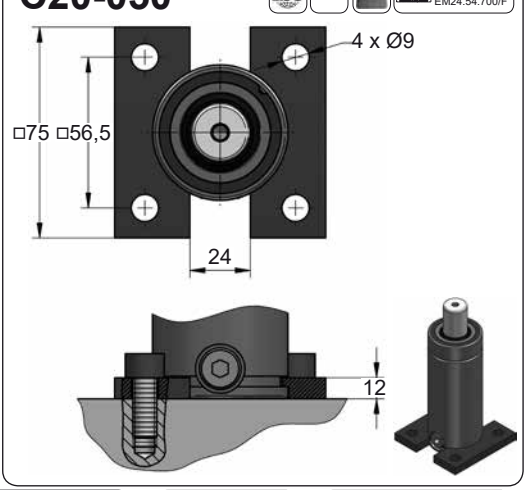



## C05-050




## C20-050

E24.54.815.G
EM24.54.700/F

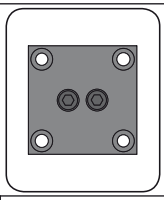


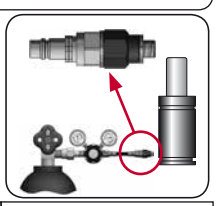












| CODE | | AG 750 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

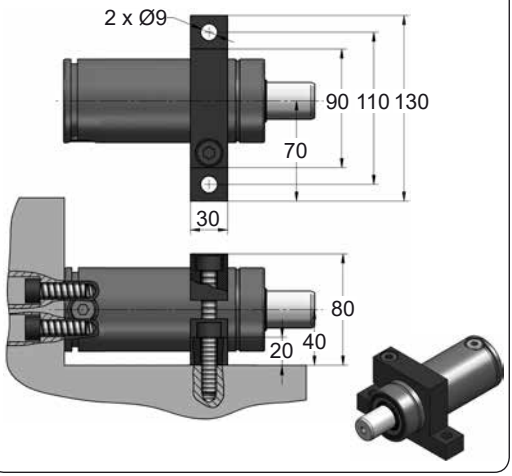
AZOL GAS

# AG 750 MOUNTS

ISO

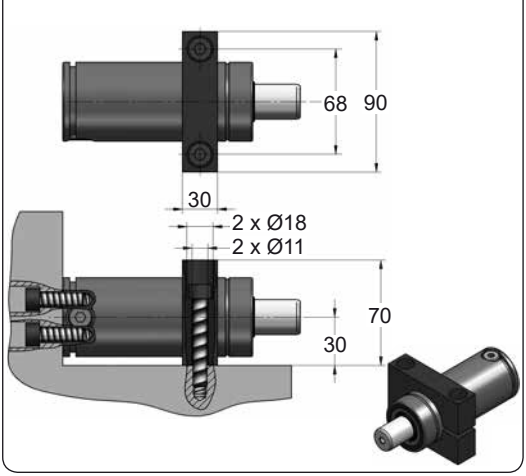
## D02-050

ISO E24.54.815.G EM24.54.700/F




## D67-050

VDI

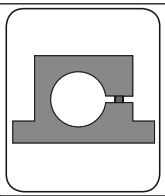


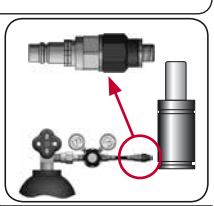












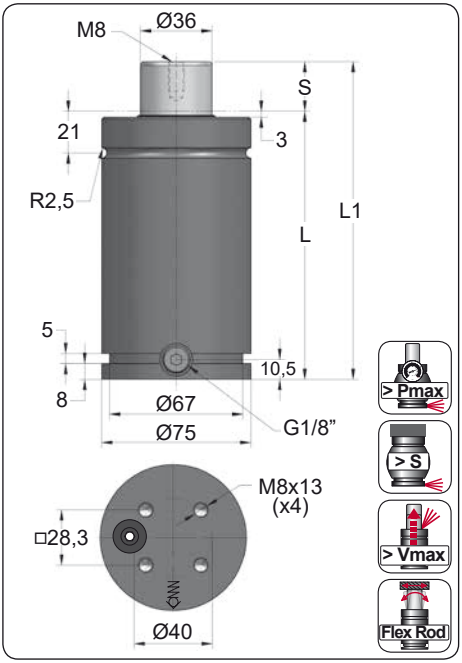
| CODE | | AG 750 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AG 1500

ISO

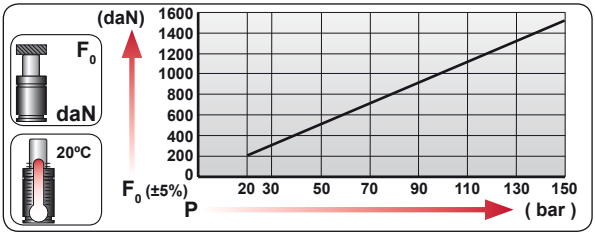
| | | | | | |
|---|---|---|---|---|---|
| BMW | B2 4006 | FORD | W-DX35-6203 | PSA | E24.54.815.G |
| MB | B8 3180 220 000 001 | GM | 90.25.00 | RENAULT | EM24.54.700 |
| VW | 39D 878 | | | NISSAN | K32S0 |

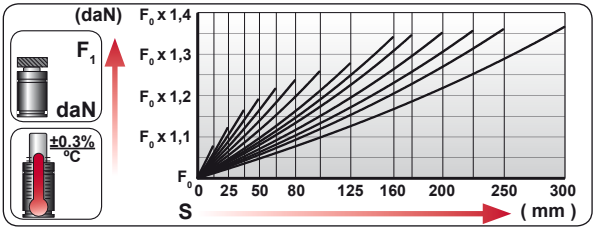
AZOL GAS

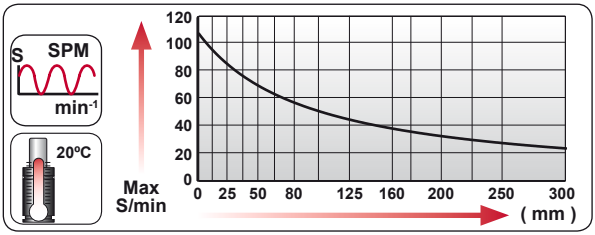



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AG 1500 012 | 12.7 | 135.4 | 122.7 | 3.11 |
| AG 1500 025 | 25 | 160 | 135 | 3.29 |
| AG 1500 038 | 38 | 186 | 148 | 3.48 |
| AG 1500 050 | 50 | 210 | 160 | 3.65 |
| AG 1500 063 | 63.5 | 237 | 173.5 | 3.85 |
| AG 1500 080 | 80 | 270 | 190 | 4.09 |
| AG 1500 100 | 100 | 310 | 210 | 4.38 |
| AG 1500 125 | 125 | 360 | 235 | 4.75 |
| AG 1500 160 | 160 | 430 | 270 | 5.26 |
| AG 1500 175 | 175 | 460 | 285 | 5.48 |
| AG 1500 200 | 200 | 510 | 310 | 5.85 |
| AG 1500 225 | 225 | 560 | 335 | 6.22 |
| AG 1500 250 | 250 | 610 | 360 | 6.58 |
| AG 1500 300 | 300 | 710 | 410 | 7.31 |

PED · ISO 11901 · NAAMS · VDI 3003 · CNOMO EM.24.54



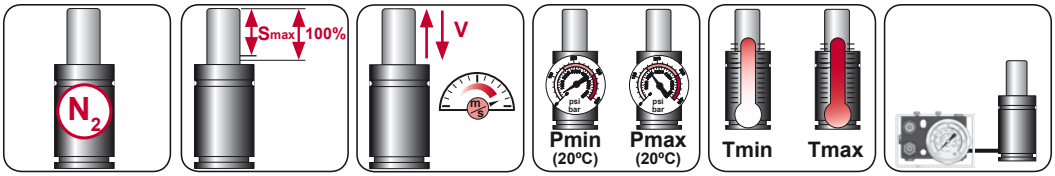




| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| AG 1500 050 | 150 | 2175 | 1530 | 1820 |
| AG-H 1500 050 | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

AG 1500 050 — F0 daN: 1500 — S mm: 50

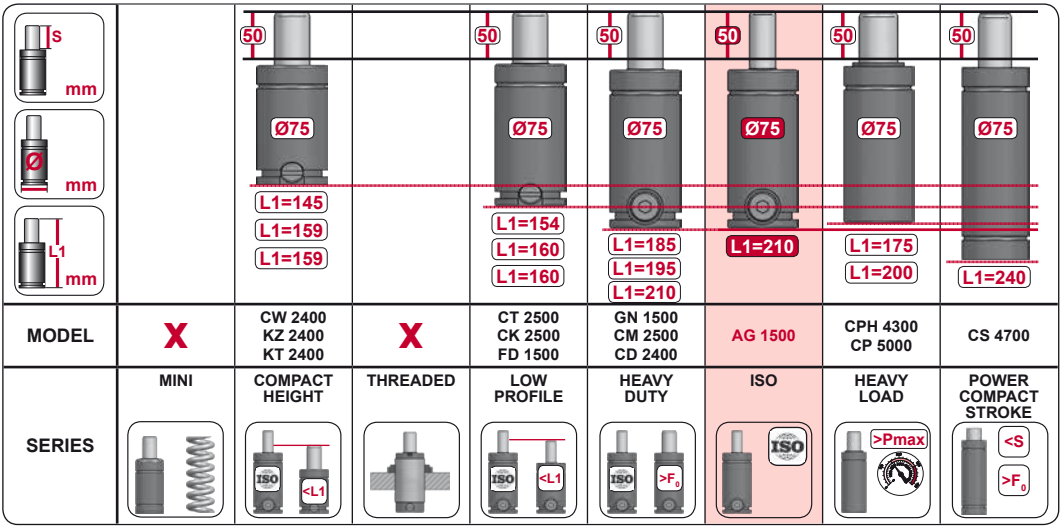



| $N_2$ | Smax < 90% | Vmax 2 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# AG 1500 MOUNTS

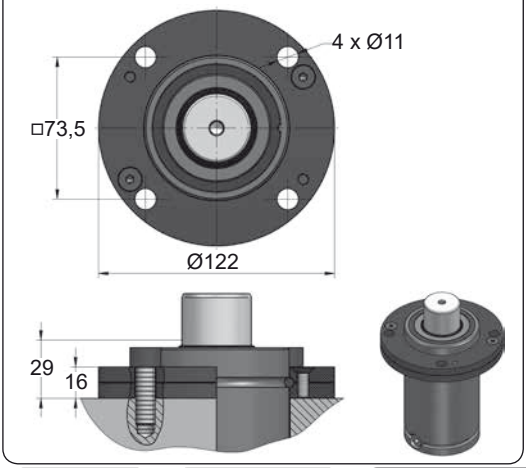
ISO




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MODEL | X | CW 2400<br>KZ 2400<br>KT 2400 | X | CT 2500<br>CK 2500<br>FD 1500 | GN 1500<br>CM 2500<br>CD 2400 | AG 1500 | CPH 4300<br>CP 5000 | CS 4700 |
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

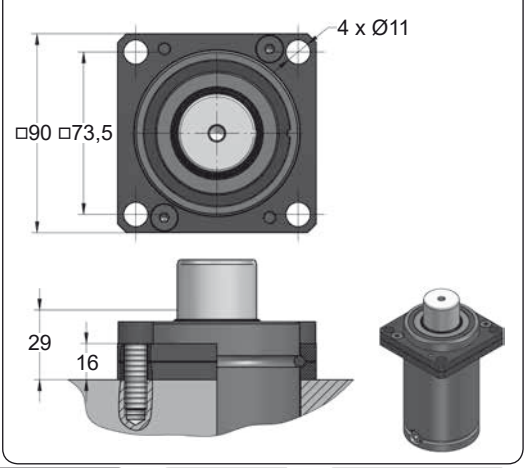
## A14-075

ISO E24.54.815.G EM24.54.700/F




## A34-075

ISO VDI

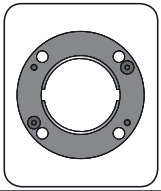


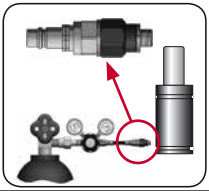












| CODE | | AG 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

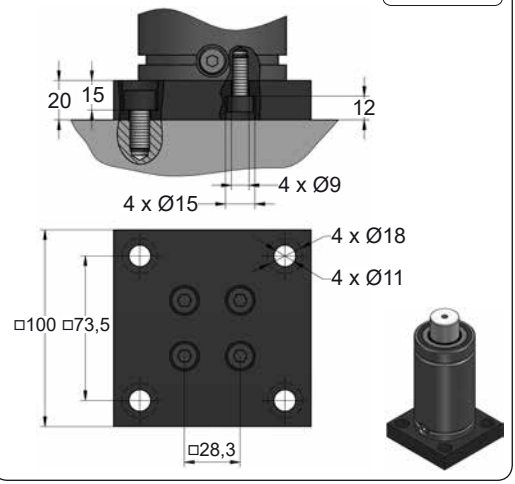
# AG 1500 MOUNTS

ISO

AZOL GAS

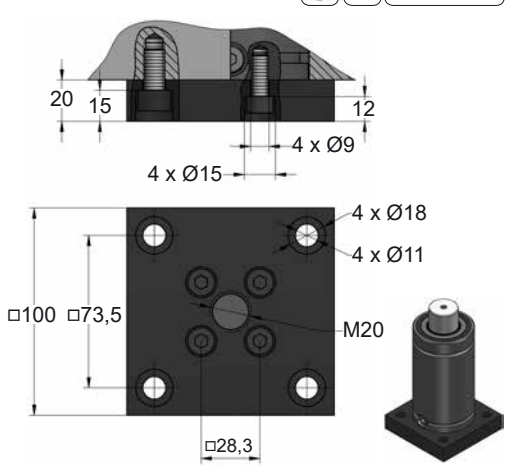
## B21-075

EM24.54.700/F

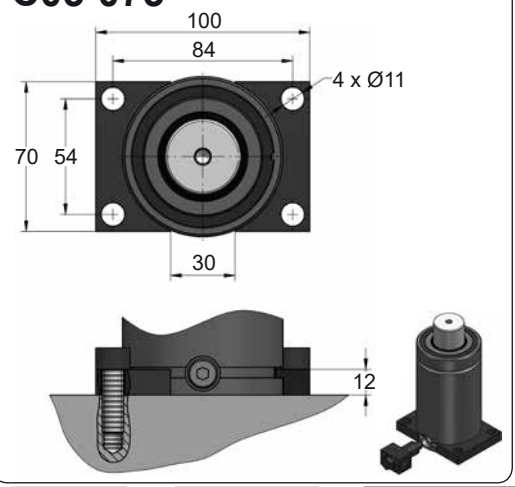



## B76-075

E24.54.815.G
EM24.54.700/F

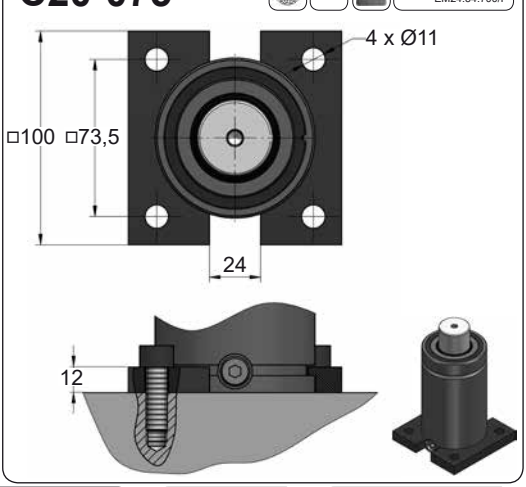



## C05-075




## C20-075

E24.54.815.G
EM24.54.700/F

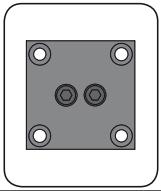


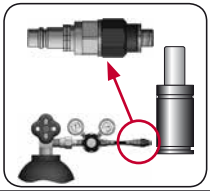












| CODE | | AG 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

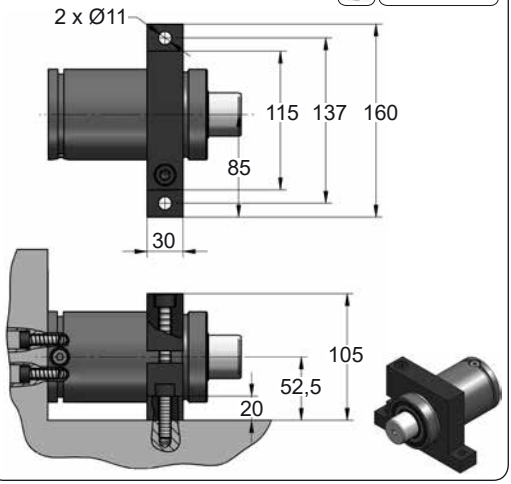
AZOL GAS

# AG 1500 MOUNTS

ISO

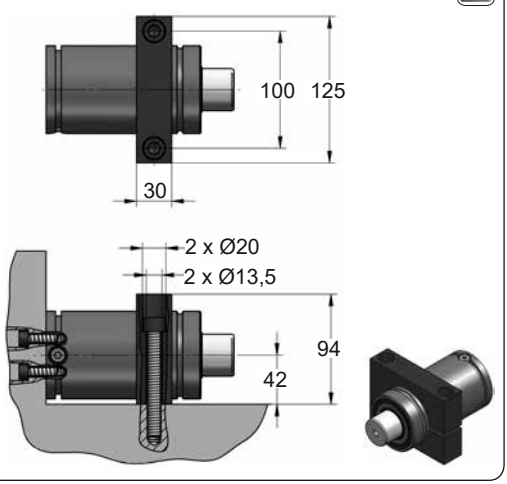
## D02-075

ISO E24.54.815.G EM24.54.700/F




## D67-075

VDI

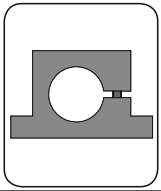


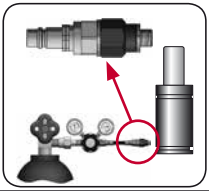












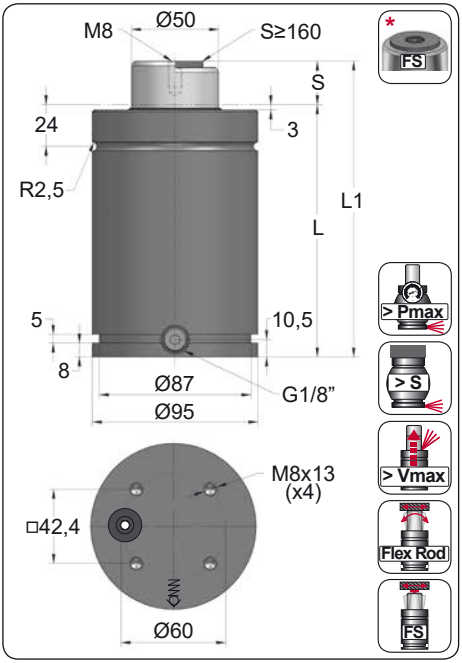
| CODE | | AG 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AG 3000

ISO

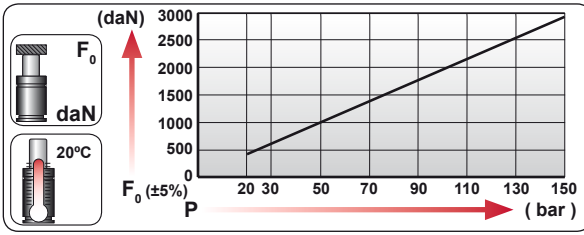
| | | | | | |
|---|---|---|---|---|---|
| BMW | B2 4006 | FORD | W-DX35-6203 | PSA | E24.54.815.G |
| MB | B8 3180 220 000 001 | GM | 90.25.00 | RENAULT | EM24.54.700 |
| VW | 39D 878 | | | NISSAN | K32S0 |

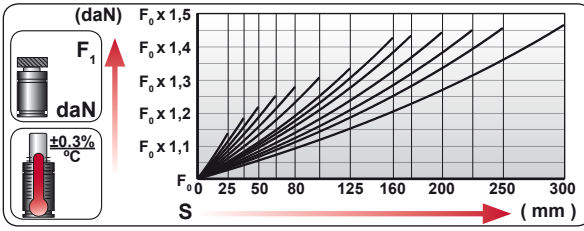
AZOL GAS

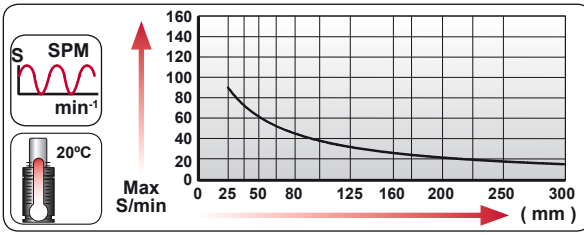



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AG 3000 025 | 25 | 170 | 145 | 5.60 |
| AG 3000 038 | 38 | 196 | 158 | 5.94 |
| AG 3000 050 | 50 | 220 | 170 | 6.25 |
| AG 3000 063 | 63.5 | 247 | 183.5 | 6.60 |
| AG 3000 080 | 80 | 280 | 200 | 7.03 |
| AG 3000 100 | 100 | 320 | 220 | 7.55 |
| AG 3000 125 | 125 | 370 | 245 | 8.20 |
| AG 3000 160 * | 160 | 440 | 280 | 9.11 |
| AG 3000 175 * | 175 | 470 | 295 | 9.50 |
| AG 3000 200 * | 200 | 520 | 320 | 10.15 |
| AG 3000 225 * | 225 | 570 | 345 | 10.81 |
| AG 3000 250 * | 250 | 620 | 370 | 11.46 |
| AG 3000 300 * | 300 | 720 | 420 | 12.76 |

PED · ISO 11901 · NAAMS · VDI 3003 · CNOMO EM.24.54



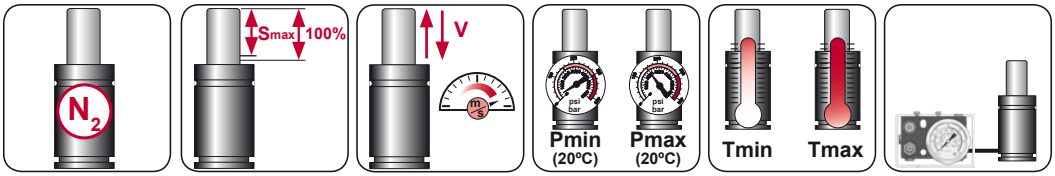

| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| AG 3000 050 | 150 | 2175 | 2945 | 3590 |
| AG-H 3000 050 | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN: 3000 — S mm: 50

AG 3000 050

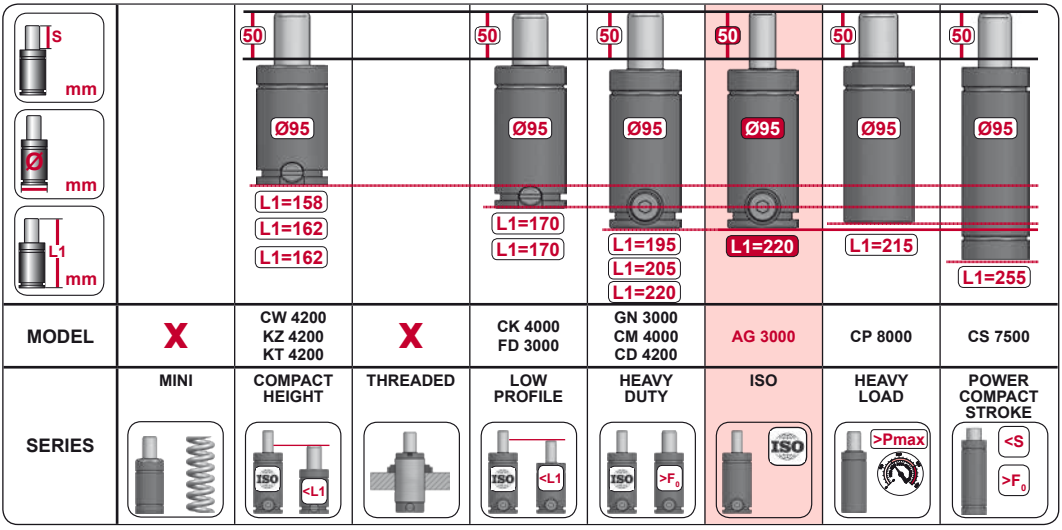



| $N_2$ | Smax < 90% | Vmax 2 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# AG 3000 MOUNTS

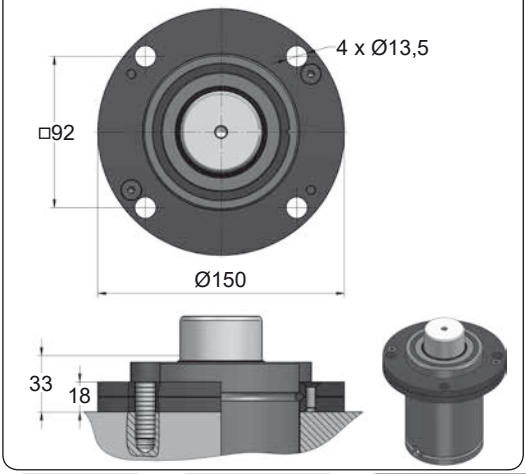
ISO




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MODEL | X | CW 4200<br>KZ 4200<br>KT 4200 | X | CK 4000<br>FD 3000 | GN 3000<br>CM 4000<br>CD 4200 | AG 3000 | CP 8000 | CS 7500 |
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

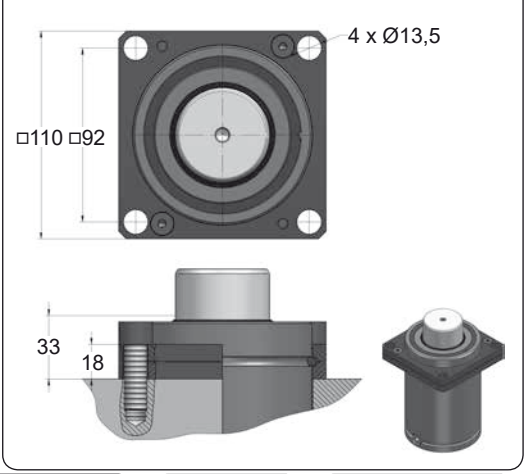
## A14-095

ISO E24.54.815.G EM24.54.700/F




## A34-095

ISO VDI

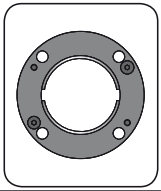


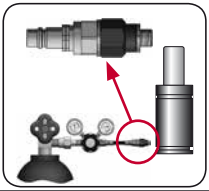












| CODE | | AG 3000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

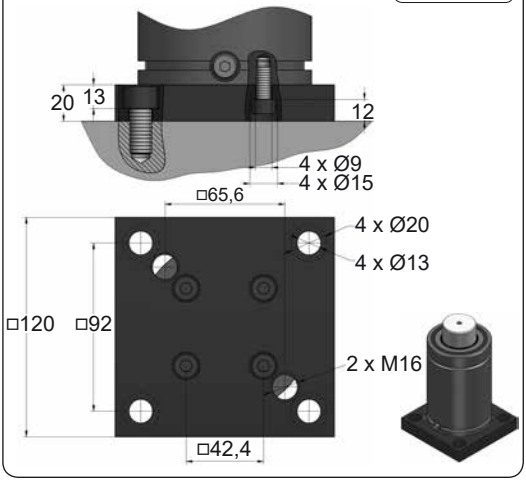
# AG 3000 MOUNTS

ISO

AZOL GAS

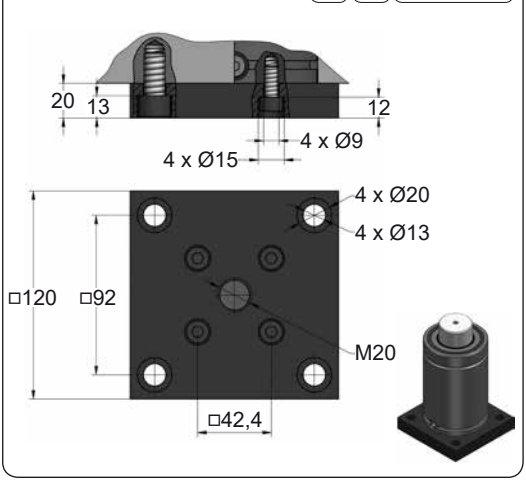
## B21-095

EM24.54.700/F

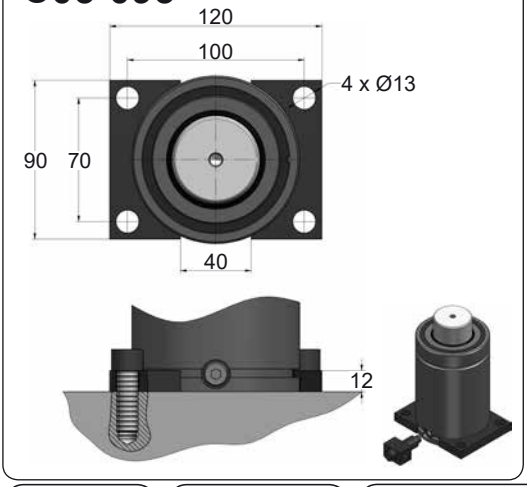



## B76-095

ISO EM24.54.700/F

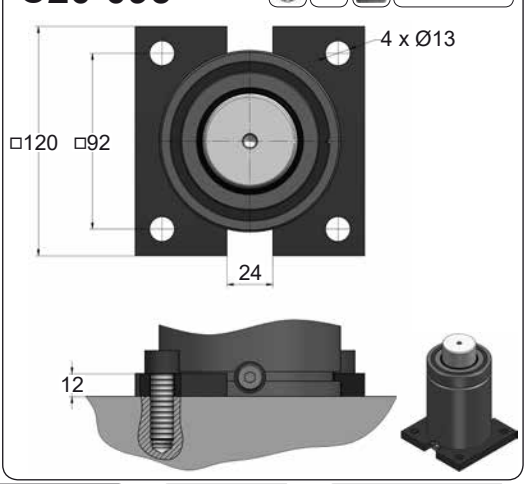



## C05-095




## C20-095

ISO VDI E24.54.815.G EM24.54.700/F







| CODE | | AG 3000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

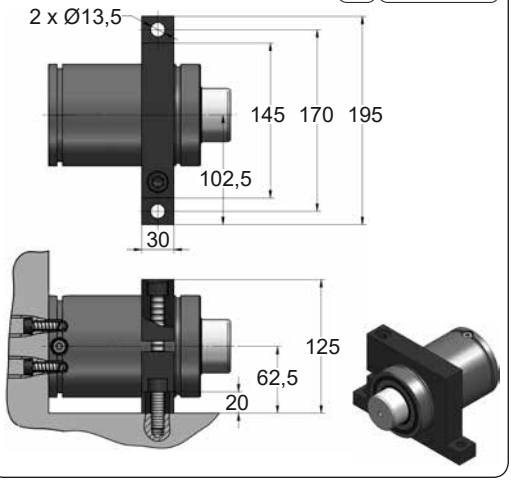
AZOL GAS

# AG 3000 MOUNTS

ISO

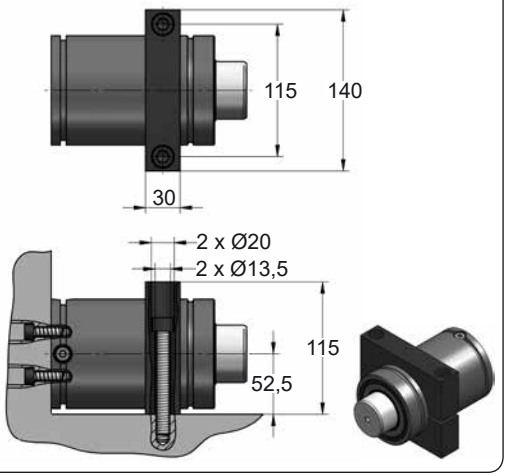
## D02-095

ISO E24.54.815.G EM24.54.700/F




## D67-095

VDI

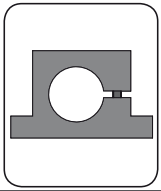


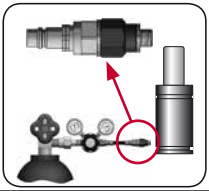












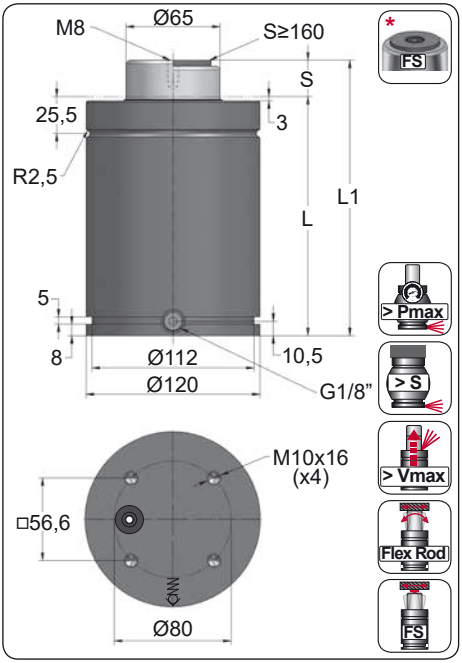
| CODE | | AG 3000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AG 5000

ISO

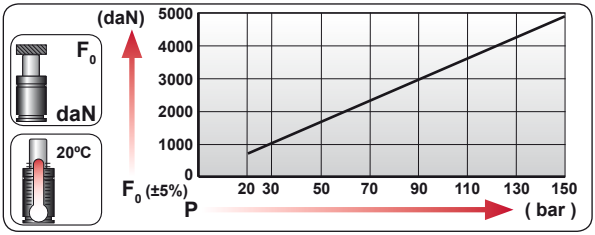
| | | | | | |
|---|---|---|---|---|---|
| BMW | B2 4006 | FORD | W-DX35-6203 | PSA | E24.54.815.G |
| MB | B8 3180 220 000 001 | GM | 90.25.00 | RENAULT | EM24.54.700 |
| VW | 39D 878 | | | NISSAN | K32S0 |

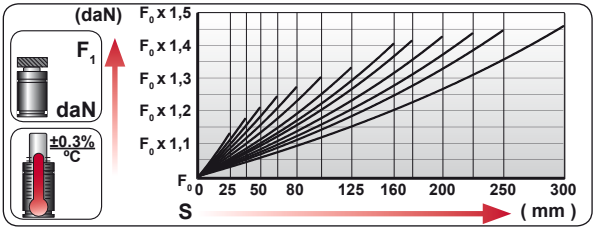
AZOL GAS

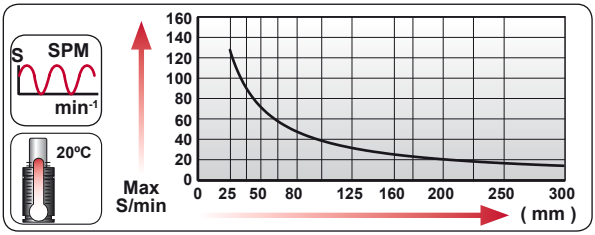



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AG 5000 025 | 25 | 190 | 165 | 10.40 |
| AG 5000 038 | 38 | 216 | 178 | 10.92 |
| AG 5000 050 | 50 | 240 | 190 | 11.41 |
| AG 5000 063 | 63.5 | 267 | 203.5 | 11.96 |
| AG 5000 080 | 80 | 300 | 220 | 12.63 |
| AG 5000 100 | 100 | 340 | 240 | 13.45 |
| AG 5000 125 | 125 | 390 | 265 | 14.47 |
| AG 5000 160 * | 160 | 460 | 300 | 15.89 |
| AG 5000 175 * | 175 | 490 | 315 | 16.50 |
| AG 5000 200 * | 200 | 540 | 340 | 17.52 |
| AG 5000 225 * | 225 | 590 | 365 | 18.53 |
| AG 5000 250 * | 250 | 640 | 390 | 19.55 |
| AG 5000 300 * | 300 | 740 | 440 | 21.59 |

PED · ISO 11901 · NAAMS · VDI 3003 · CNOMO EM.24.54



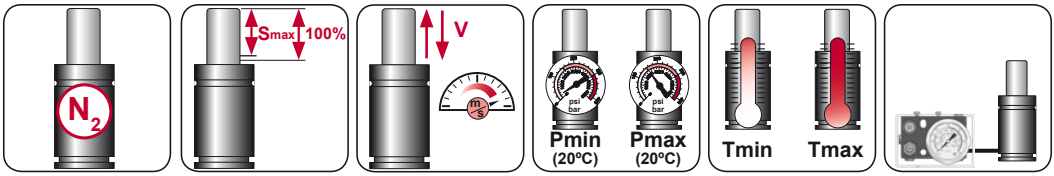




| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| AG 5000 050 | 150 | 2175 | 4980 | 6020 |
| AG-H 5000 050 | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

AG 5000 050 — F0 daN: 5000 — S mm: 50

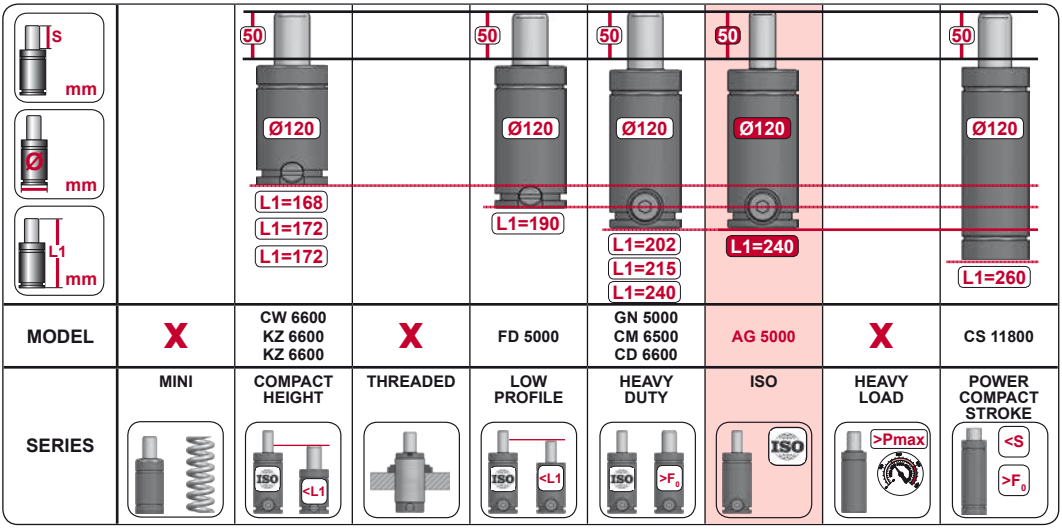



| $N_2$ | Smax < 90% | Vmax 2 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# AG 5000 MOUNTS

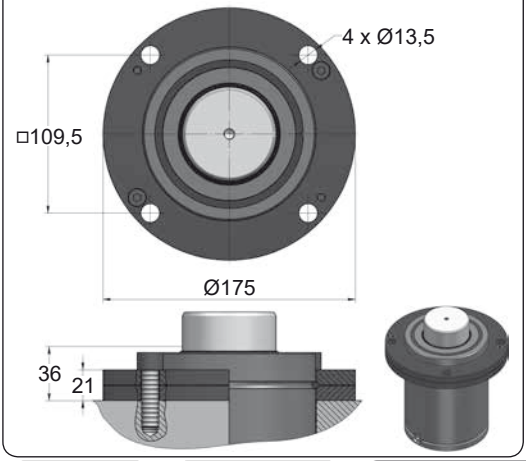
ISO




| MODEL | X | CW 6600 KZ 6600 KZ 6600 | X | FD 5000 | GN 5000 CM 6500 CD 6600 | AG 5000 | X | CS 11800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

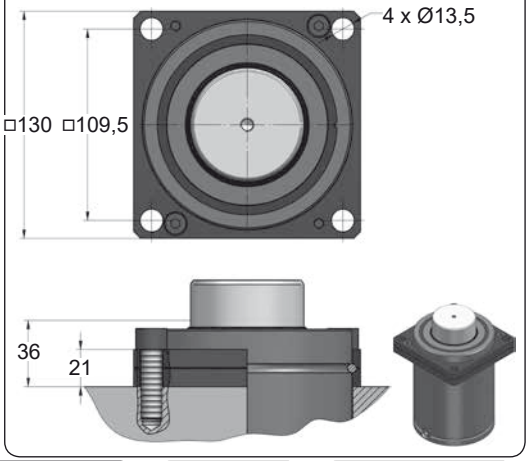
## A14-120

ISO E24.54.815.G EM24.54.700/F




## A34-120

ISO VDI

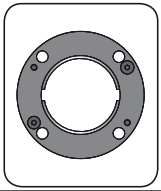


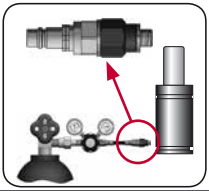












| CODE | | AG 5000 050 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

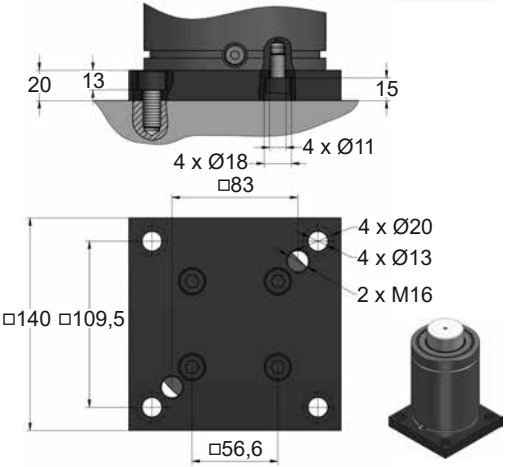
# AG 5000 MOUNTS

ISO

AZOL GAS

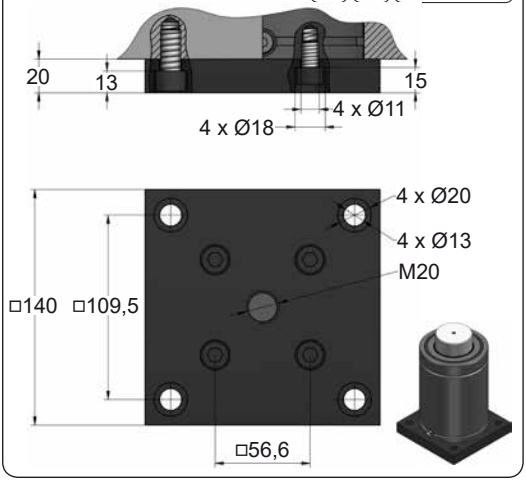
## B21-120

EM24.54.700/F

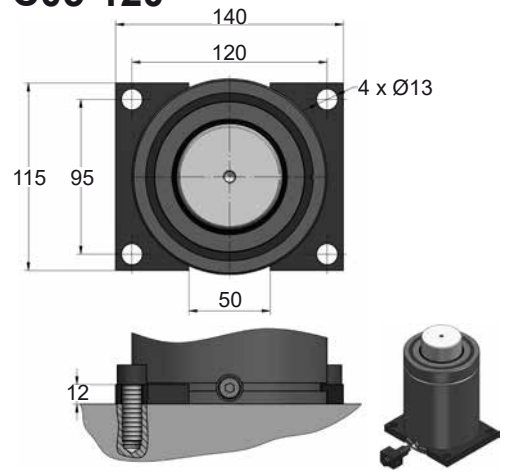



## B76-120

ISO EM24.54.700/F

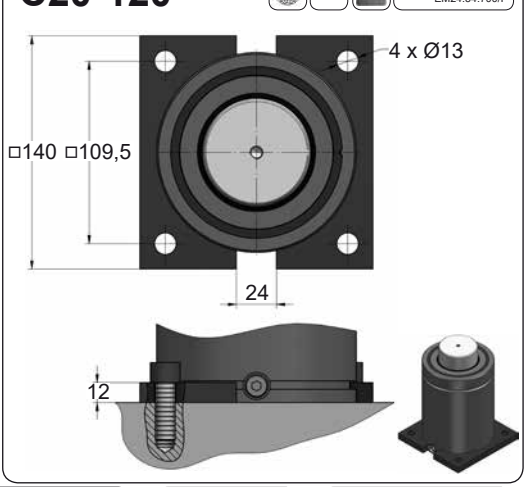



## C05-120




## C20-120

ISO VDI E24.54.815.G EM24.54.700/F

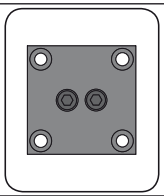


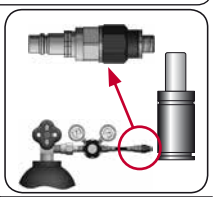












| CODE | | AG 5000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

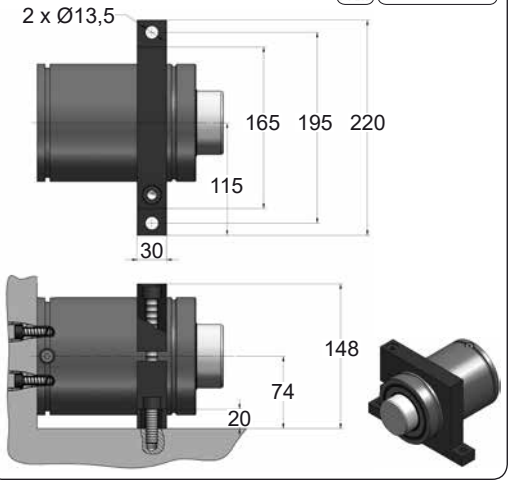
AZOL GAS

# AG 5000 MOUNTS

ISO

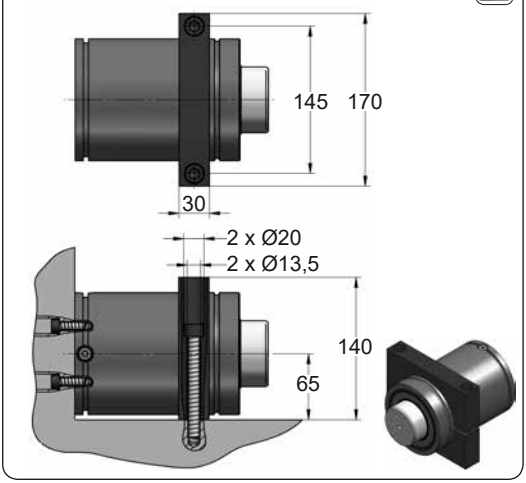
## D02-120

ISO E24.54.815.G EM24.54.700/F




## D67-120

VDI

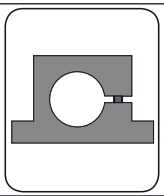


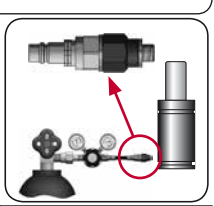












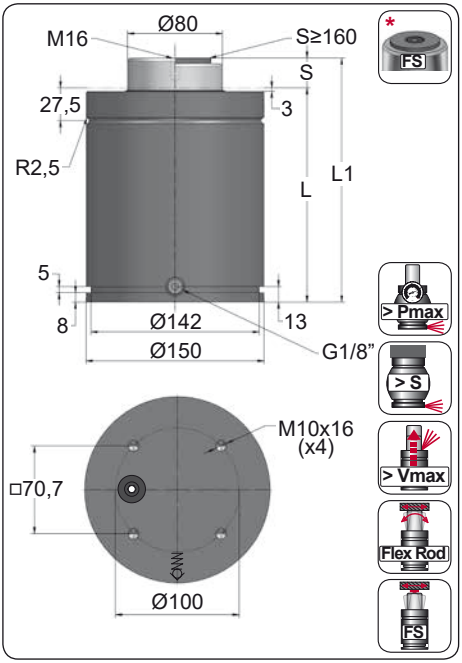
| CODE | | AG 5000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AG 7500

ISO

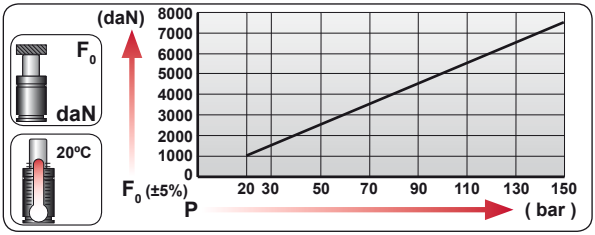
| | | | | | |
|---|---|---|---|---|---|
| **BMW** | B2 4006 | **FORD** | W-DX35-6203 | **PSA** | E24.54.815.G |
| **MB** | B8 3180 220 000 001 | **GM** | 90.25.00 | **RENAULT** | EM24.54.700 |
| **VW** | 39D 878 | | | | |

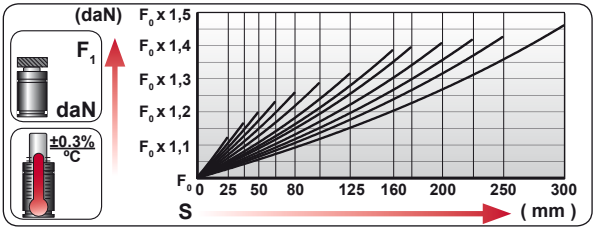
AZOL GAS

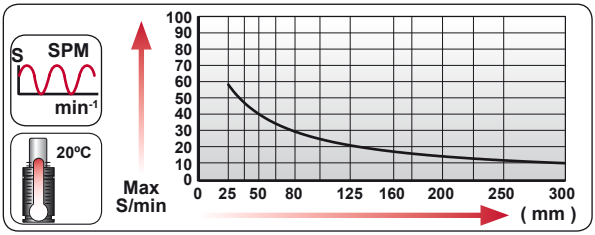



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AG 7500 025 | 25 | 205 | 180 | 17.98 |
| AG 7500 038 | 38 | 231 | 193 | 18.80 |
| AG 7500 050 | 50 | 255 | 205 | 19.56 |
| AG 7500 063 | 63.5 | 282 | 218.5 | 20.41 |
| AG 7500 080 | 80 | 315 | 235 | 21.46 |
| AG 7500 100 | 100 | 355 | 255 | 22.72 |
| AG 7500 125 | 125 | 405 | 280 | 24.30 |
| AG 7500 160 * | 160 | 475 | 315 | 26.51 |
| AG 7500 175 * | 175 | 505 | 330 | 27.46 |
| AG 7500 200 * | 200 | 555 | 355 | 29.04 |
| AG 7500 225 * | 225 | 605 | 380 | 30.62 |
| AG 7500 250 * | 250 | 655 | 405 | 32.20 |
| AG 7500 300 * | 300 | 755 | 455 | 35.36 |

PED 2014/68/EU · ISO ISO 11901 · NAAMS · VDI VDI 3003 · CNOMO EM.24.54



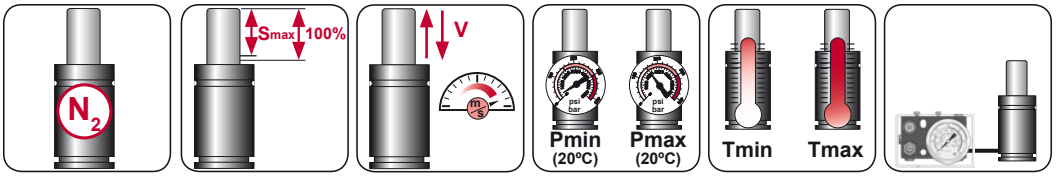

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| AG 7500 050 | 150 | 2175 | 7540 | 9025 |
| AG-H 7500 050 | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: 7500 — S mm: 50

AG 7500 050

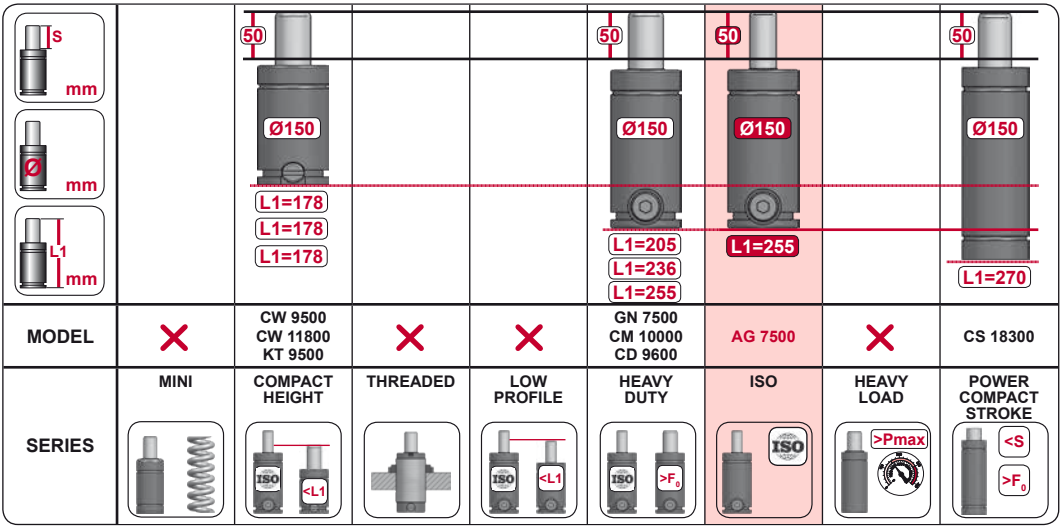



| $N_2$ | Smax < 90% | Vmax 2 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

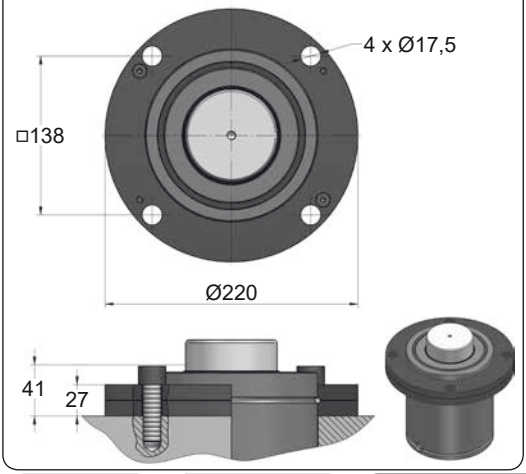
# AG 7500 MOUNTS

ISO

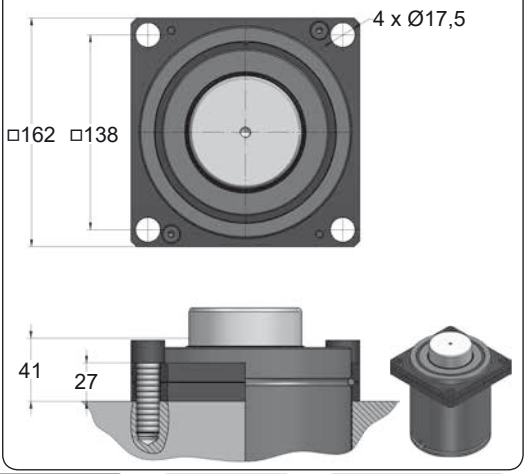



## A14-150

E24.54.815.G
EM24.54.700/F




## A34-150

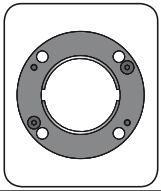


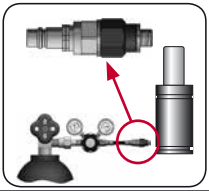












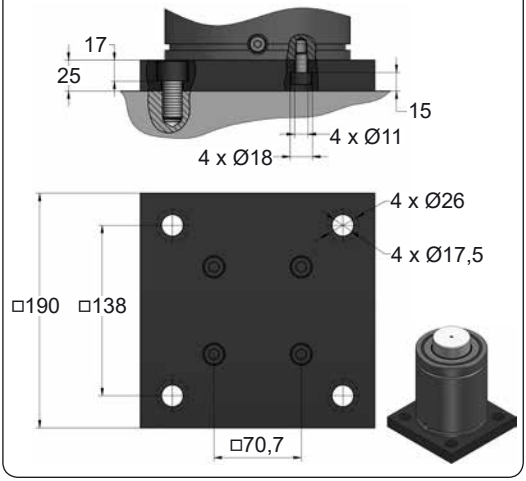
| CODE | | AG 7500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AG 7500 MOUNTS

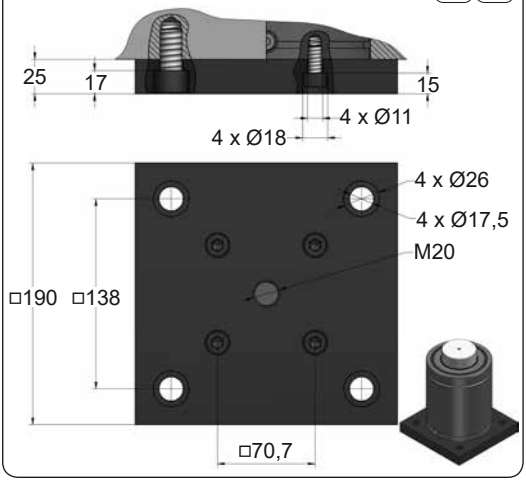
ISO

AZOL GAS

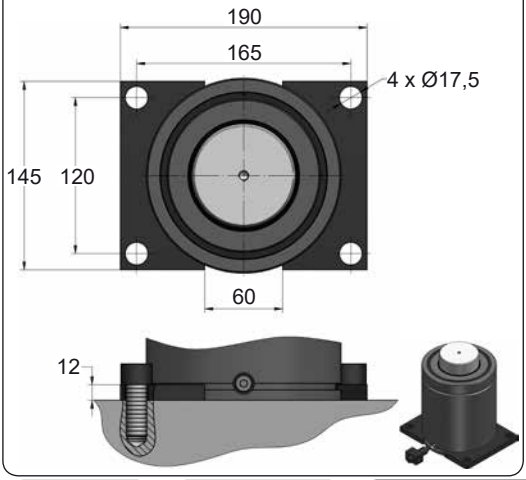
## B21-150




## B76-150

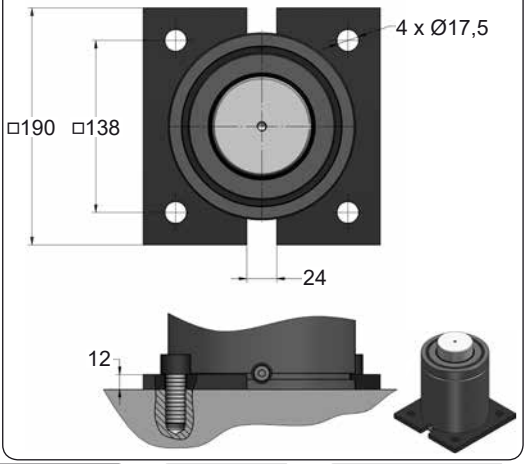



## C05-150




## C20-150

E24.54.815.G
EM24.54.700/F

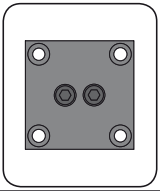


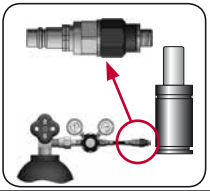












| CODE | | AG 7500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

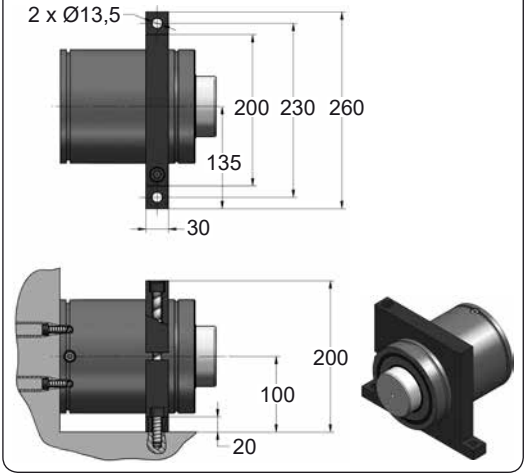
AZOL GAS

# AG 7500 MOUNTS

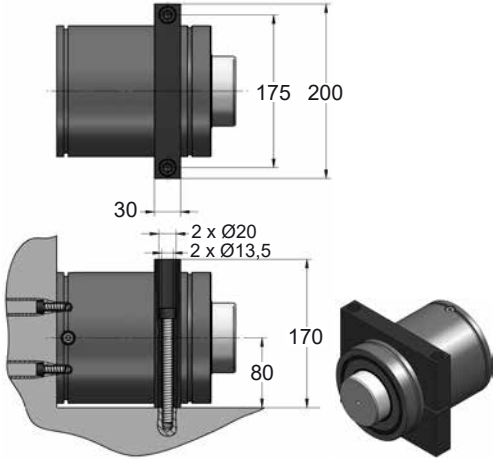
ISO

## D02-150

E24.54.815.G




## D67-150

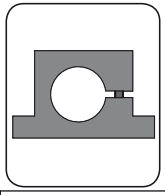


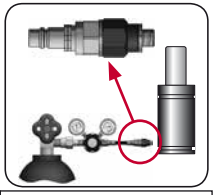












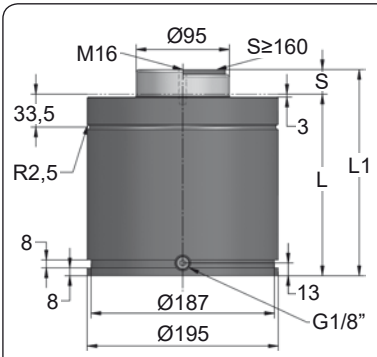
| CODE | | AG 7500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

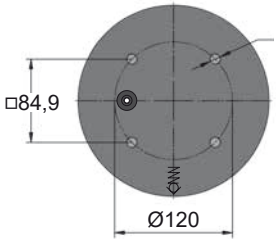
# AG 10000

ISO

| | | |
|---|---|---|
| | GM 90.25.00 | RENAULT EM24.54.700 |
| VW 39D 878 | | |

AZOL GAS




* FS

> Pmax

> S

> Vmax

Flex Rod

FS

| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| AG 10000 025 | 25 | 210 | 185 | 32.54 |
| AG 10000 038 | 38 | 236 | 198 | 33.86 |
| AG 10000 050 | 50 | 260 | 210 | 35.09 |
| AG 10000 063 | 63.5 | 287 | 223.5 | 36.46 |
| AG 10000 080 | 80 | 320 | 240 | 38.15 |
| AG 10000 100 | 100 | 360 | 260 | 40.19 |
| AG 10000 125 | 125 | 410 | 285 | 42.74 |
| AG 10000 160 * | 160 | 480 | 320 | 46.31 |
| AG 10000 200 * | 200 | 560 | 360 | 50.39 |
| AG 10000 250 * | 250 | 660 | 410 | 55.49 |
| AG 10000 300 * | 300 | 760 | 460 | 60.60 |

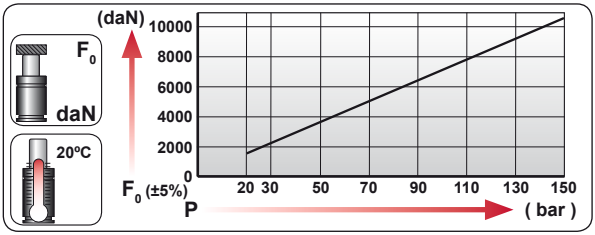
PED

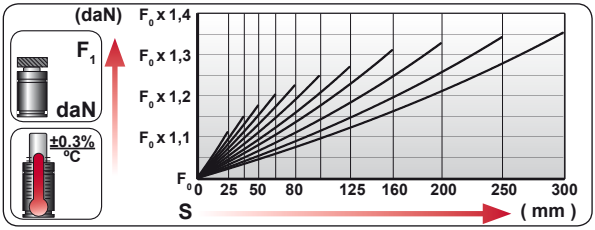
ISO 11901

NAAMS

VDI 3003

CNOMO EM.24.54

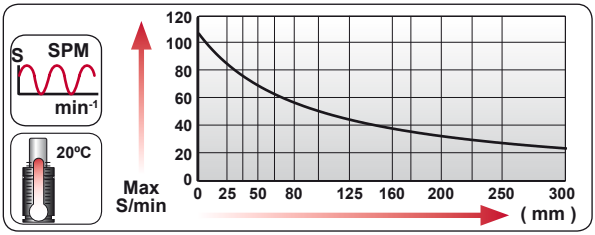



| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| AG 10000 050 | 145 | 2105 | 10280 | 12100 |
| AG-H 10000 050 | 0 | 0 | --- | --- |

VDI 3003

EQUIPPED WITH VDI - SAFETY

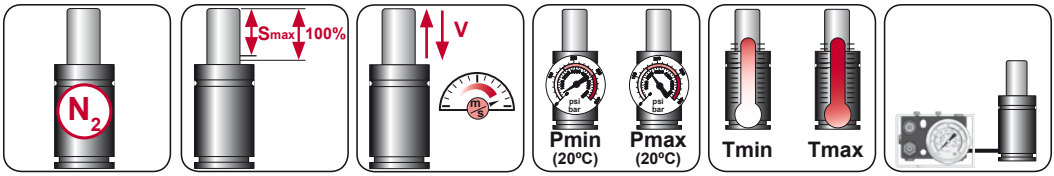



| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: 10000

S mm: 50

AG 10000 050

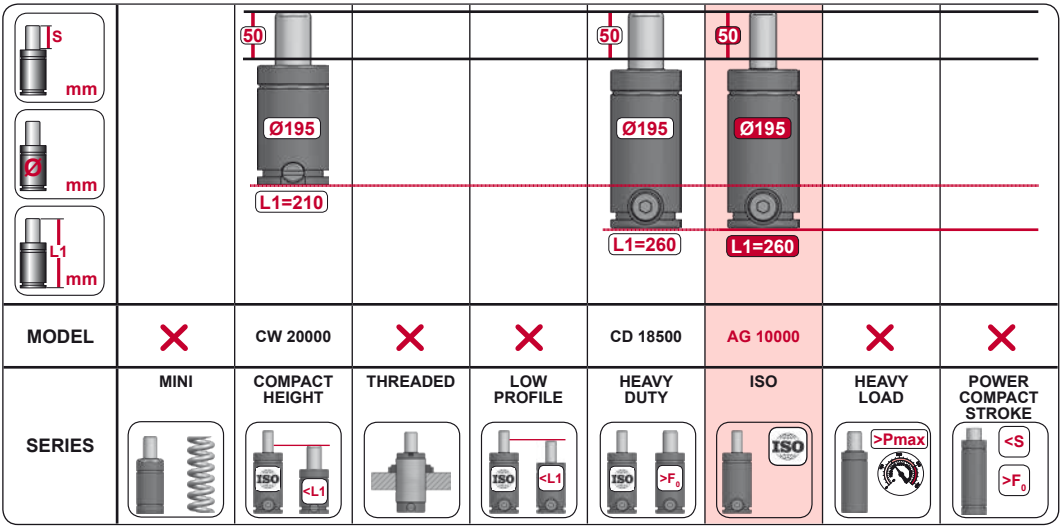



| $N_2$ | Smax < 90% | Vmax 2 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# AG 10000 MOUNTS

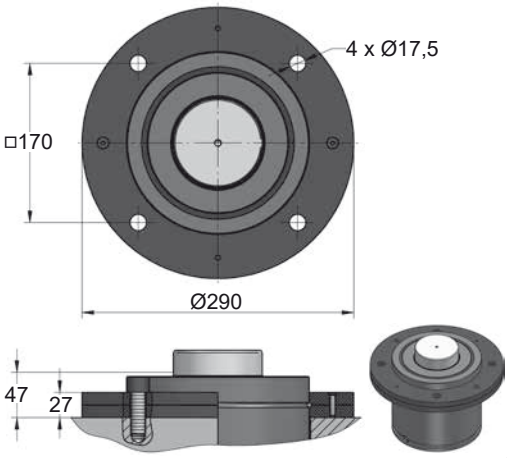
ISO




| MODEL | | CW 20000 | | | CD 18500 | AG 10000 | | |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

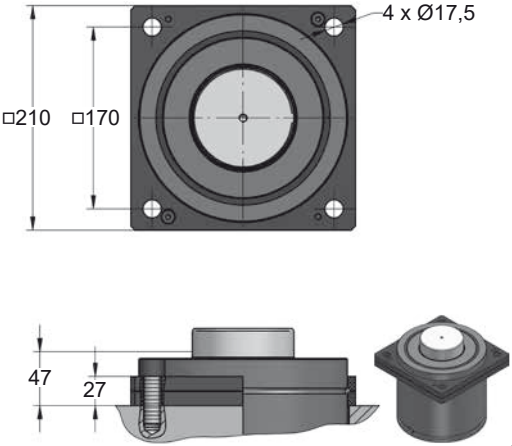
## A14-195

ISO EM24.54.700/F




## A34-195

ISO VDI

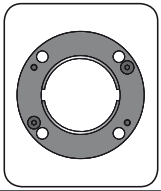


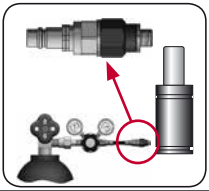












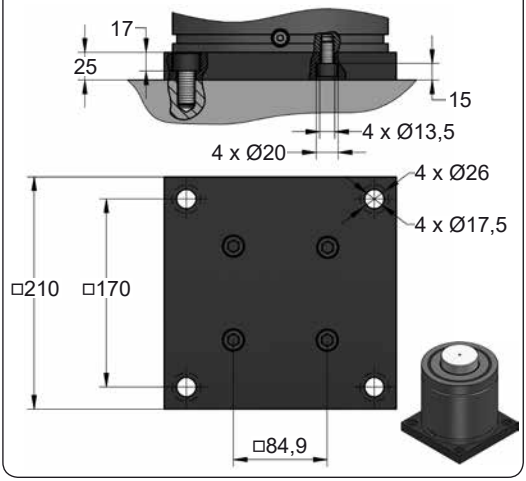
| CODE | | AG 10000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-195 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AG 10000 MOUNTS

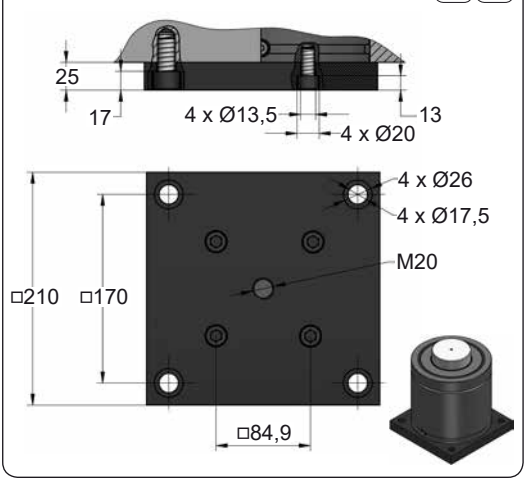
ISO

AZOL GAS

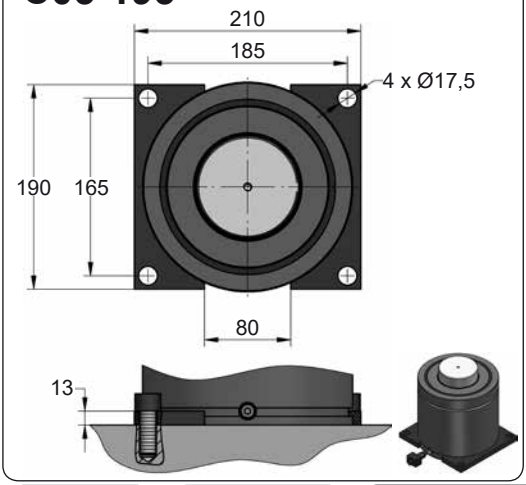
## B21-195




## B76-195

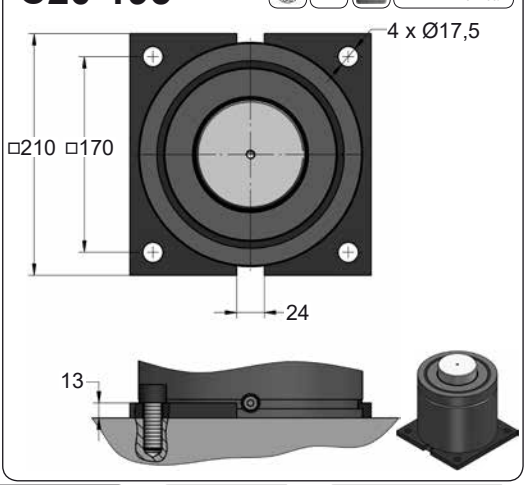



## C05-195




## C20-195

EM24.54.700/F

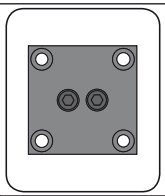


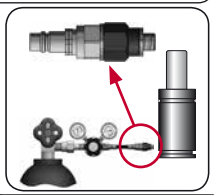












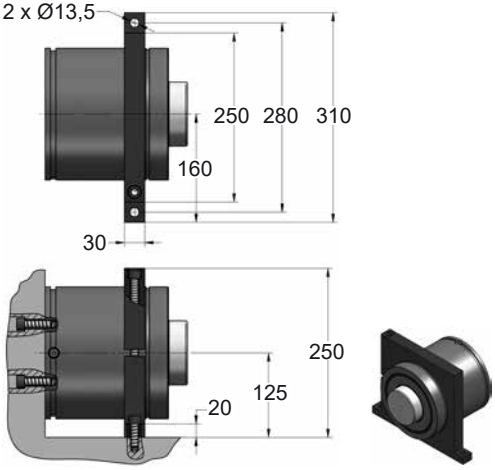
| CODE | | AG 10000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-195 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

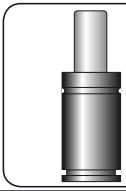
# AG 10000 MOUNTS

ISO

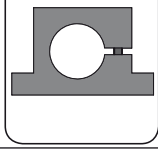
## D02-195

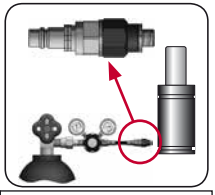








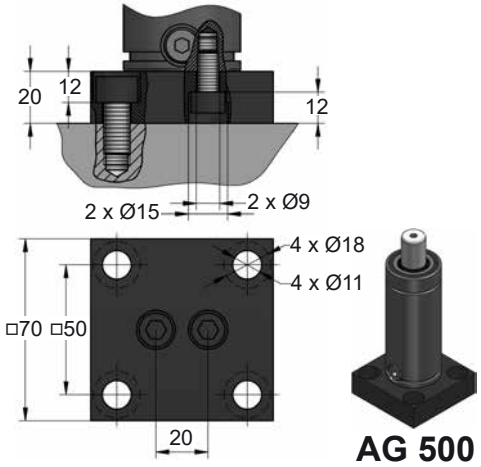
| CODE | | AG 10000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-195 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# MOUNTS

ISO

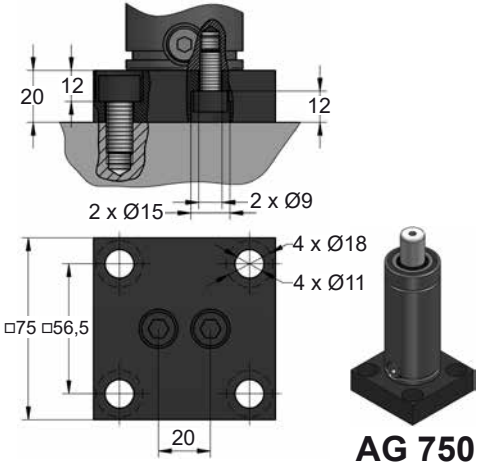
AZOL GAS

## B51-045




AG 500

## B51-050



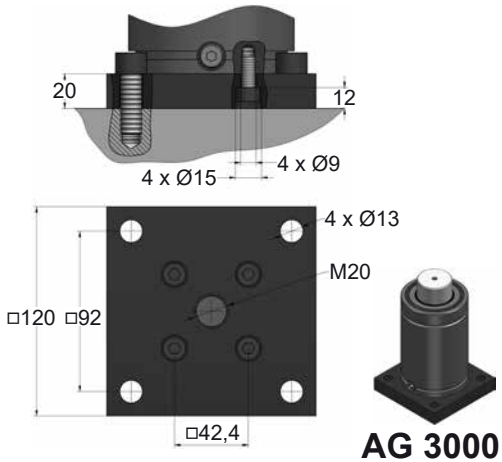

AG 750

AZOL GAS

# MOUNTS
ISO

## B16-095

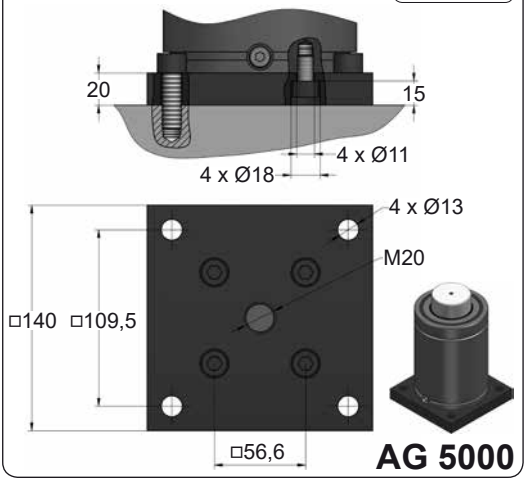
E24.54.815.G




**AG 3000**

## B16-120

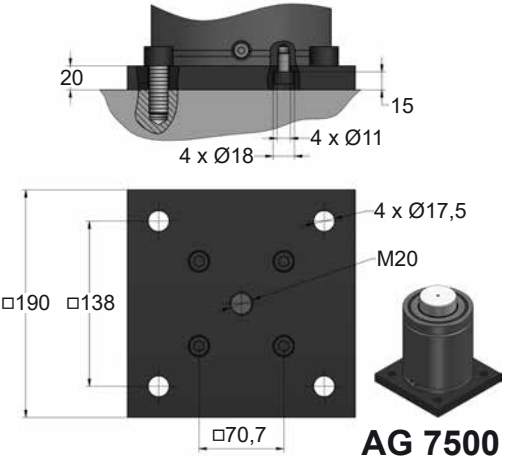
E24.54.815.G




**AG 5000**

## B16-150

E24.54.815.G

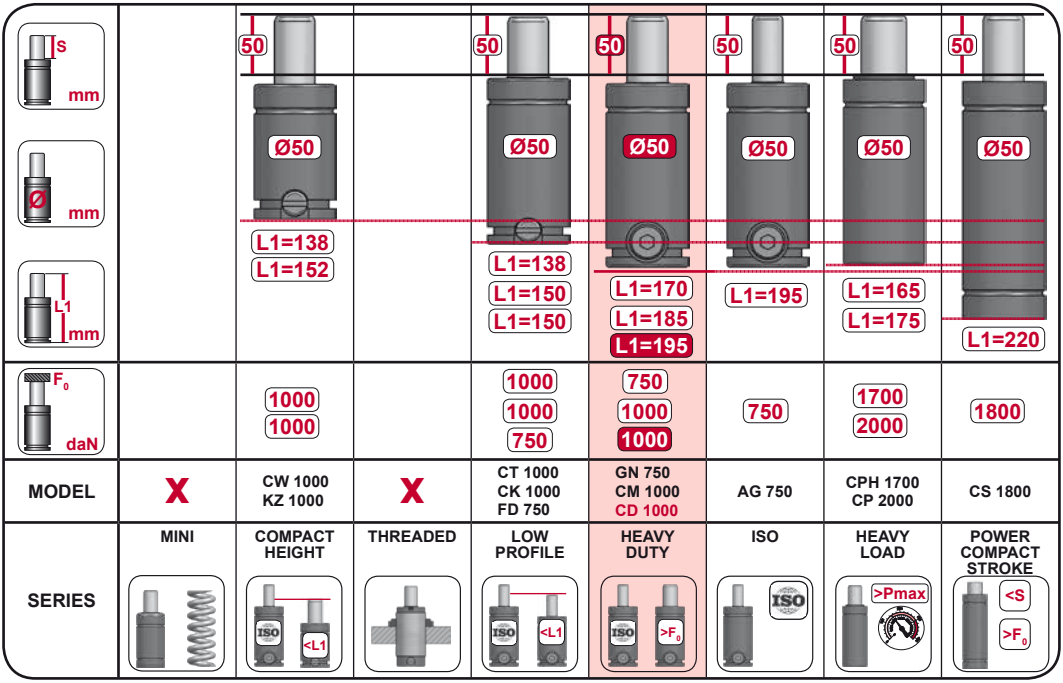



**AG 7500**

AZOL GAS

# CD HEAVY DUTY LARGE

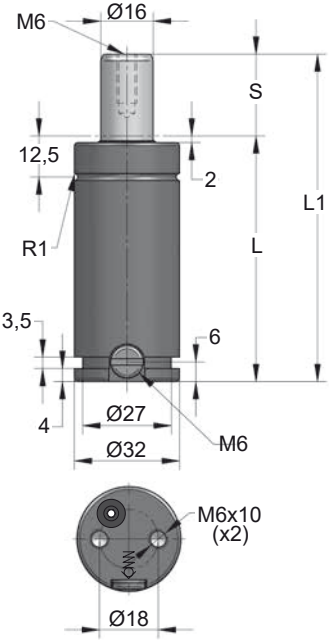
| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| CD 300 V1 | 300 | Ø32 | 10 - 125 | 70 - 300 | 150 | M6 | ✔ | ✔ |
| CD 500 V1 | 500 | Ø38 | 10 - 125 | 70 - 300 | 150 | M6 | ✔ | ✔ |
| CD 700 | 700 | Ø45 | 12.7 - 160 | 110.4 - 405 | 150 | G1/8" | ✔ | ✔ |
| CD 1000 V1 | 1000 | Ø50 | 13 - 300 | 121 - 695 | 150 | G1/8" | ✔ | ✔ |
| CD 1500 V2 | 1500 | Ø63 | 25 - 200 | 145 - 495 | 150 | G1/8" | ✔ | ✔ |
| CD 2400 | 2400 | Ø75 | 25 - 300 | 160 - 710 | 150 | G1/8" | ✔ | ✔ |
| CD 4200 | 4200 | Ø95 | 25 - 300 | 170 - 720 | 150 | G1/8" | ✔ | ✔ |
| CD 6600 | 6600 | Ø120 | 25 - 300 | 190 - 740 | 150 | G1/8" | ✔ | ✔ |
| CD 9600 | 9600 | Ø150 | 25 - 300 | 205 - 755 | 150 | G1/8" | ✔ | ✔ |
| CD 18500 | 18500 | Ø195 | 25 - 300 | 210 - 760 | 150 | G1/8" | ✔ | ✔ |



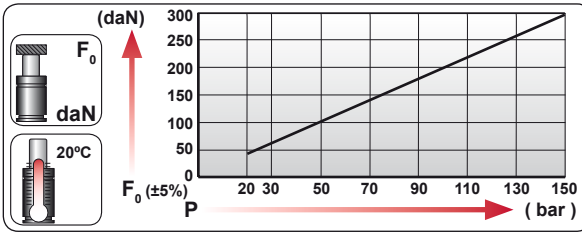
# CD 300 V1

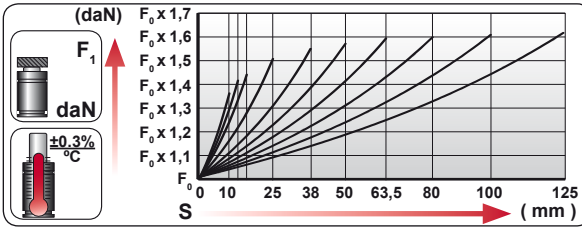
*Heavy Duty*

AZOL GAS



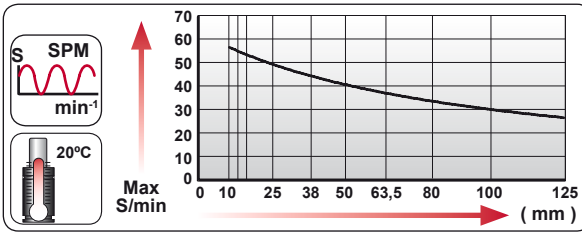

| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CD 300 010 V1 | 10 | 70 | 60 | 0.29 |
| CD 300 012 V1 | 12.7 | 75.4 | 62.7 | 0.29 |
| CD 300 016 V1 | 16 | 82 | 66 | 0.31 |
| CD 300 025 V1 | 25 | 100 | 75 | 0.34 |
| CD 300 038 V1 | 38 | 126 | 88 | 0.38 |
| CD 300 050 V1 | 50 | 150 | 100 | 0.42 |
| CD 300 063 V1 | 63.5 | 177 | 113.5 | 0.47 |
| CD 300 080 V1 | 80 | 210 | 130 | 0.52 |
| CD 300 100 V1 | 100 | 250 | 150 | 0.59 |
| CD 300 125 V1 | 125 | 300 | 175 | 0.68 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CD 300 050 V1 | 150 | 2175 | 300 | 470 |
| CD-H 300 050 V1 | 0 | 0 | --- | --- |

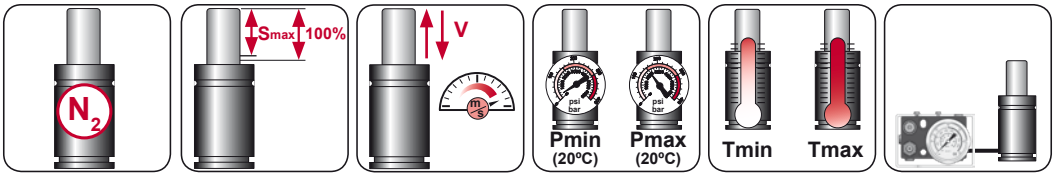
VDI 3003 — EQUIPPED WITH VDI - SAFETY




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: 300 — S mm: 50

CD 300 050 V1




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

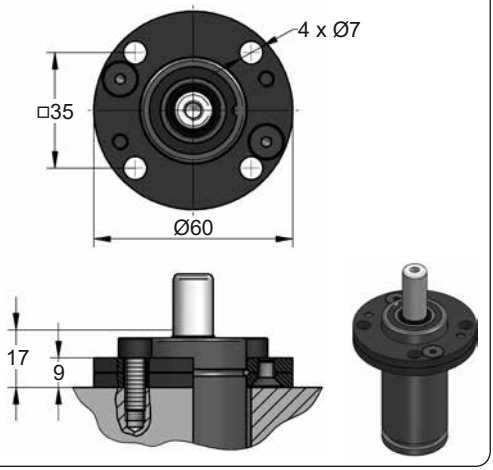
AZOL GAS

# CD 300 V1 *MOUNTS*

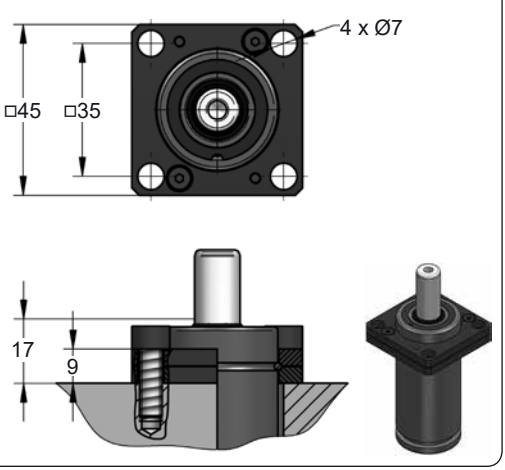
*Heavy Duty*

## A14-032

E24.54.815.G
EM24.54.700/F

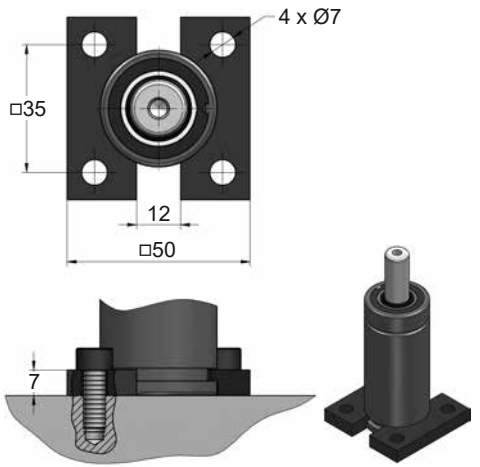



## A34-032

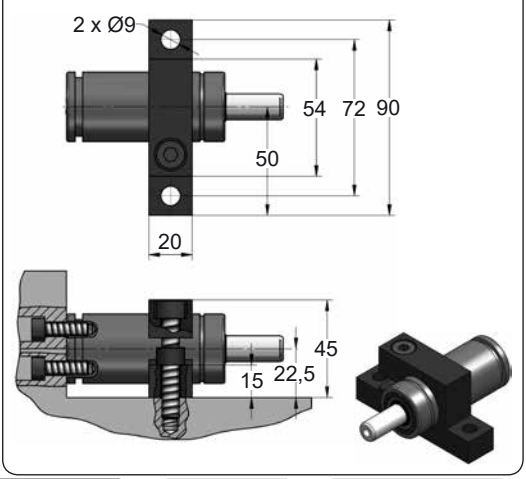



## C20-032

E24.54.815.G
EM24.54.700/F




## D02-032

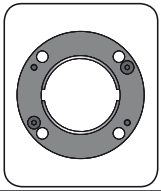


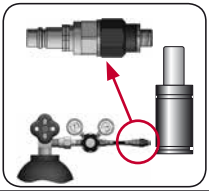










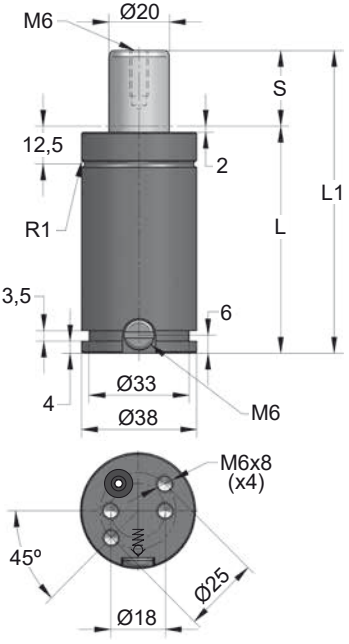


| CODE | | CD 300 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-032 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

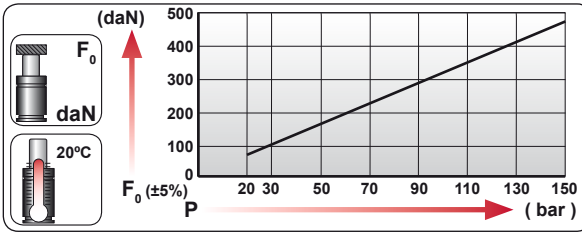
# CD 500 V1

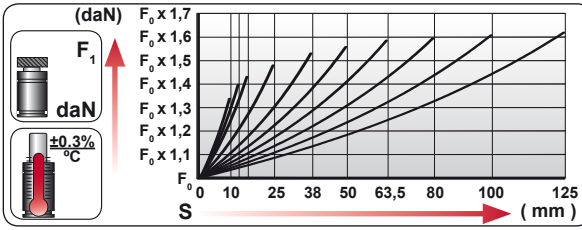
*Heavy Duty*

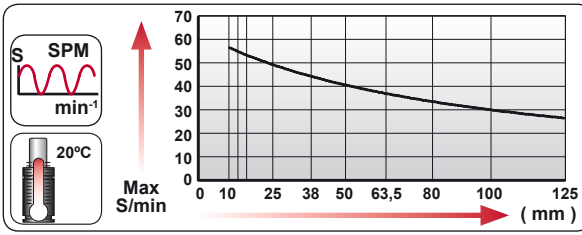
AZOL GAS




| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CD 500 010 V1 | 10 | 70 | 60 | 0.40 |
| CD 500 012 V1 | 12.7 | 75.4 | 62.7 | 0.41 |
| CD 500 016 V1 | 16 | 82 | 66 | 0.43 |
| CD 500 025 V1 | 25 | 100 | 75 | 0.47 |
| CD 500 038 V1 | 38 | 126 | 88 | 0.54 |
| CD 500 050 V1 | 50 | 150 | 100 | 0.59 |
| CD 500 063 V1 | 63.5 | 177 | 113.5 | 0.66 |
| CD 500 080 V1 | 80 | 210 | 130 | 0.74 |
| CD 500 100 V1 | 100 | 250 | 150 | 0.83 |
| CD 500 125 V1 | 125 | 300 | 175 | 0.95 |



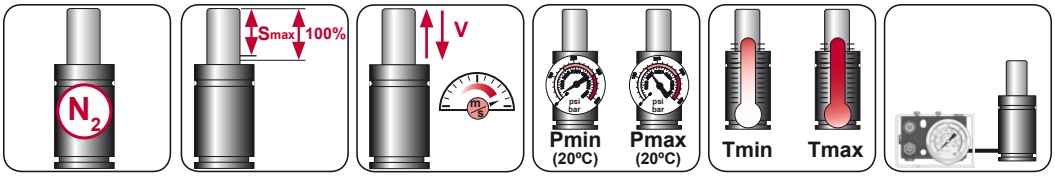

| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| CD 500 050 V1 | 150 | 1885 | 470 | 730 |
| CD-H 500 050 V1 | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN: 500 — S mm: 50

CD 500 050 V1




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

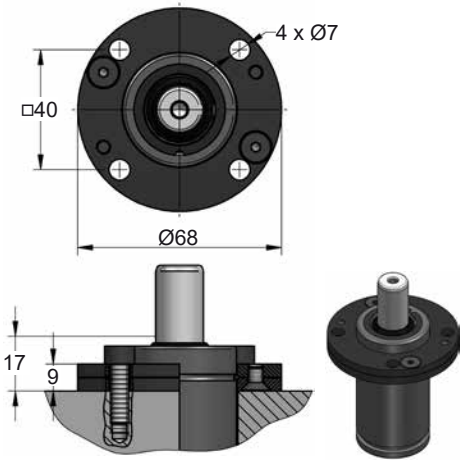
AZOL GAS

# CD 500 V1 MOUNTS

*Heavy Duty*

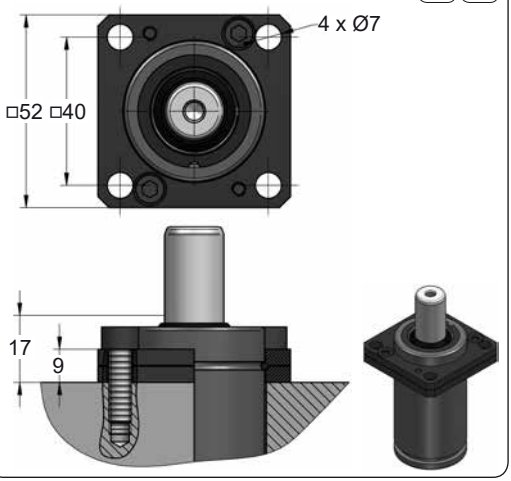
## A14-038

ISO · E24.54.815.G · EM24.54.700/F



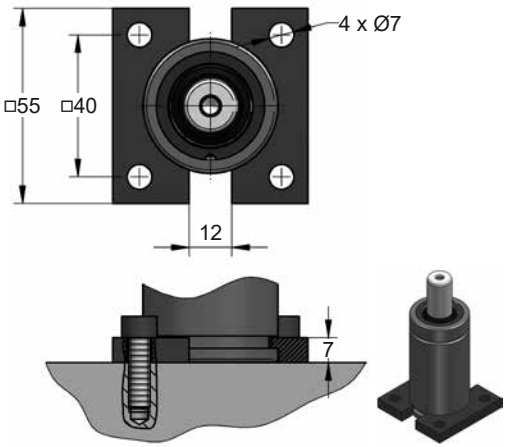

## A34-038

ISO · VDI



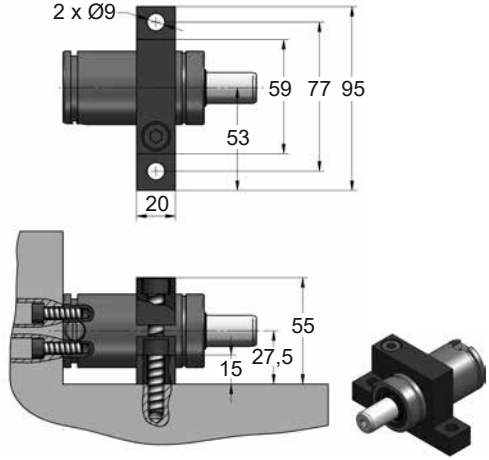

## C20-038

ISO · VDI · E24.54.815.G · EM24.54.700/F




## D02-038

E24.54.815.G

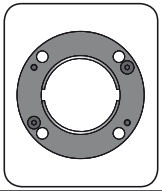


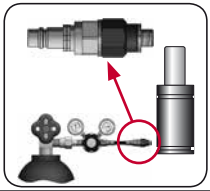










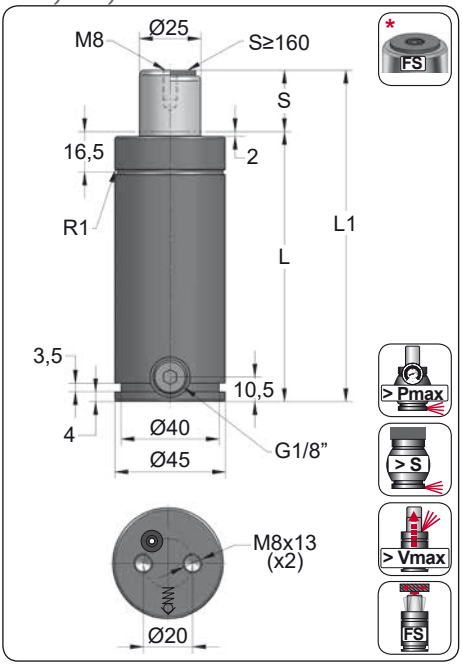


| CODE | | CD 500 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-038 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

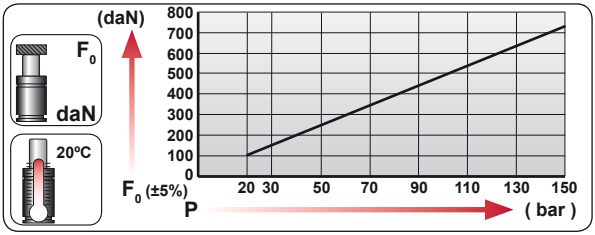
# CD 700

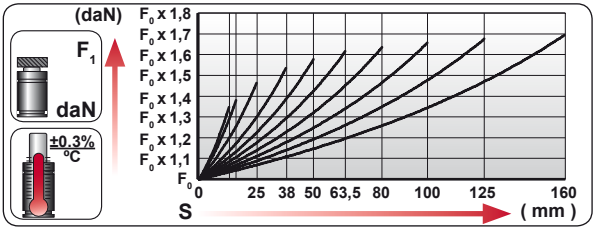
*Heavy Duty*

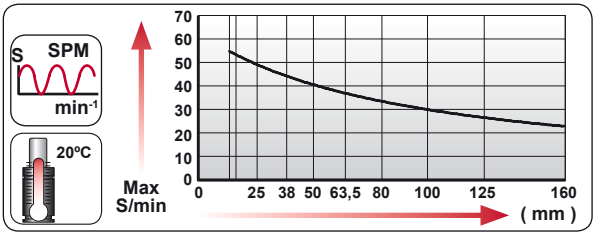
AZOL GAS




| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CD 700 012 | 12.7 | 110.4 | 97.7 | 0.90 |
| CD 700 016 | 16 | 117 | 101 | 0.92 |
| CD 700 025 | 25 | 135 | 110 | 0.98 |
| CD 700 038 | 38 | 161 | 123 | 1.06 |
| CD 700 050 | 50 | 185 | 135 | 1.13 |
| CD 700 063 | 63.5 | 212 | 148.5 | 1.22 |
| CD 700 080 | 80 | 245 | 165 | 1.32 |
| CD 700 100 | 100 | 285 | 185 | 1.44 |
| CD 700 125 | 125 | 335 | 210 | 1.60 |
| CD 700 160 * | 160 | 405 | 245 | 1.82 |



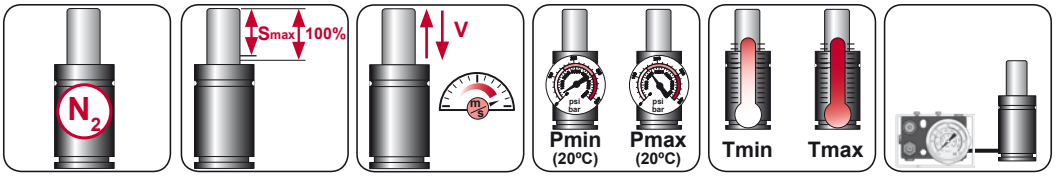

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CD 700 050 | 140 | 2030 | 690 | 1090 |
| CD-H 700 050 | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: 700 — S mm: 50

CD 700 050

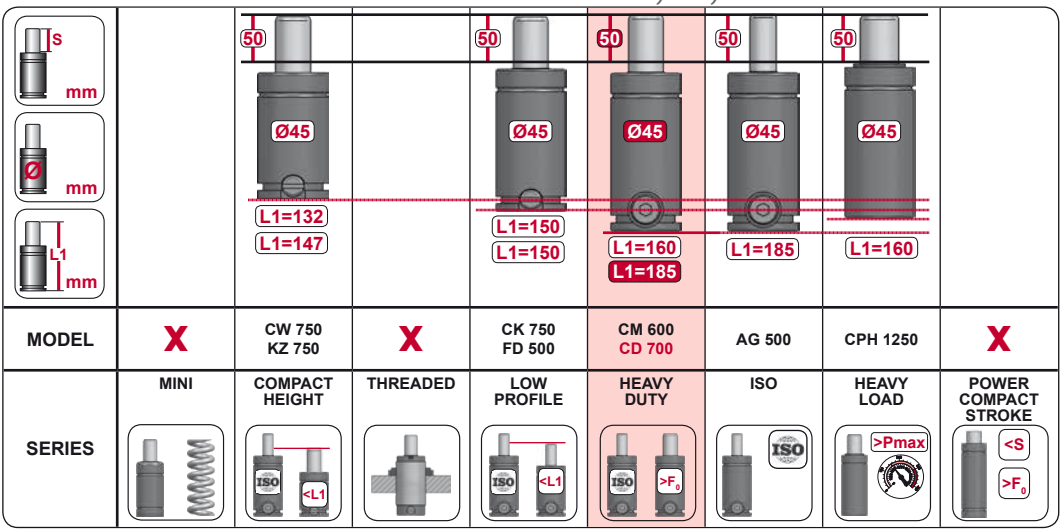



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CD 700 MOUNTS

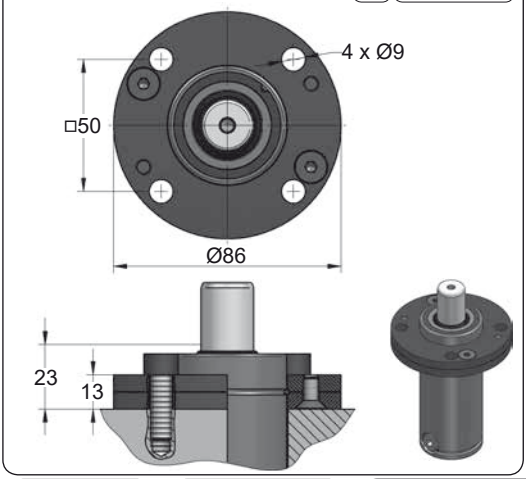
*Heavy Duty*




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **MODEL** | X | CW 750<br>KZ 750 | X | CK 750<br>FD 500 | CM 600<br>CD 700 | AG 500 | CPH 1250 | X |
| **SERIES** | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

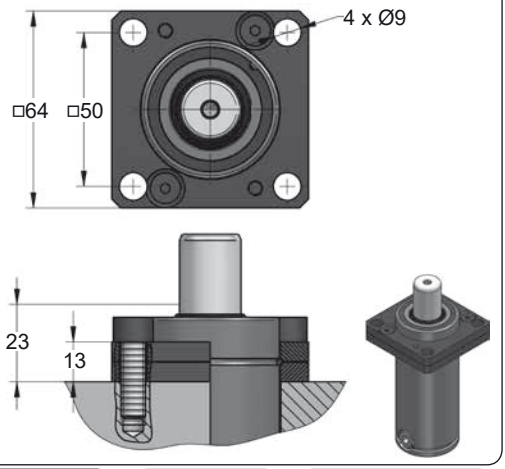
## A14-045

ISO · E24.54.815.G · EM24.54.700/F




## A34-045

ISO · VDI

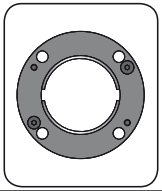


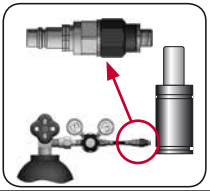












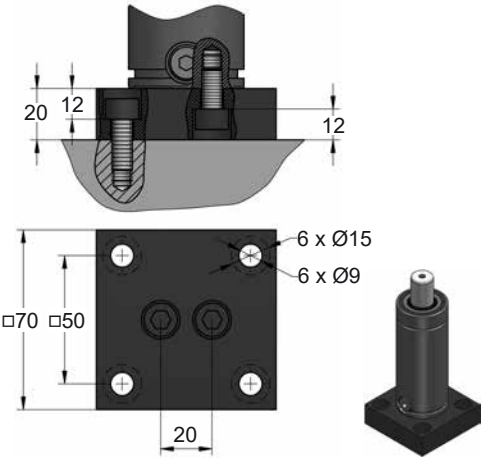
| CODE | | CD 700 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CD 700 MOUNTS

*Heavy Duty*

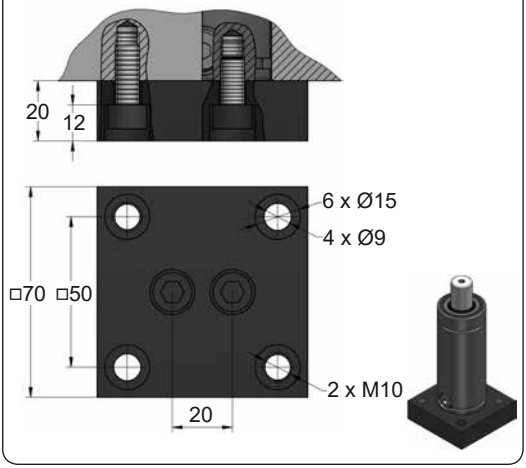
AZOL GAS

## B21-045

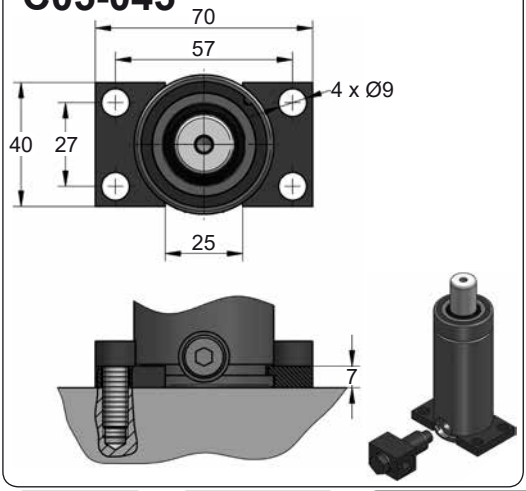



## B76-045

ISO E24.54.815.G

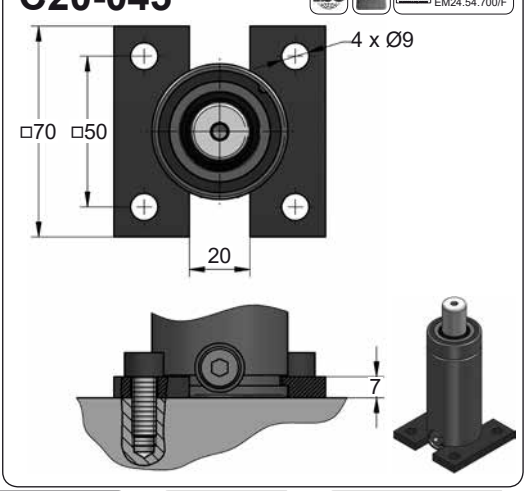



## C05-045




## C20-045

ISO VDI E24.54.815.G EM24.54.700/F

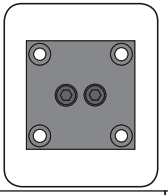


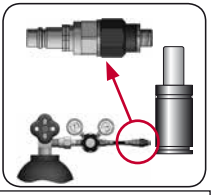












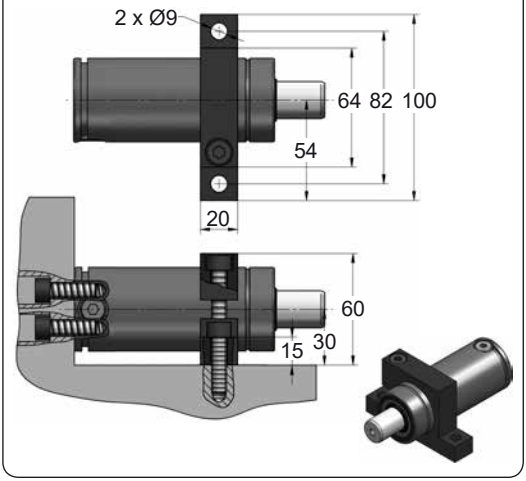
| CODE | | CD 700 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

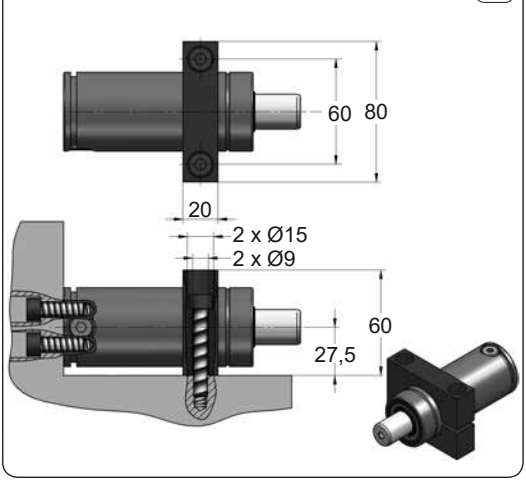
# CD 700 MOUNTS

*Heavy Duty*

## D02-045




## D67-045

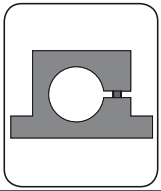


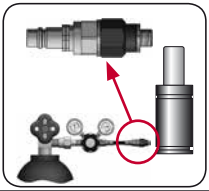












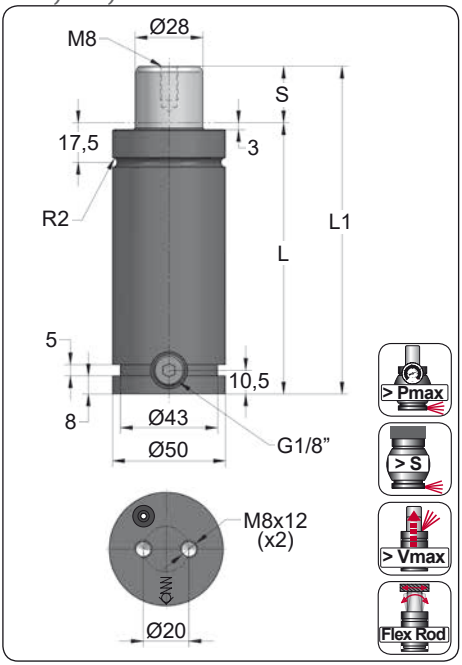
| CODE | | CD 700 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CD 1000 V1

*Heavy Duty*

| | | |
|---|---|---|
| | GM 90.25.05 | |
| VW 39D 838 | | |

AZOL GAS

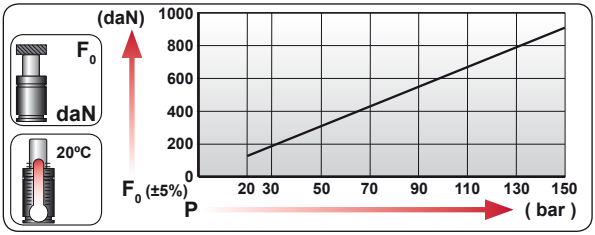


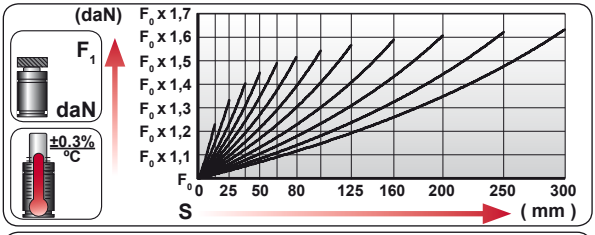

| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CD 1000 013 V1 | 13 | 121 | 108 | 1.26 |
| CD 1000 025 V1 | 25 | 145 | 120 | 1.36 |
| CD 1000 038 V1 | 38 | 171 | 133 | 1.47 |
| CD 1000 050 V1 | 50 | 195 | 145 | 1.57 |
| CD 1000 063 V1 | 63.5 | 222 | 158.5 | 1.69 |
| CD 1000 080 V1 | 80 | 255 | 175 | 1.83 |
| CD 1000 100 V1 | 100 | 295 | 195 | 1.99 |
| CD 1000 125 V1 | 125 | 345 | 220 | 2.20 |
| CD 1000 160 V1 | 160 | 415 | 255 | 2.50 |
| CD 1000 200 V1 | 200 | 495 | 295 | 2.83 |
| CD 1000 250 V1 | 250 | 595 | 345 | 3.25 |
| CD 1000 300 V1 | 300 | 695 | 395 | 3.67 |

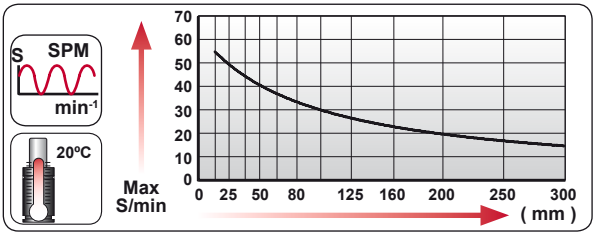
PED 2014/68/EU

ISO 11901

VDI 3003




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CD 1000 050 V1 | 150 | 2175 | 925 | 1340 |
| CD-H 1000 050 V1 | 0 | 0 | --- | --- |

VDI 3003

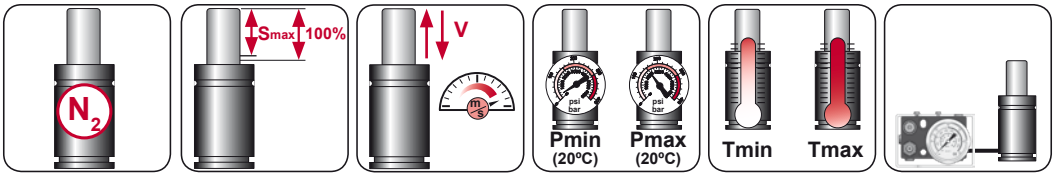
EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: 1000

S mm: 50

CD 1000 050 V1

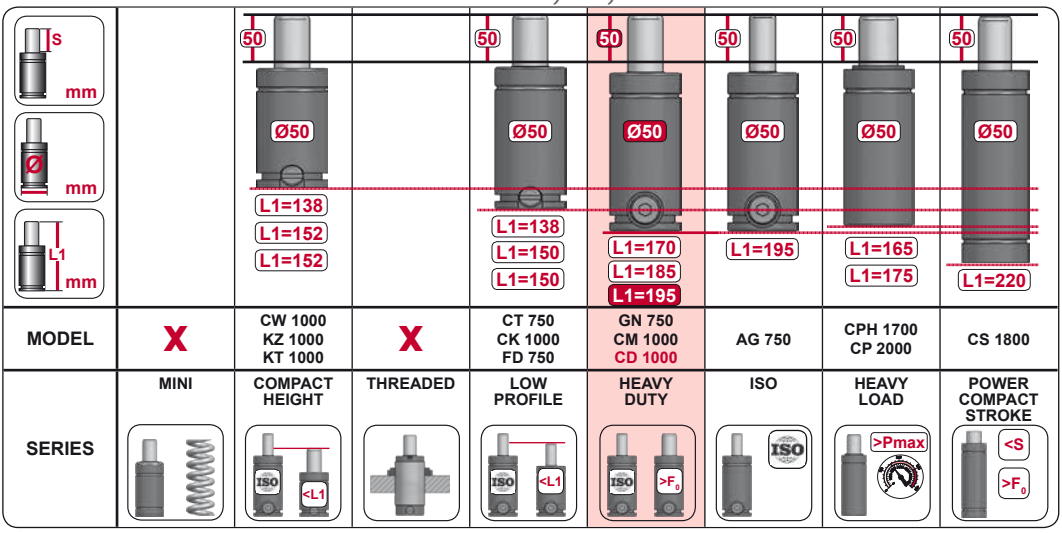



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CD 1000 V1 *MOUNTS*

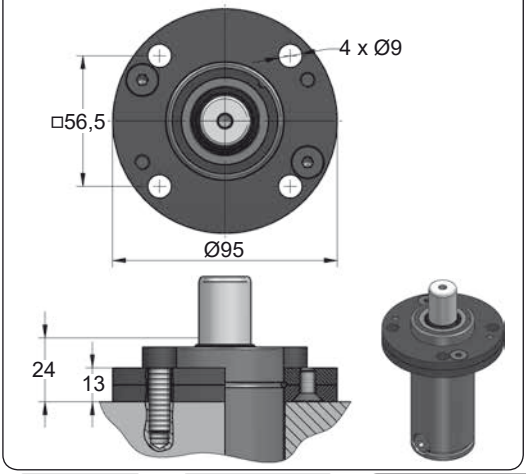
*Heavy Duty*



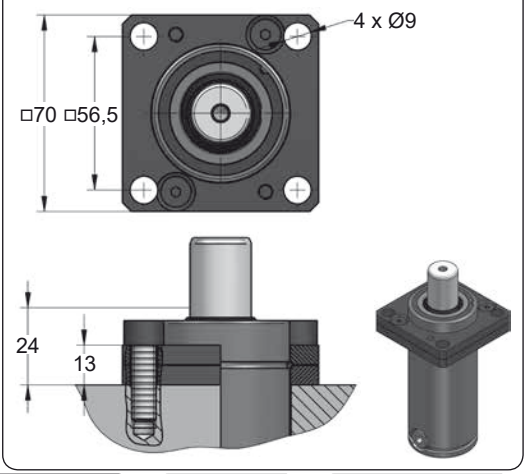

| MODEL | X | CW 1000<br>KZ 1000<br>KT 1000 | X | CT 750<br>CK 1000<br>FD 750 | GN 750<br>CM 1000<br>CD 1000 | AG 750 | CPH 1700<br>CP 2000 | CS 1800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-050

E24.54.815.G
EM24.54.700/F




## A34-050







| CODE | | CD 1000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

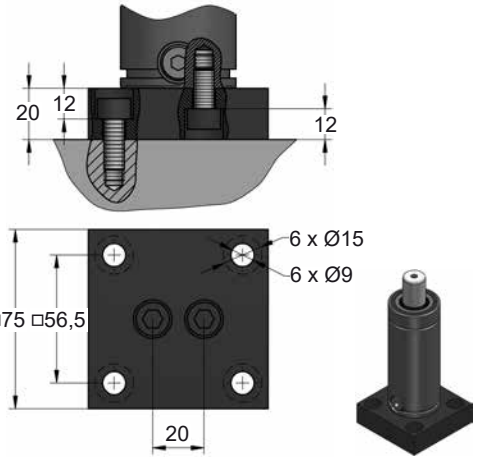
# CD 1000 V1 *MOUNTS*

*Heavy Duty*

AZOL GAS

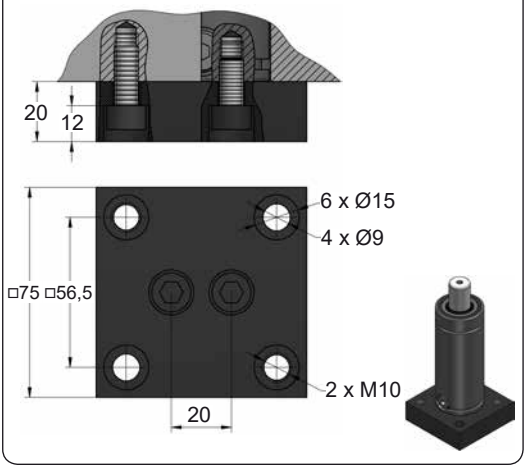
## B21-050

EM24.54.700/F

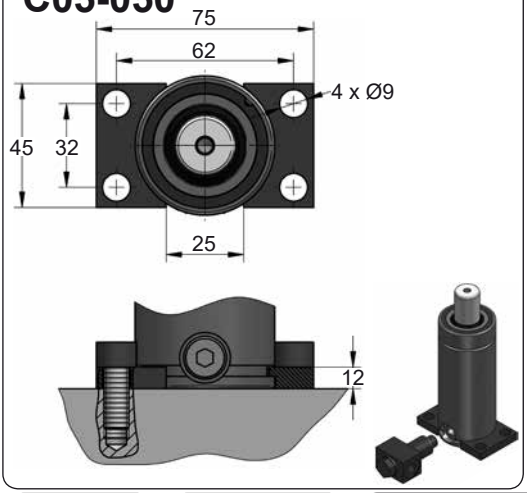



## B76-050

ISO E24.54.815.G EM24.54.700/F

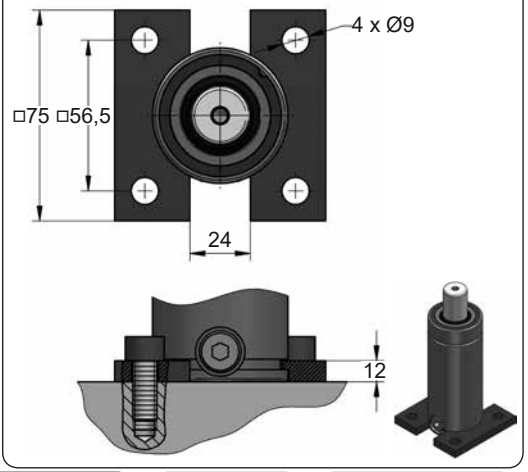



## C05-050




## C20-050

ISO VDI E24.54.815.G EM24.54.700/F

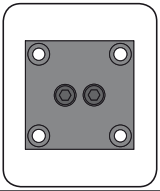


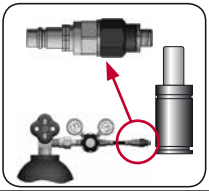












| CODE | | CD 1000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

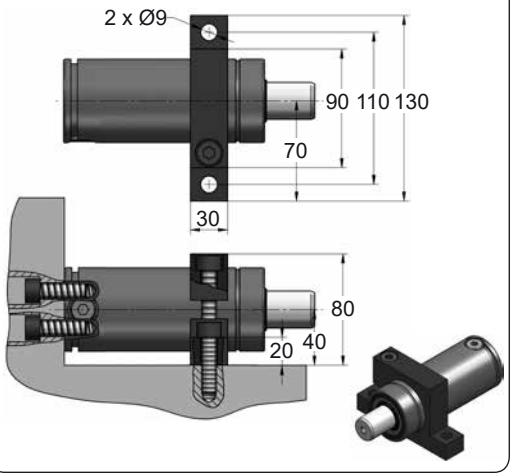
AZOL GAS

# CD 1000 V1 MOUNTS

*Heavy Duty*

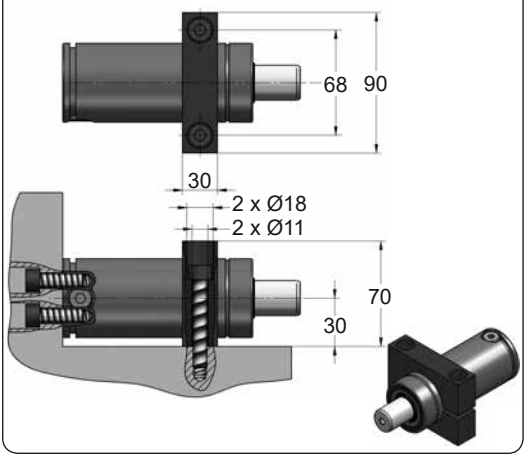
## D02-050

ISO E24.54.815.G EM24.54.700/F




## D67-050

VDI

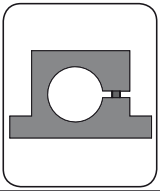


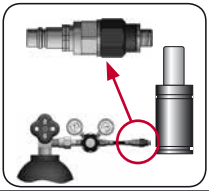










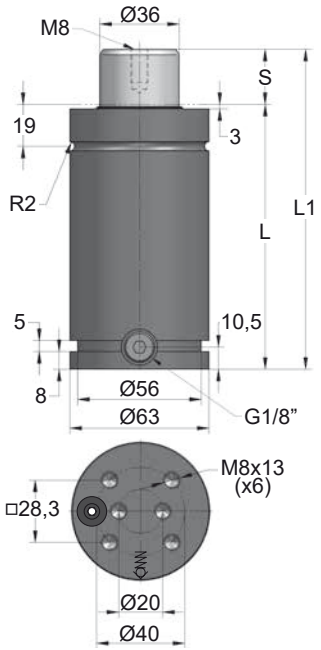


| CODE | | CD 1000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

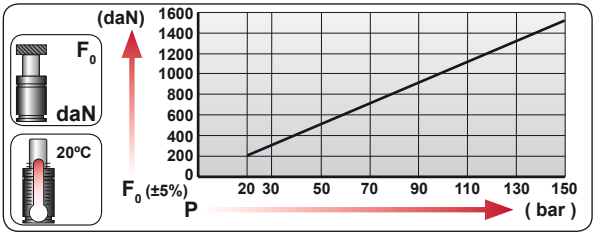
# CD 1500 V2

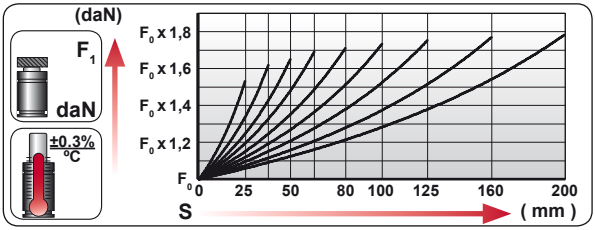
*Heavy Duty*

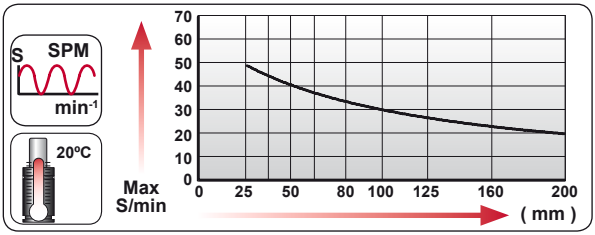
AZOL GAS




| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CD 1500 025 V2 | 25 | 145 | 120 | 2.19 |
| CD 1500 038 V2 | 38 | 171 | 133 | 2.35 |
| CD 1500 050 V2 | 50 | 195 | 145 | 2.50 |
| CD 1500 063 V2 | 63 | 221 | 158 | 2.67 |
| CD 1500 080 V2 | 80 | 255 | 175 | 2.88 |
| CD 1500 100 V2 | 100 | 295 | 195 | 3.13 |
| CD 1500 125 V2 | 125 | 345 | 220 | 3.45 |
| CD 1500 160 V2 | 160 | 415 | 255 | 3.89 |
| CD 1500 200 V2 | 200 | 495 | 295 | 4.39 |



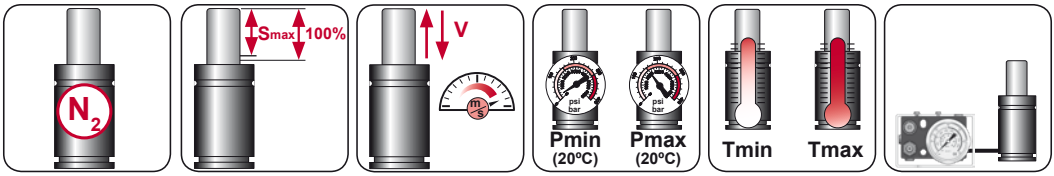

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CD 1500 050 V2 | 150 | 2175 | 1530 | 2525 |
| CD-H 1500 050 V2 | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: 1500 — S mm: 50

CD 1500 050 V2

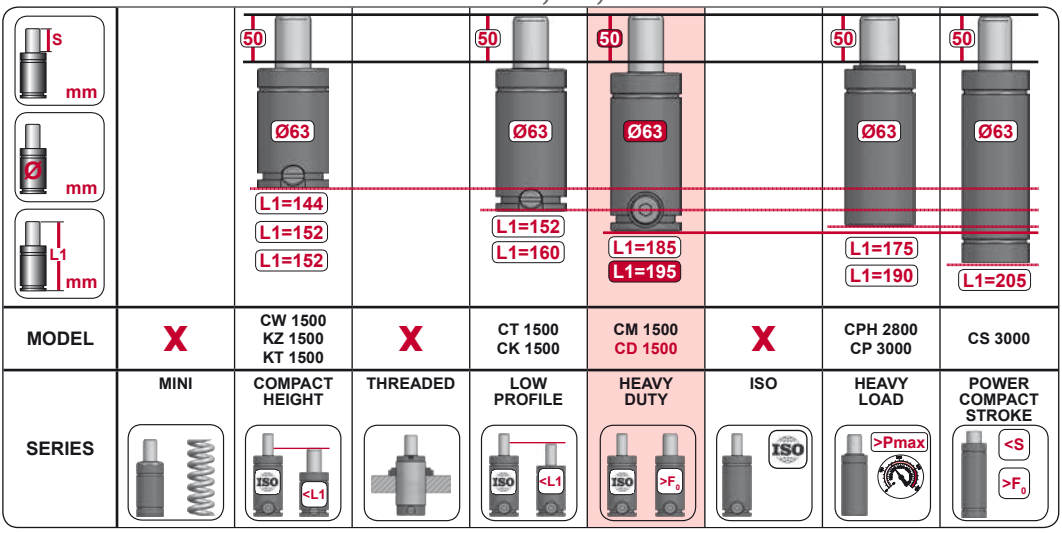



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

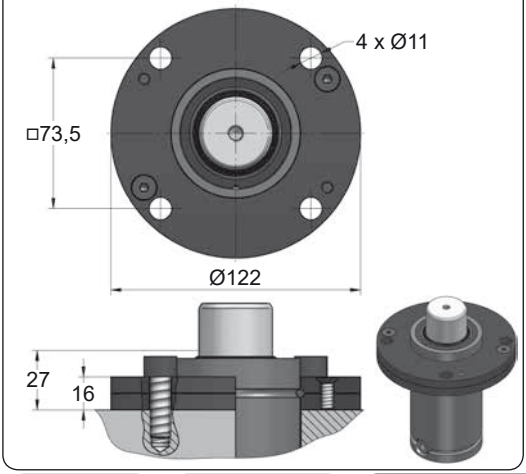
# CD 1500 V2 *MOUNTS*

*Heavy Duty*

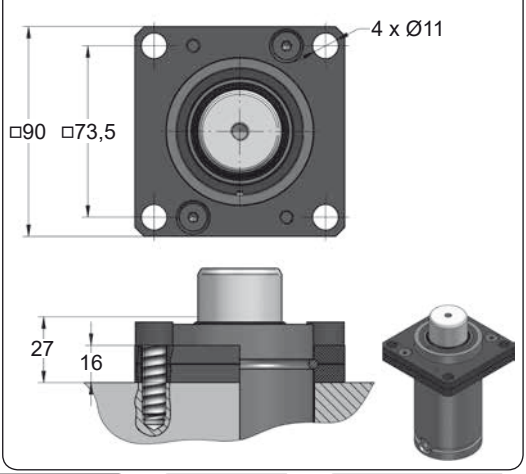



| MODEL | X | CW 1500 KZ 1500 KT 1500 | X | CT 1500 CK 1500 | CM 1500 CD 1500 | X | CPH 2800 CP 3000 | CS 3000 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-063




## A39-063

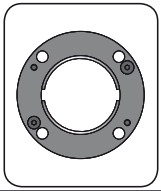


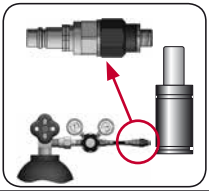












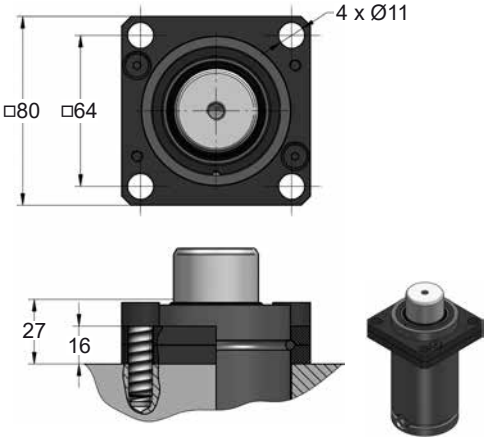
| CODE | | CD 1500 050 V2 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CD 1500 V2 *MOUNTS*

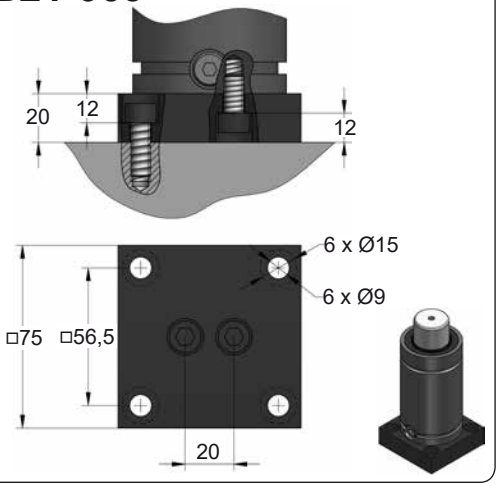
*Heavy Duty*

AZOL GAS

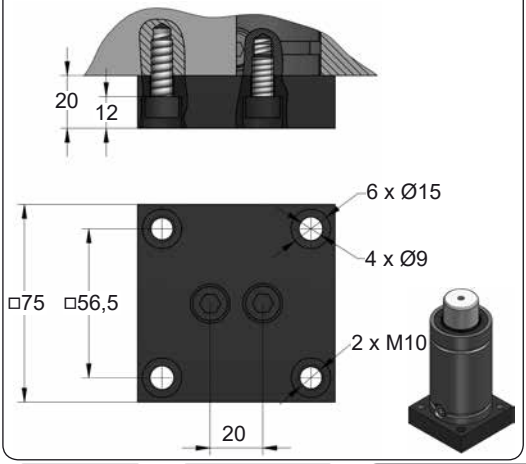
## A69-063



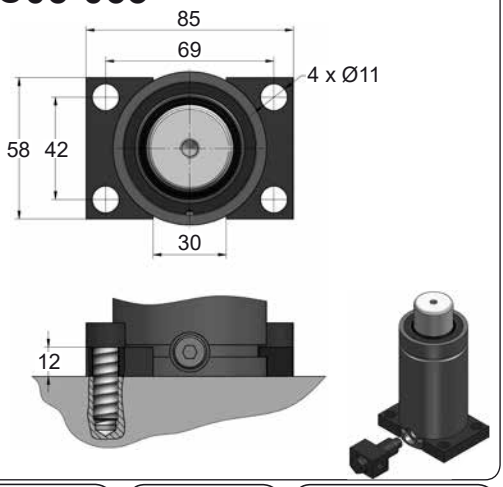

## B21-063




## B76-063




## C05-063

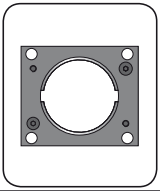


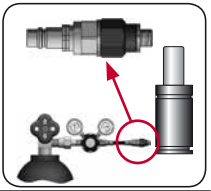












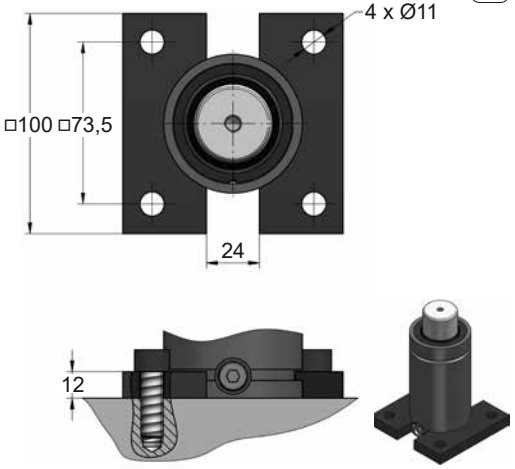
| CODE | | CD 1500 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A69-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

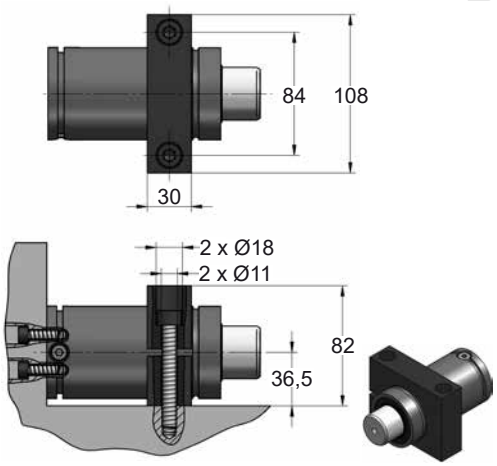
# CD 1500 V2 MOUNTS

*Heavy Duty*

## C35-063




## D67-063

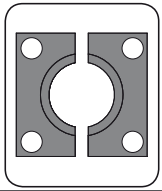


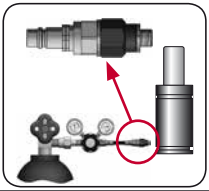












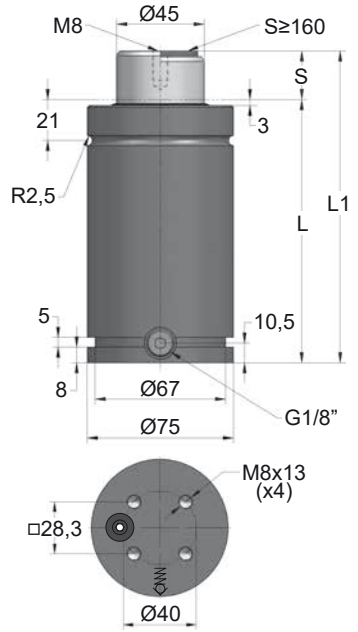
| CODE | | CD 1500 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C35-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CD 2400

*Heavy Duty*

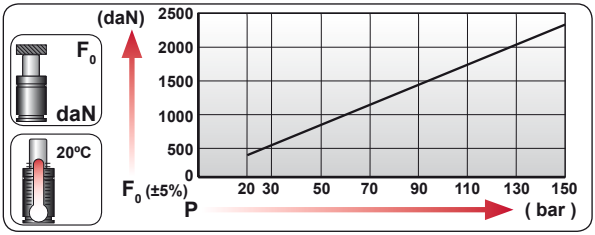
| | | |
|---|---|---|
| | GM 90.25.05 | |
| VW 39D 838 | | |

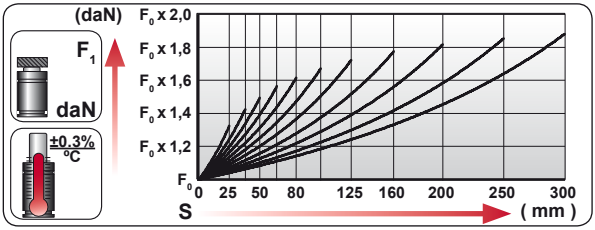
AZOL GAS

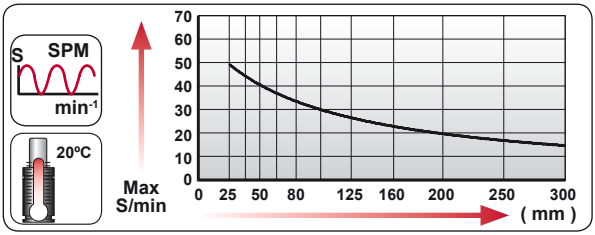



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CD 2400 025 | 25 | 160 | 135 | 3.30 |
| CD 2400 038 | 38 | 186 | 148 | 3.53 |
| CD 2400 050 | 50 | 210 | 160 | 3.73 |
| CD 2400 063 | 63.5 | 237 | 173.5 | 3.96 |
| CD 2400 080 | 80 | 270 | 190 | 4.25 |
| CD 2400 100 | 100 | 310 | 210 | 4.59 |
| CD 2400 125 | 125 | 360 | 235 | 5.02 |
| CD 2400 160 * | 160 | 430 | 270 | 5.62 |
| CD 2400 200 * | 200 | 510 | 310 | 6.30 |
| CD 2400 250 * | 250 | 610 | 360 | 7.16 |
| CD 2400 300 * | 300 | 710 | 410 | 8.02 |

PED 97/23/EC · ISO 11901 · VDI 3003



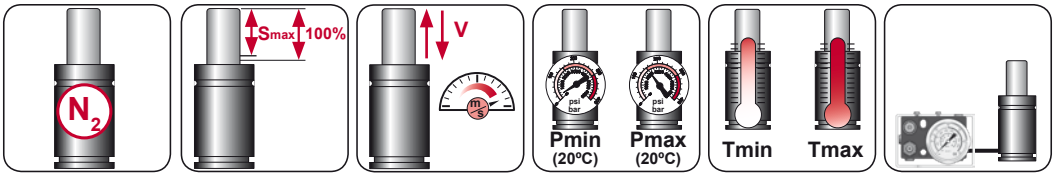

| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| CD 2400 050 | 150 | 2175 | 2385 | 3565 |
| CD-H 2400 050 | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN: 2400 — S mm: 50

**CD 2400 050**

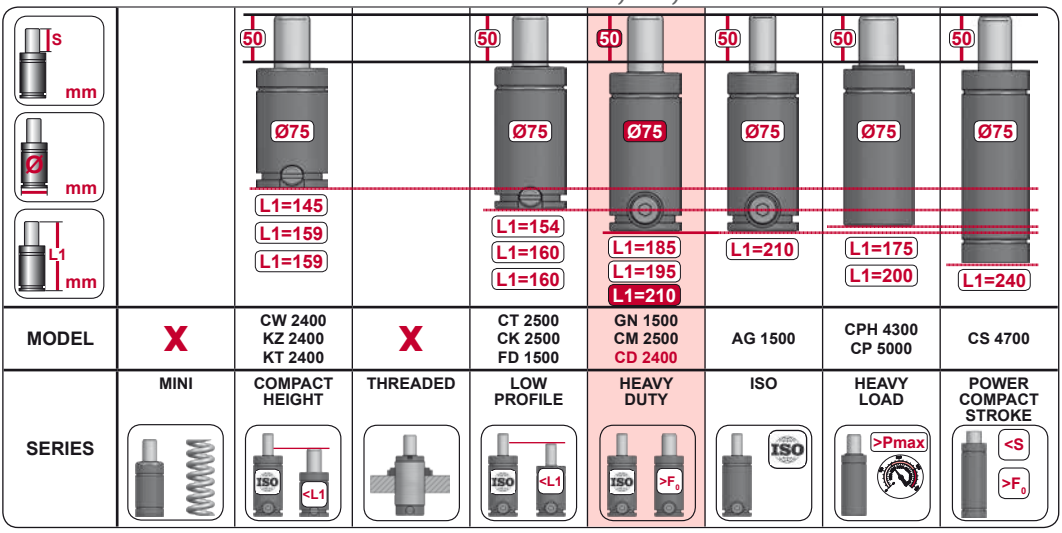



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CD 2400 MOUNTS

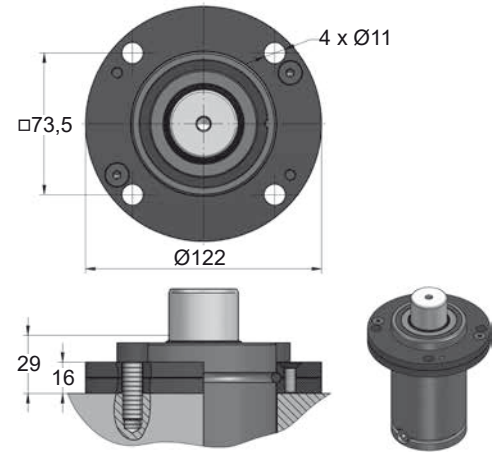
*Heavy Duty*




| MODEL | X | CW 2400<br>KZ 2400<br>KT 2400 | X | CT 2500<br>CK 2500<br>FD 1500 | GN 1500<br>CM 2500<br>CD 2400 | AG 1500 | CPH 4300<br>CP 5000 | CS 4700 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

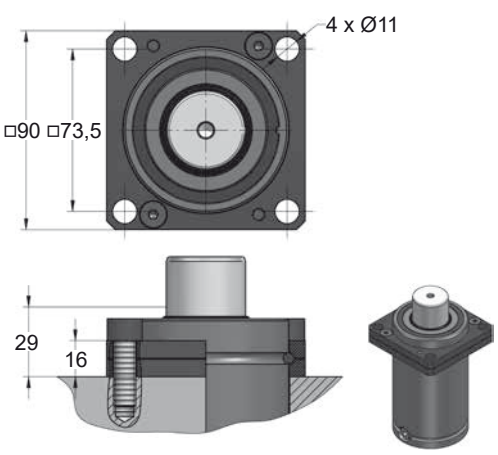
## A14-075

ISO E24.54.815.G EM24.54.700/F




## A34-075

ISO VDI

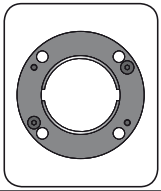


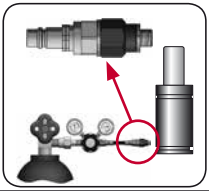












| CODE | | CD 2400 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

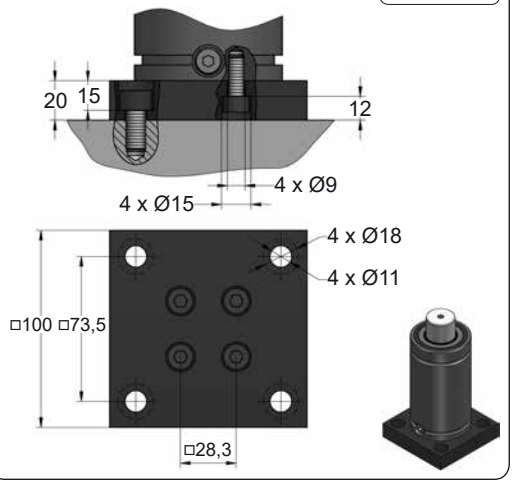
# CD 2400 MOUNTS

*Heavy Duty*

AZOL GAS

## B21-075

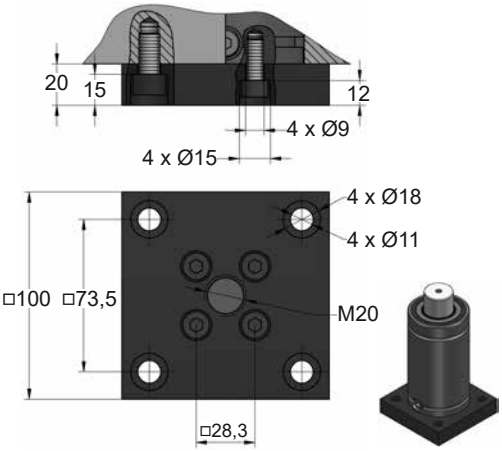
EM24.54.700/F



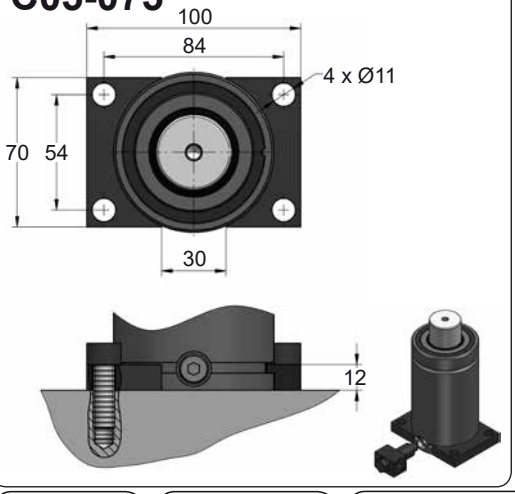

## B76-075

ISO

E24.54.815.G
EM24.54.700/F



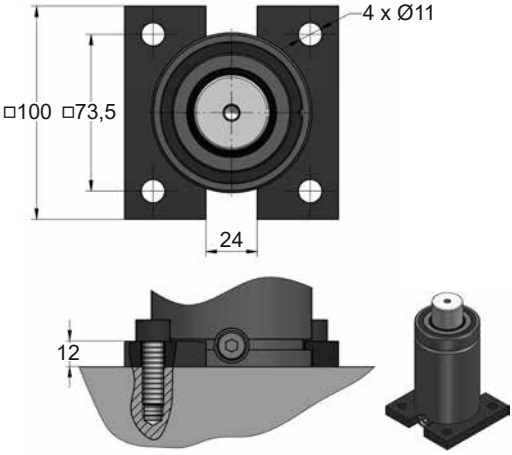

## C05-075




## C20-075

ISO VDI

E24.54.815.G
EM24.54.700/F

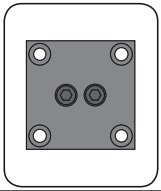


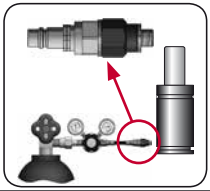












| CODE | | CD 2400 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

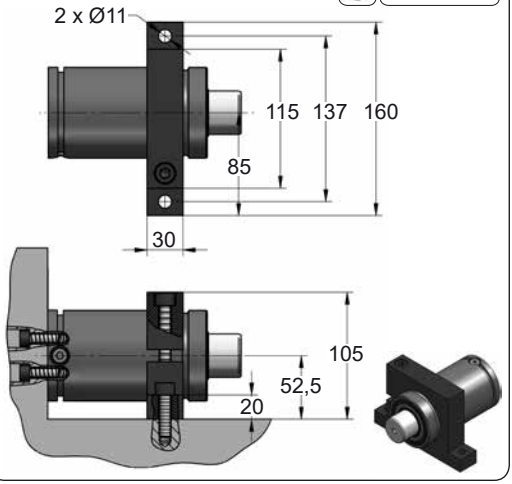
AZOL GAS

# CD 2400 MOUNTS

*Heavy Duty*

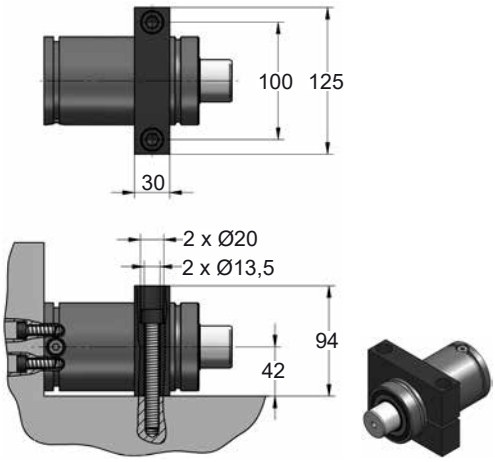
## D02-075

ISO E24.54.815.G EM24.54.700/F




## D67-075

VDI

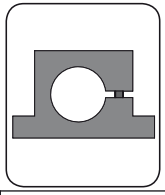


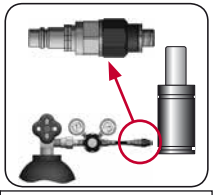












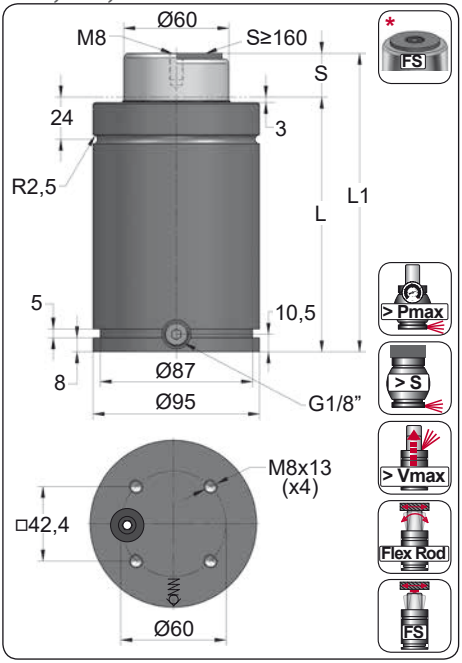
| CODE | | CD 2400 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CD 4200

*Heavy Duty*

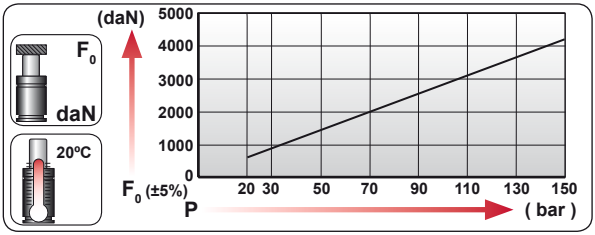
| | | |
|---|---|---|
| | GM 90.25.05 | |
| VW 39D 838 | | |

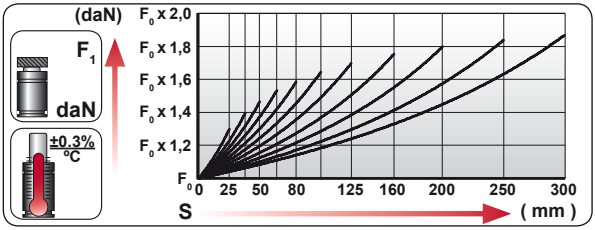
AZOL GAS

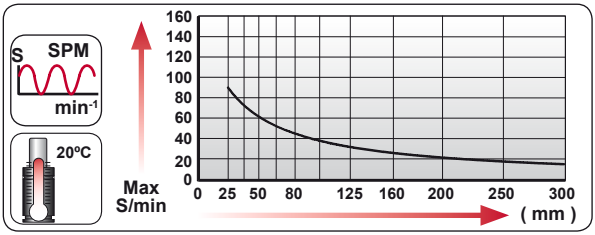



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CD 4200 025 | 25 | 170 | 145 | 5.54 |
| CD 4200 038 | 38 | 196 | 158 | 5.91 |
| CD 4200 050 | 50 | 220 | 170 | 6.25 |
| CD 4200 063 | 63.5 | 247 | 183.5 | 6.63 |
| CD 4200 080 | 80 | 280 | 200 | 7.10 |
| CD 4200 100 | 100 | 320 | 220 | 7.67 |
| CD 4200 125 | 125 | 370 | 245 | 8.39 |
| CD 4200 160 * | 160 | 440 | 280 | 9.38 |
| CD 4200 200 * | 200 | 520 | 320 | 10.53 |
| CD 4200 250 * | 250 | 620 | 370 | 11.95 |
| CD 4200 300 * | 300 | 720 | 420 | 13.38 |

PED · ISO 11901 · VDI 3003



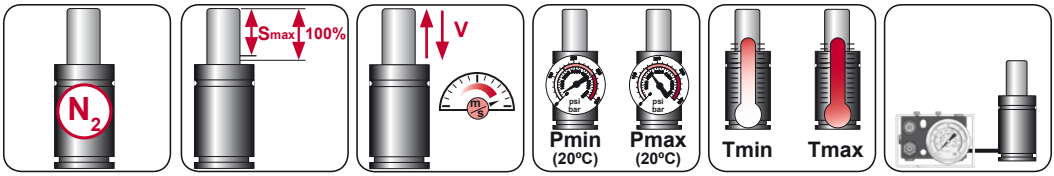

| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| CD 4200 050 | 150 | 2175 | 4240 | 6210 |
| CD-H 4200 050 | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN: 4200 — S mm: 50

CD 4200 050

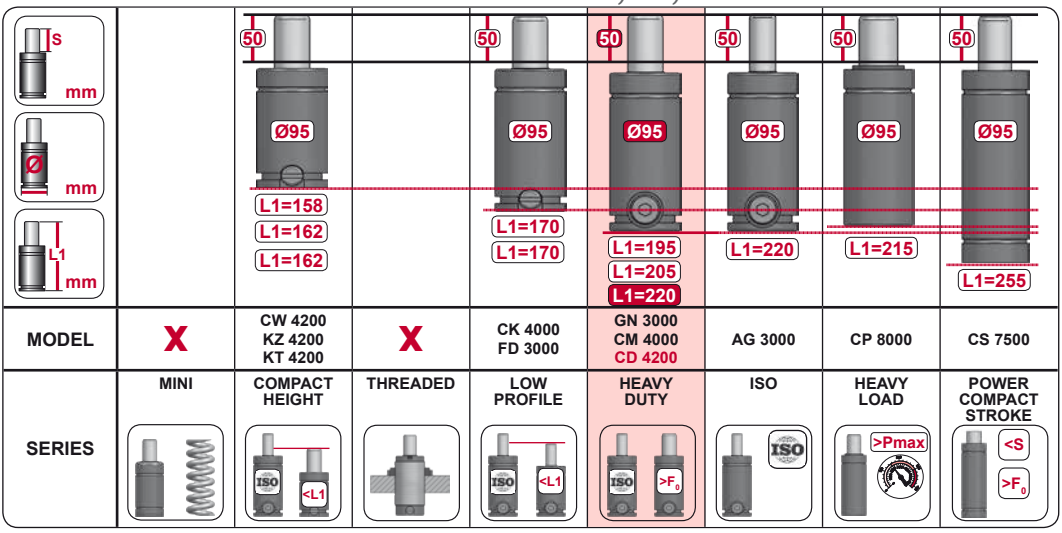



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CD 4200 MOUNTS

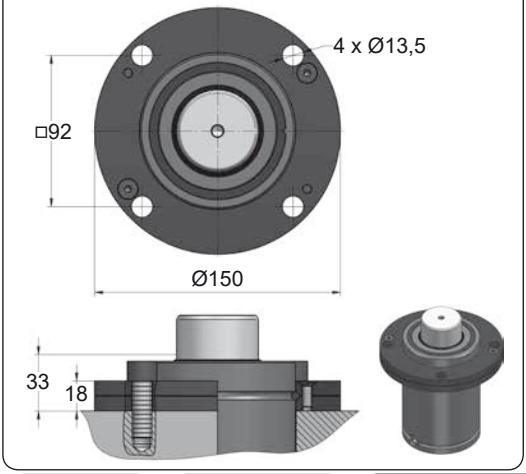
*Heavy Duty*




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **MODEL** | X | CW 4200<br>KZ 4200<br>KT 4200 | X | CK 4000<br>FD 3000 | GN 3000<br>CM 4000<br>CD 4200 | AG 3000 | CP 8000 | CS 7500 |
| **SERIES** | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

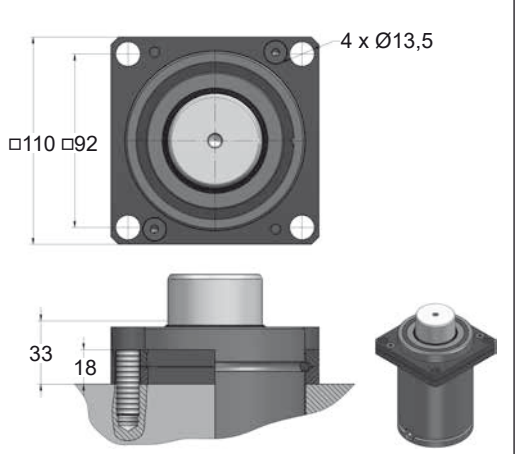
## A14-095

ISO · E24.54.815.G · EM24.54.700/F




## A34-095

ISO · VDI

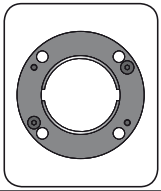


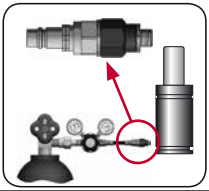












| CODE | | CD 4200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

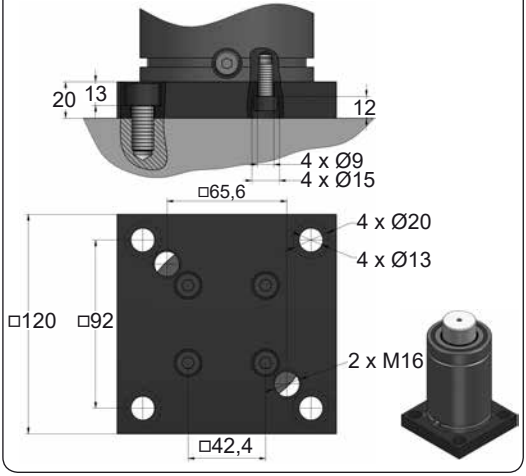
# CD 4200 MOUNTS

*Heavy Duty*

AZOL GAS

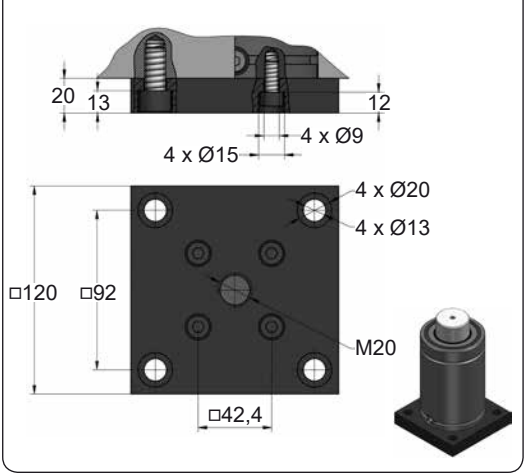
## B21-095

EM24.54.700/F

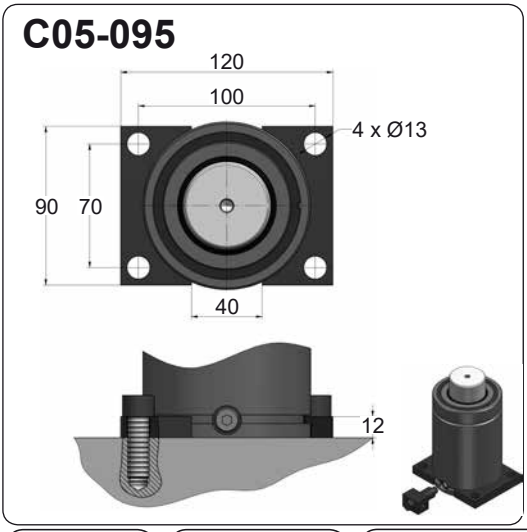



## B76-095

ISO VDI EM24.54.700/F

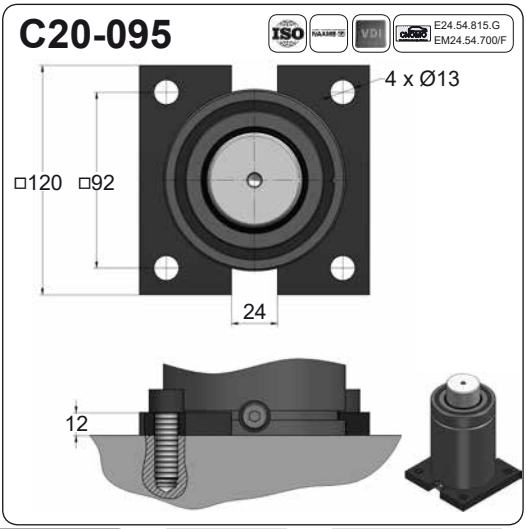



## C05-095




## C20-095

ISO VDI E24.54.815.G EM24.54.700/F

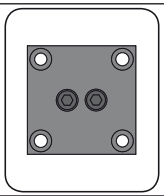


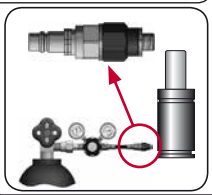












| CODE | | CD 4200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

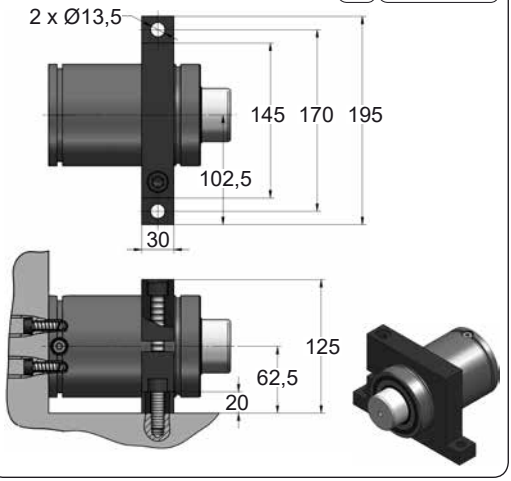
AZOL GAS

# CD 4200 MOUNTS

*Heavy Duty*

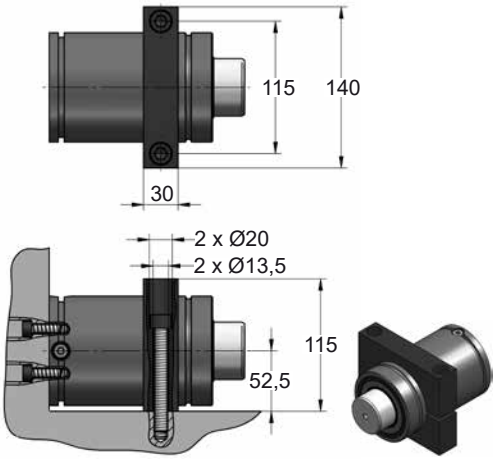
## D02-095

ISO E24.54.815.G EM24.54.700/F




## D67-095

VDI

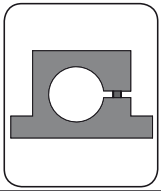


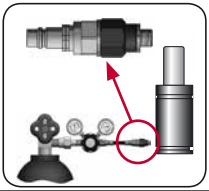












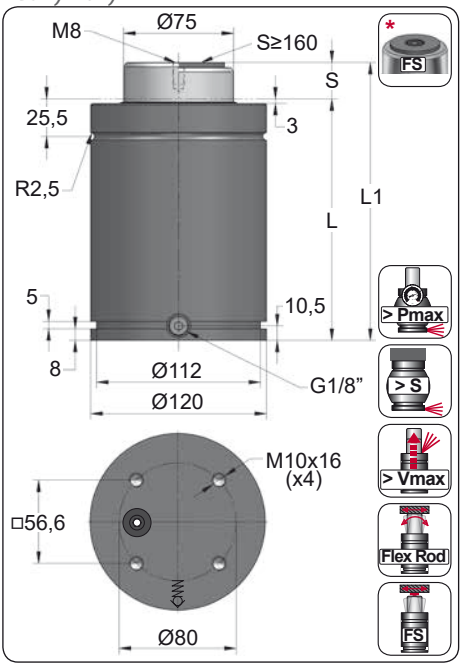
| CODE | | CD 4200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CD 6600

*Heavy Duty*

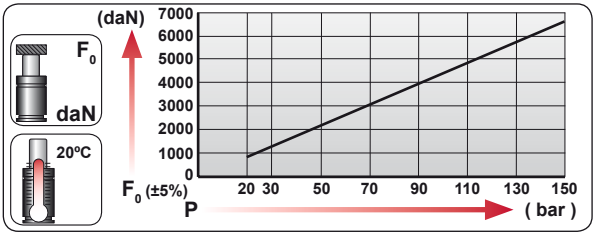
| | | |
|---|---|---|
| | GM 90.25.05 | |
| VW 39D 838 | | |

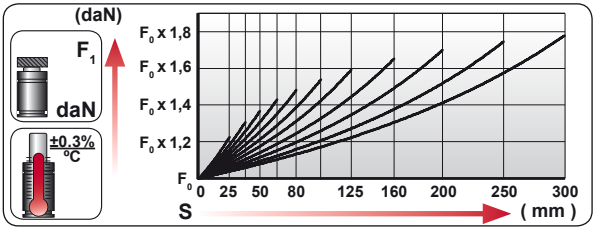
AZOL GAS

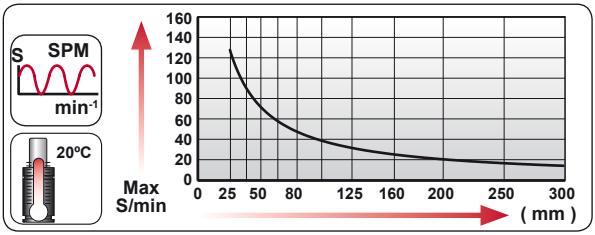



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CD 6600 025 | 25 | 190 | 165 | 10.29 |
| CD 6600 038 | 38 | 216 | 178 | 10.89 |
| CD 6600 050 | 50 | 240 | 190 | 11.44 |
| CD 6600 063 | 63.5 | 267 | 203.5 | 12.07 |
| CD 6600 080 | 80 | 300 | 220 | 12.84 |
| CD 6600 100 | 100 | 340 | 240 | 13.76 |
| CD 6600 125 | 125 | 390 | 265 | 14.92 |
| CD 6600 160 * | 160 | 460 | 300 | 16.55 |
| CD 6600 200 * | 200 | 540 | 340 | 18.40 |
| CD 6600 250 * | 250 | 640 | 390 | 20.72 |
| CD 6600 300 * | 300 | 740 | 440 | 23.04 |

PED 97/23/EC · ISO 11901 · VDI 3003



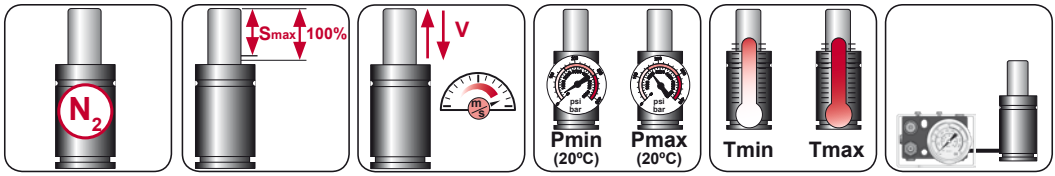




| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| CD 6600 050 | 150 | 2175 | 6630 | 9060 |
| CD-H 6600 050 | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

CD 6600 050 — F0 daN: 6600 — S mm: 50

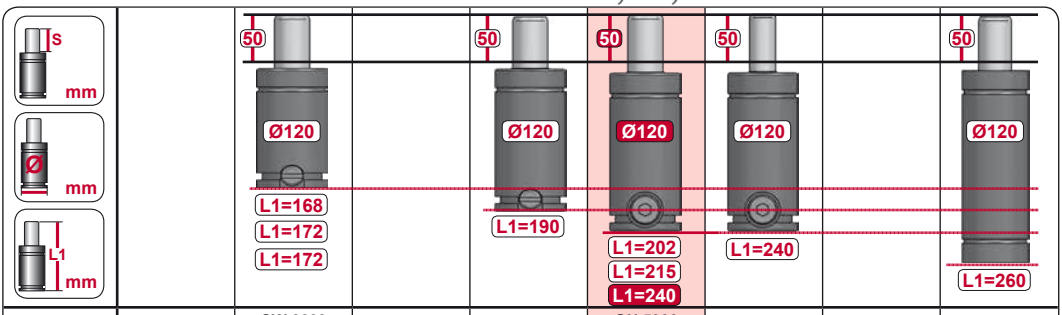



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CD 6600 MOUNTS

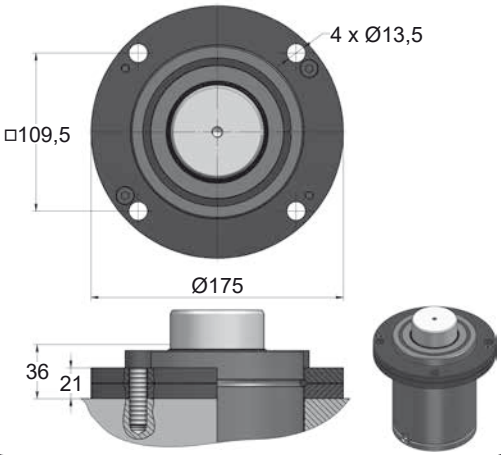
*Heavy Duty*




| MODEL | X | CW 6600 KZ 6600 KZ 6600 | X | FD 5000 | GN 5000 CM 6500 CD 6600 | AG 5000 | X | CS 11800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

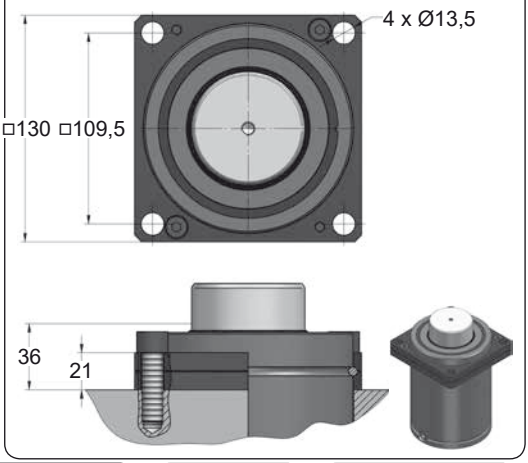
## A14-120

ISO E24.54.815.G EM24.54.700/F




## A34-120

ISO VDI

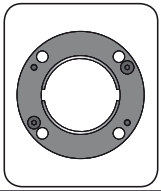


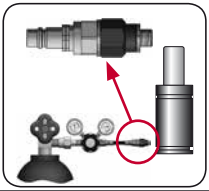












| CODE | | CD 6600 050 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

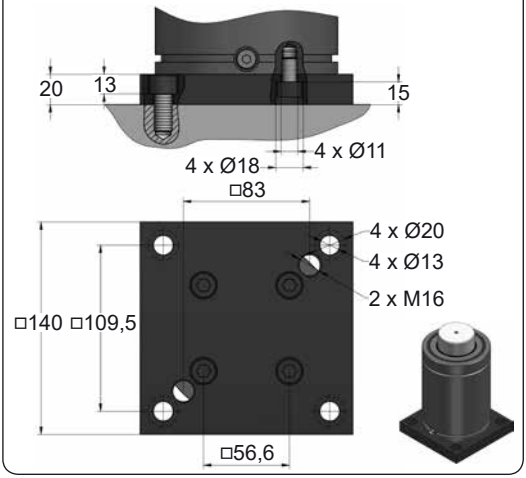
# CD 6600 MOUNTS

*Heavy Duty*

AZOL GAS

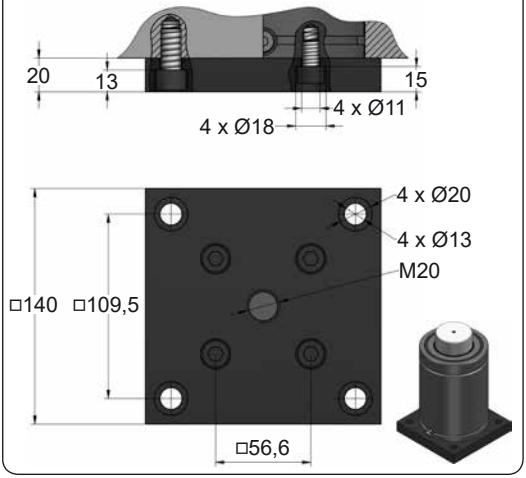
## B21-120

EM24.54.700/F

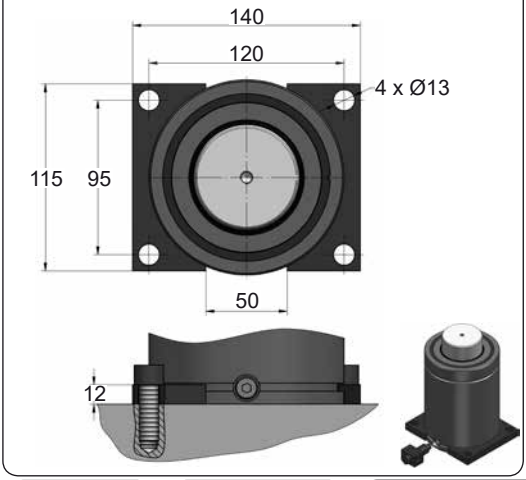



## B76-120

ISO EM24.54.700/F

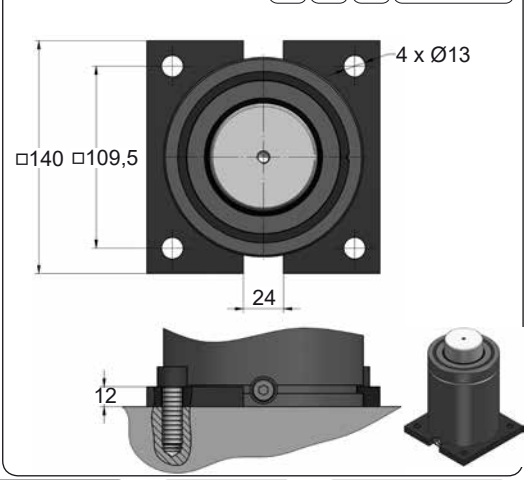



## C05-120

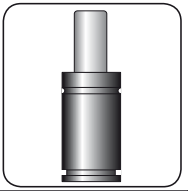



## C20-120

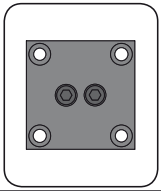
ISO VDI E24.54.815.G EM24.54.700/F

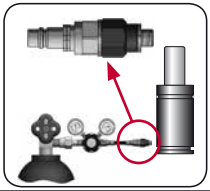








| CODE | | CD 6600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

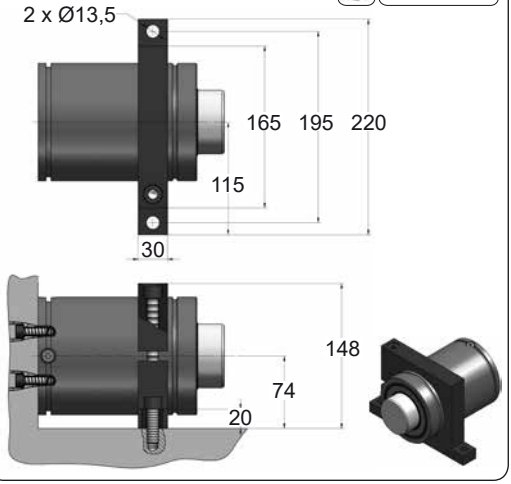
AZOL GAS

# CD 6600 MOUNTS

*Heavy Duty*

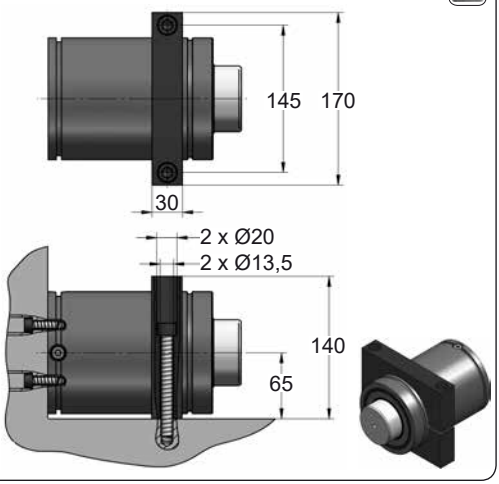
## D02-120

ISO E24.54.815.G EM24.54.700/F




## D67-120

VDI

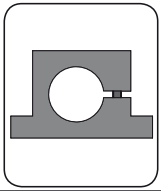


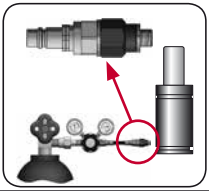












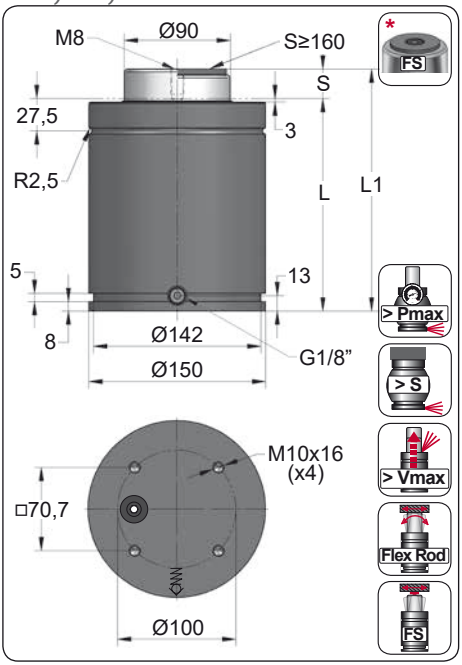
| CODE | | CD 6600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CD 9600

*Heavy Duty*

| | | |
|---|---|---|
| | GM 90.25.05 | |
| VW 39D 838 | | |

AZOL GAS

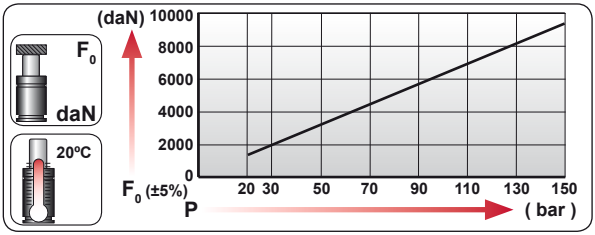



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CD 9600 025 | 25 | 205 | 180 | 17.79 |
| CD 9600 038 | 38 | 231 | 193 | 18.65 |
| CD 9600 050 | 50 | 255 | 205 | 19.44 |
| CD 9600 063 | 63.5 | 282 | 218.5 | 20.34 |
| CD 9600 080 | 80 | 315 | 235 | 21.43 |
| CD 9600 100 | 100 | 355 | 255 | 22.76 |
| CD 9600 125 | 125 | 405 | 280 | 24.41 |
| CD 9600 160 * | 160 | 475 | 315 | 26.73 |
| CD 9600 200 * | 200 | 555 | 355 | 29.38 |
| CD 9600 250 * | 250 | 655 | 405 | 32.70 |
| CD 9600 300 * | 300 | 755 | 455 | 36.01 |

PED 2014/68/EU

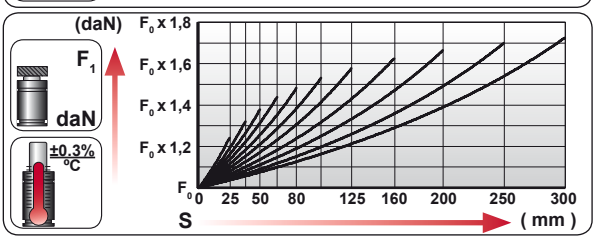
ISO 11901

VDI 3003




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CD 9600 050 | 150 | 2175 | 9540 | 13150 |
| CD-H 9600 050 | 0 | 0 | --- | --- |

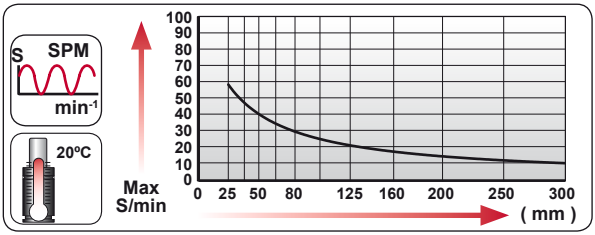
VDI 3003 — EQUIPPED WITH VDI - SAFETY

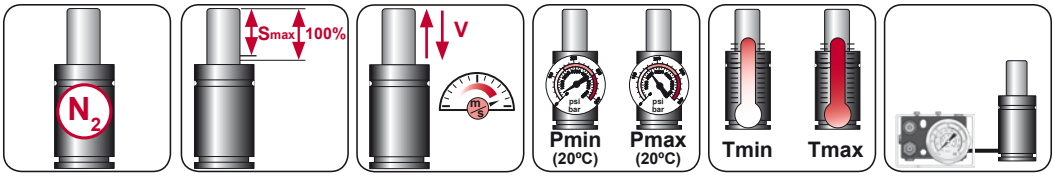



| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: **9600** — S mm: **50**

**CD 9600 050**



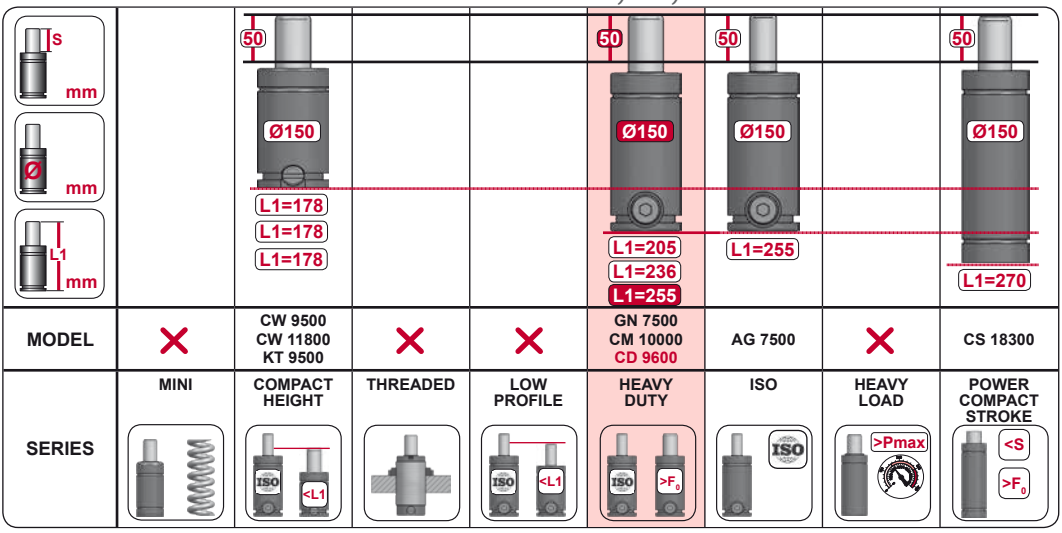




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CD 9600 MOUNTS

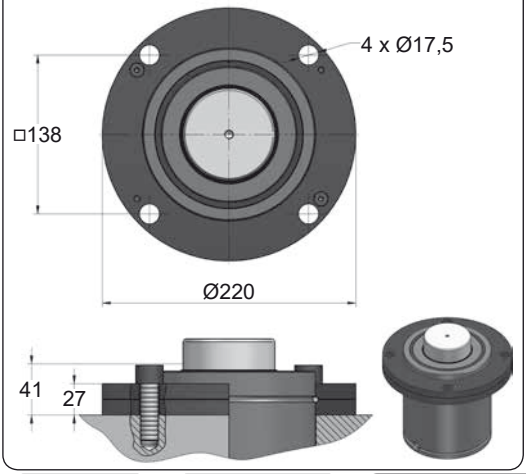
*Heavy Duty*



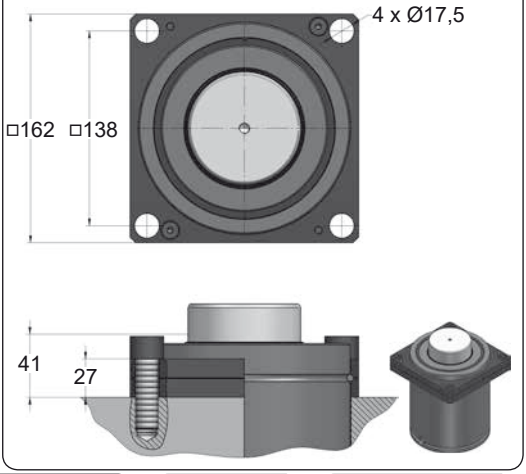

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **MODEL** | ✕ | CW 9500<br>CW 11800<br>KT 9500 | ✕ | ✕ | GN 7500<br>CM 10000<br>CD 9600 | AG 7500 | ✕ | CS 18300 |
| **SERIES** | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-150

E24.54.815.G
EM24.54.700/F




## A34-150

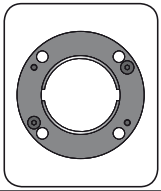


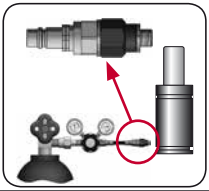












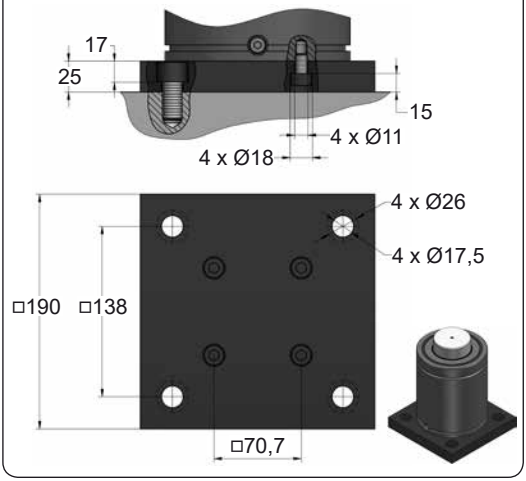
| CODE | | CD 9600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CD 9600 MOUNTS

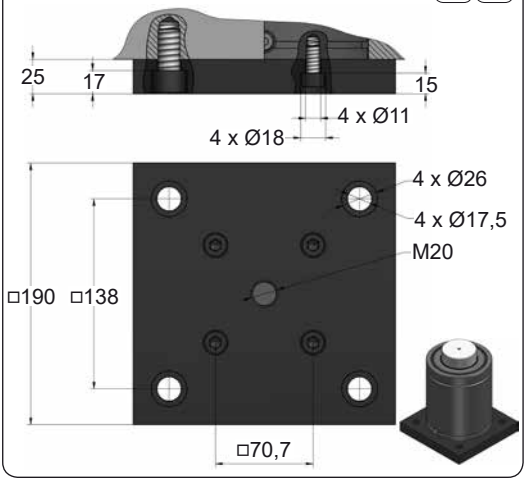
*Heavy Duty*

AZOL GAS

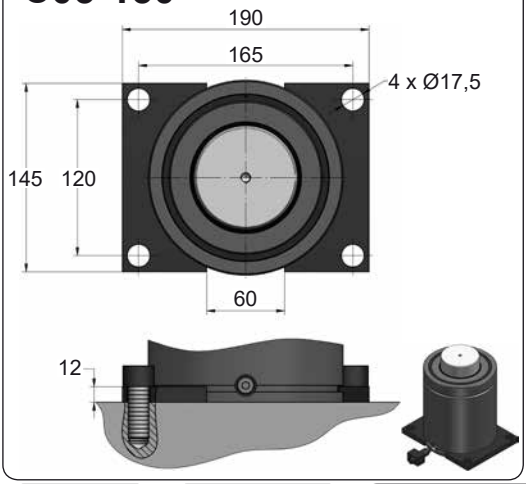
## B21-150




## B76-150

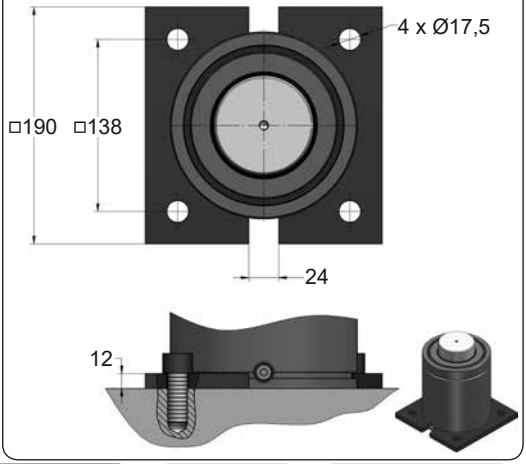



## C05-150




## C20-150

E24.54.815.G
EM24.54.700/F







| CODE | | CD 9600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

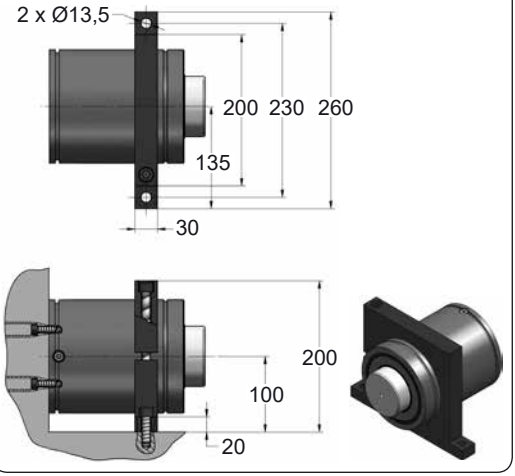
AZOL GAS

# CD 9600 MOUNTS

*Heavy Duty*

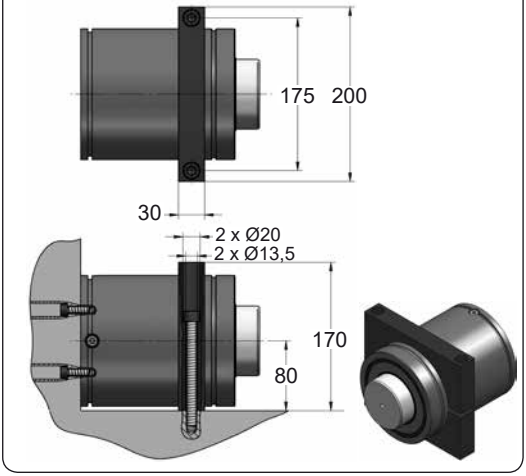
## D02-150

ISO E24.54.815.G




## D67-150

VDI

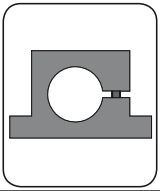


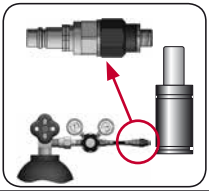












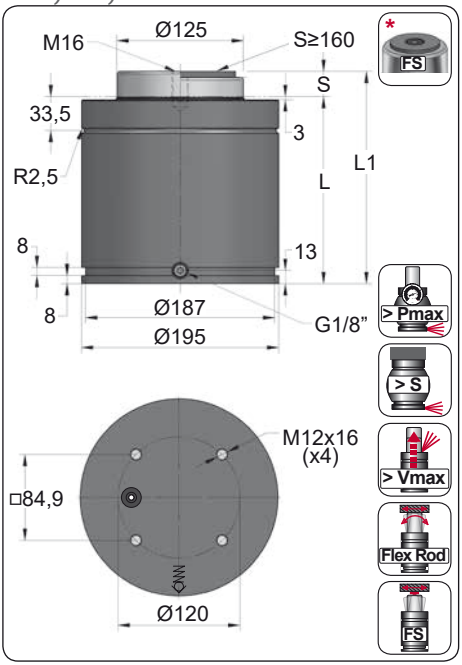
| CODE | | CD 9600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CD 18500

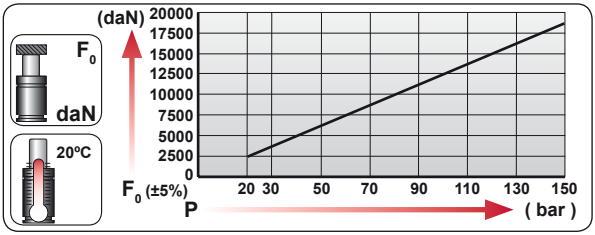
*Heavy Duty*

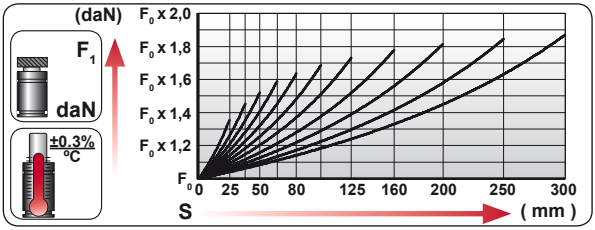
| | | |
|---|---|---|
| | GM 90.25.05 | |

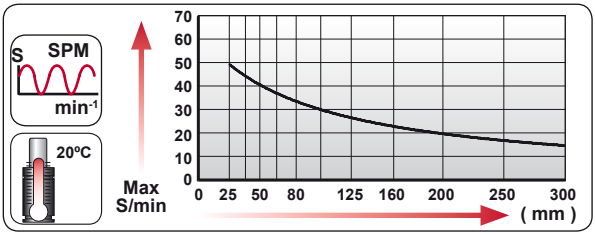
AZOL GAS




| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CD 18500 025 | 25 | 210 | 185 | 34.22 |
| CD 18500 038 | 38 | 236 | 198 | 36.02 |
| CD 18500 050 | 50 | 260 | 210 | 37.68 |
| CD 18500 063 | 63.5 | 287 | 223.5 | 39.54 |
| CD 18500 080 | 80 | 320 | 240 | 41.83 |
| CD 18500 100 | 100 | 360 | 260 | 44.59 |
| CD 18500 125 | 125 | 410 | 285 | 48.05 |
| CD 18500 160 * | 160 | 480 | 320 | 52.89 |
| CD 18500 200 * | 200 | 560 | 360 | 58.42 |
| CD 18500 250 * | 250 | 660 | 410 | 65.33 |
| CD 18500 300 * | 300 | 760 | 460 | 72.24 |



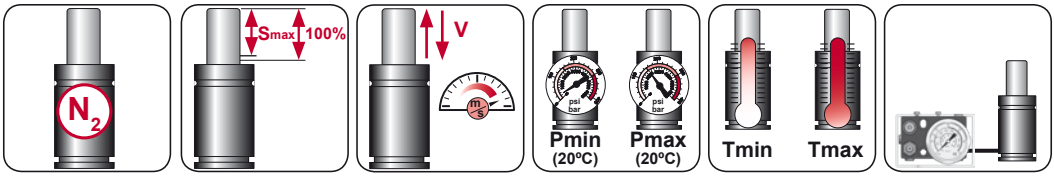

| CODE | | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|---|
| CD 18500 050 | | 150 | 2175 | 18410 | 28015 |
| CD-H 18500 050 | | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN: 18500 — S mm: 50

CD 18500 050

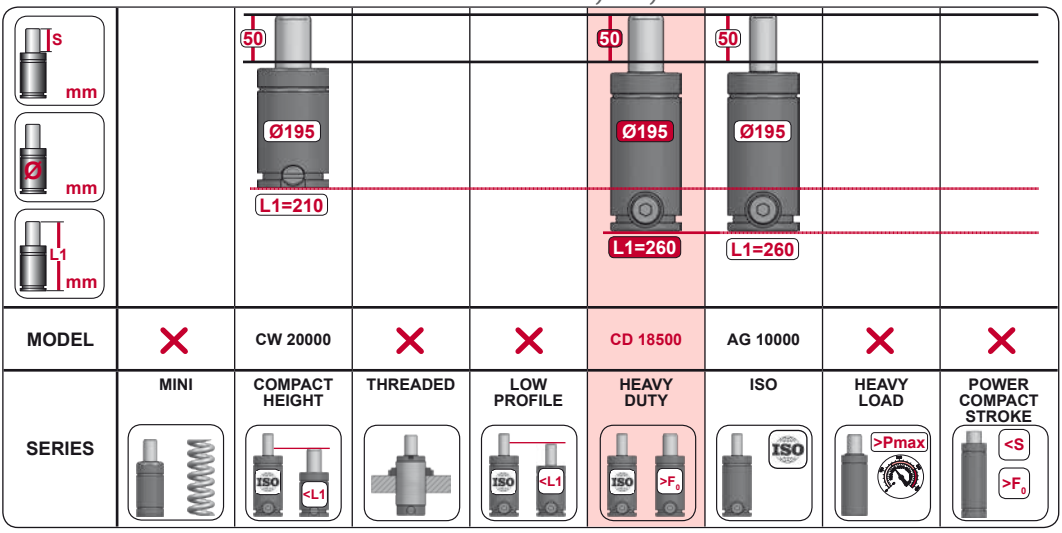



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CD 18500 MOUNTS

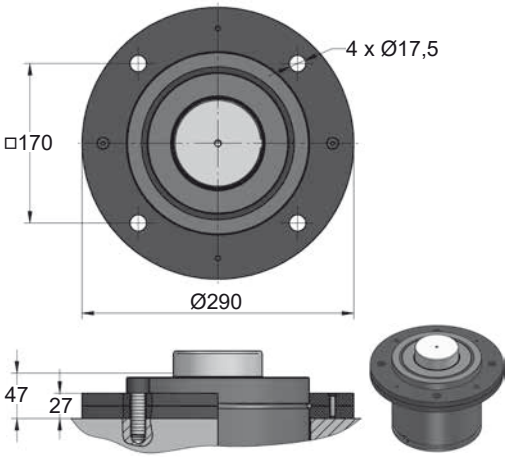
*Heavy Duty*




| MODEL | | CW 20000 | | | CD 18500 | AG 10000 | | |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

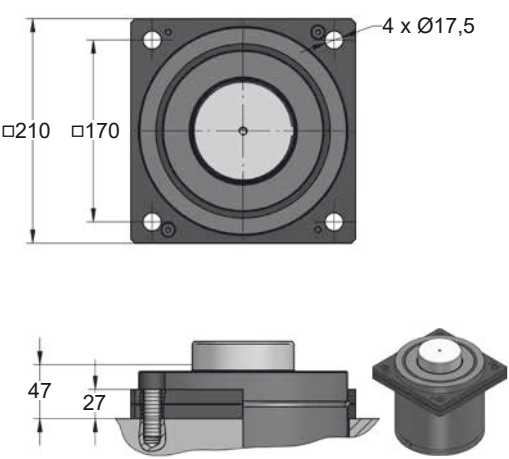
## A14-195

ISO | EM24.54.700/F




## A34-195

ISO | VDI

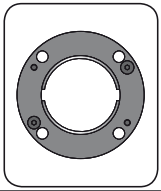


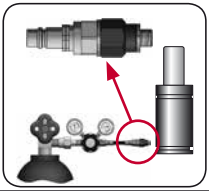












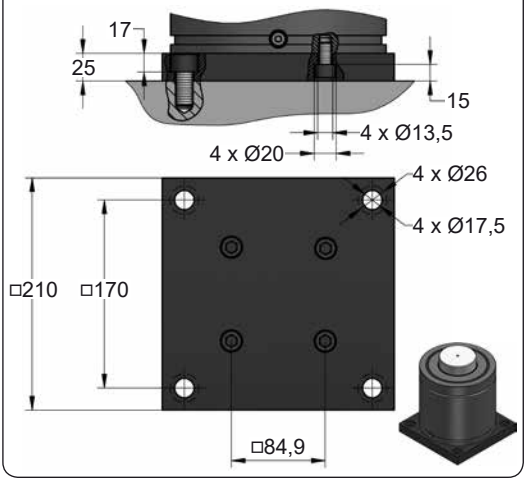
| CODE | | CD 18500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-195 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CD 18500 MOUNTS

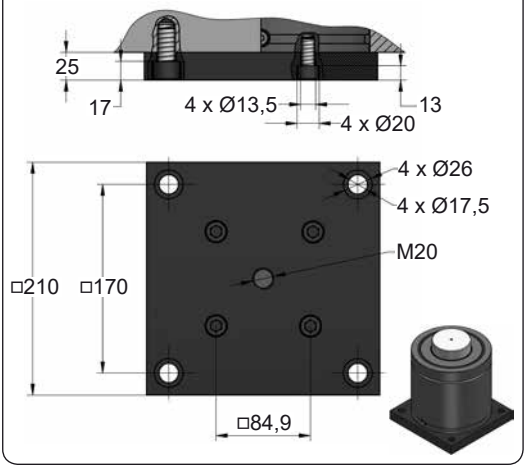
*Heavy Duty*

AZOL GAS

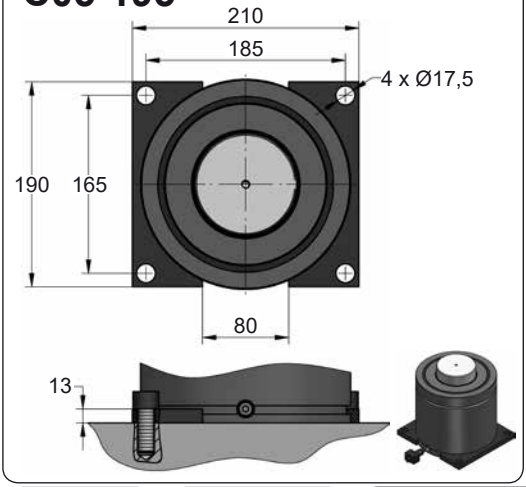
## B21-195




## B76-195

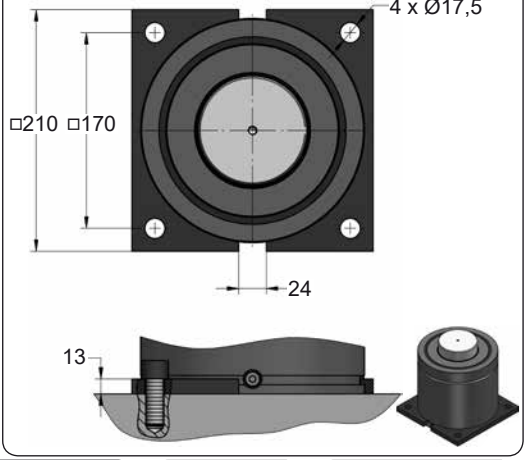



## C05-195




## C20-195

EM24.54.700/F

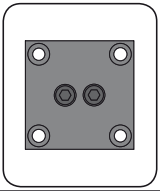


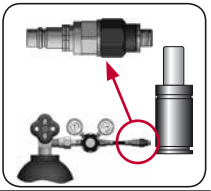












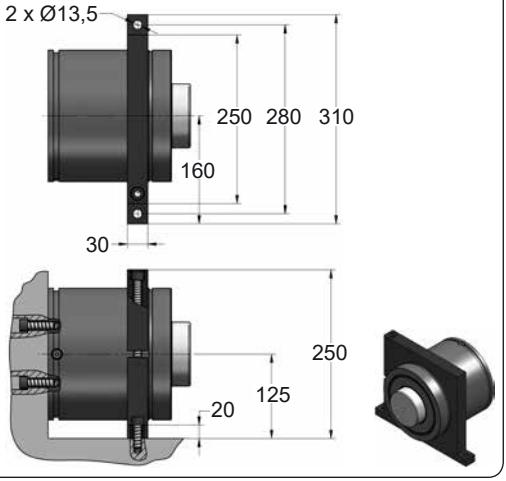
| CODE | | CD 18500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-195 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# CD 18500 MOUNTS

*Heavy Duty*

## D02-195

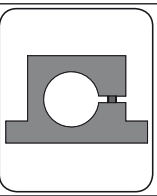


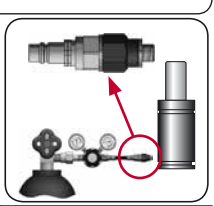










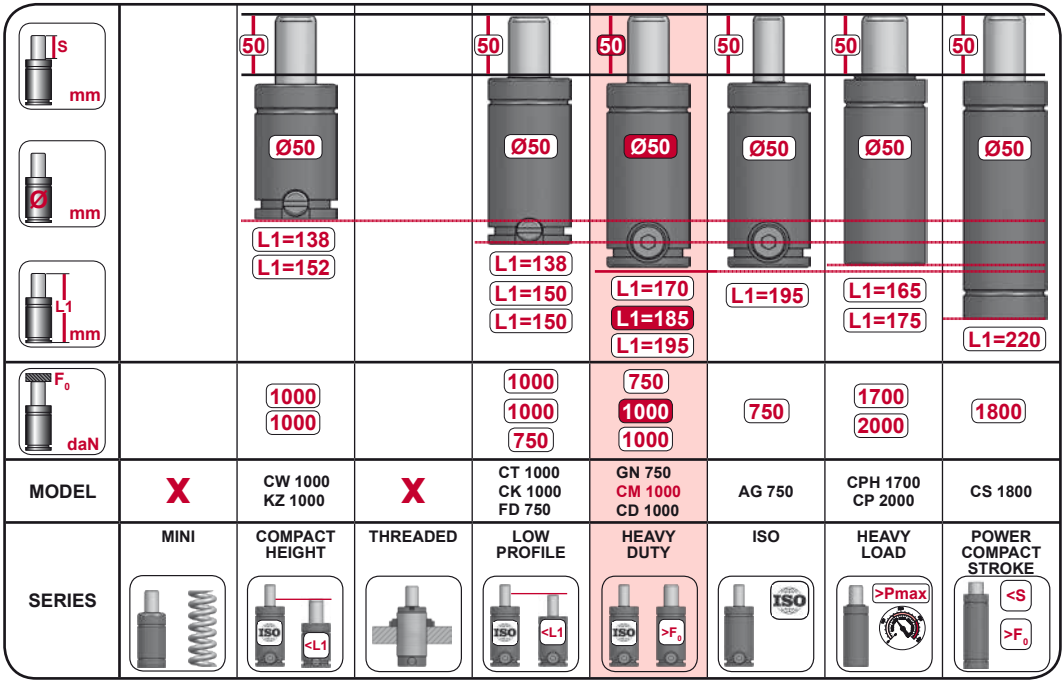


| CODE | | CD 18500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-195 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# CM HEAVY DUTY MEDIUM

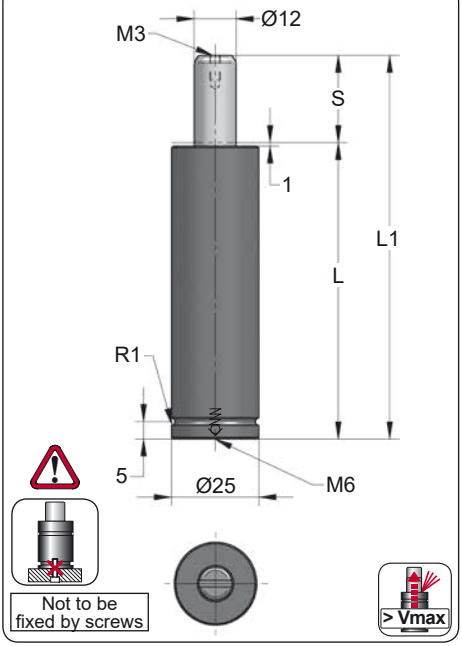
| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| CM 200 | 200 | Ø25 | 10 - 80 | 80 - 220 | 180 | M6 | X | ✔ |
| CM 300 | 300 | Ø32 | 12 - 100 | 84 - 260 | 150 | M6 | ✔ | ✔ |
| CM 350 V1 | 350 | Ø32 | 10 - 80 | 70 - 210 | 180 | M6 | ✔ | ✔ |
| CM 500 V1 | 500 | Ø38 | 10 - 100 | 75 - 260 | 150 | M6 | ✔ | ✔ |
| CM 600 V1 | 600 | Ø45 | 12 - 100 | 84 - 260 | 150 | M6 | ✔ | ✔ |
| CM 1000 V1 | 1000 | Ø50 | 25 - 200 | 135 - 495 | 160 | G1/8" | ✔ | ✔ |
| CM 1500 V1 | 1500 | Ø63 | 25 - 200 | 135 - 495 | 150 | G1/8" | ✔ | ✔ |
| CM 2500 V1 | 2500 | Ø75 | 25 - 200 | 145 - 510 | 160 | G1/8" | ✔ | ✔ |
| CM 4000 V1 | 4000 | Ø95 | 25 - 200 | 155 - 530 | 150 | G1/8" | ✔ | ✔ |
| CM 6500 V1 | 6500 | Ø120 | 25 - 200 | 165 - 540 | 150 | G1/8" | ✔ | ✔ |
| CM 10000 | 10000 | Ø150 | 25 - 200 | 186 - 536 | 160 | G1/8" | ✔ | ✔ |



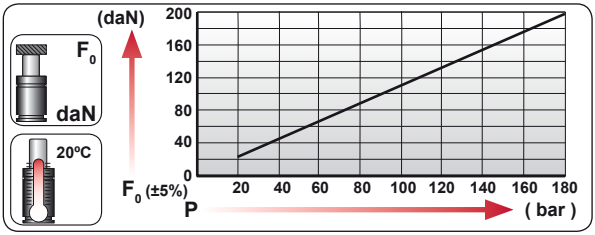
# CM 200

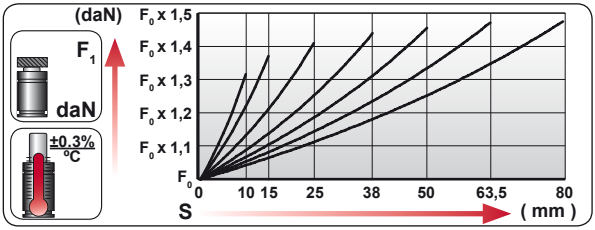
*Heavy Duty*

AZOL GAS



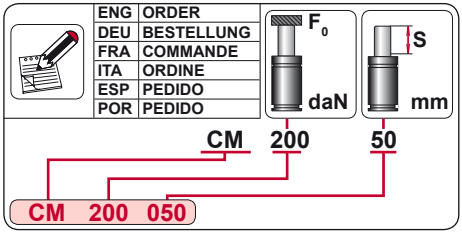

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CM 200 010 | 10 | 80 | 70 | 0.21 |
| CM 200 015 | 15 | 90 | 75 | 0.22 |
| CM 200 025 | 25 | 110 | 85 | 0.24 |
| CM 200 038 | 38 | 136 | 98 | 0.27 |
| CM 200 050 | 50 | 160 | 110 | 0.29 |
| CM 200 063 | 63.5 | 186.5 | 123 | 0.31 |
| CM 200 080 | 80 | 220 | 140 | 0.34 |

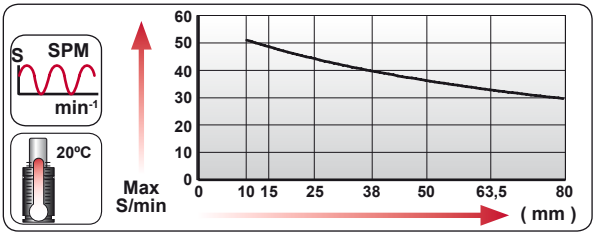


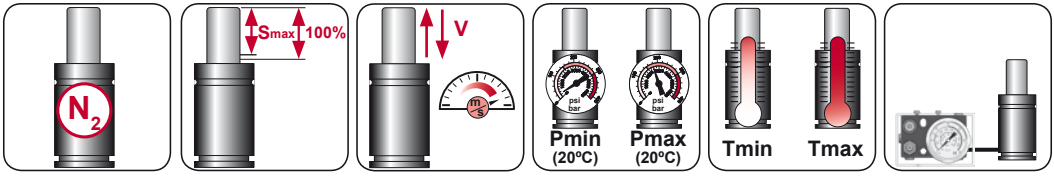




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CM 200 050 | 180 | 2610 | 205 | 300 |
| CM-H 200 050 | 0 | 0 | --- | --- |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



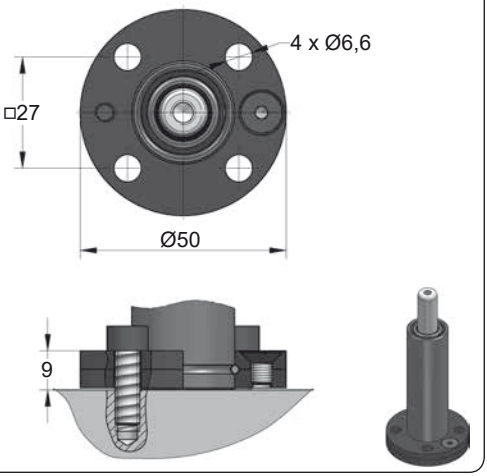

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

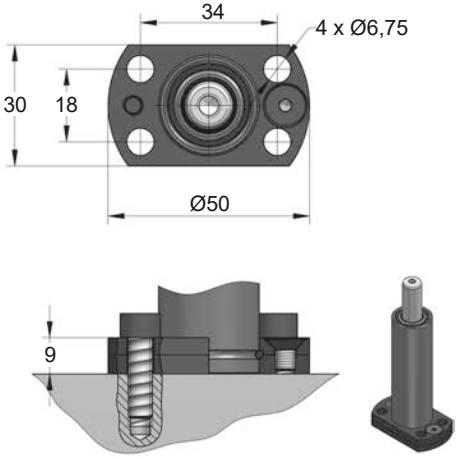
# CM 200 MOUNTS

Heavy Duty

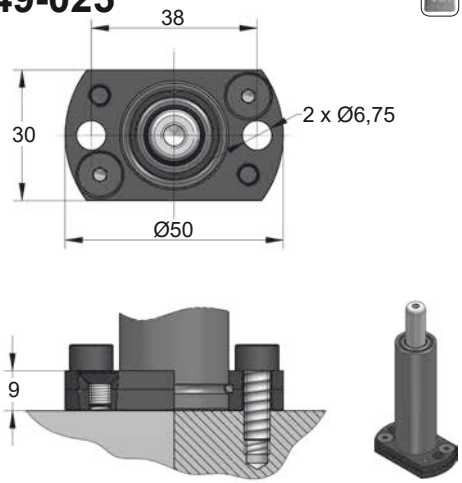
## A14-025



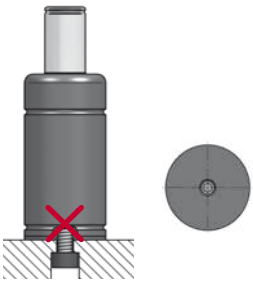

## A44-025




## A49-025




## Single base thread

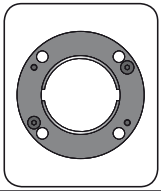


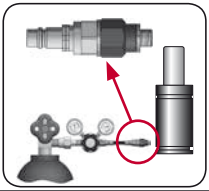
Gas springs with only a single base thread should not be mounted by screws.







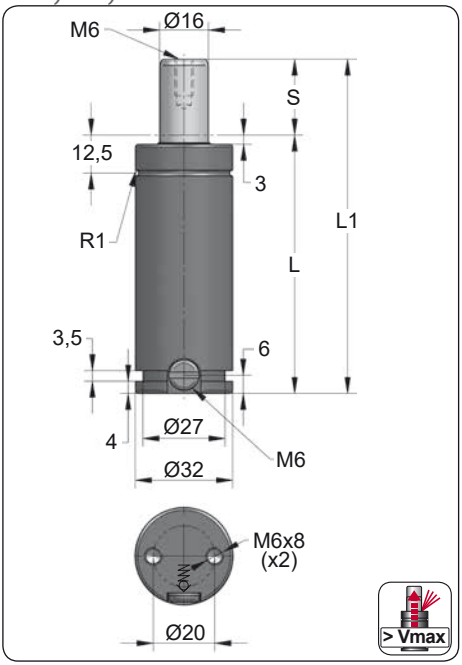


| CODE | | CM 200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-025 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

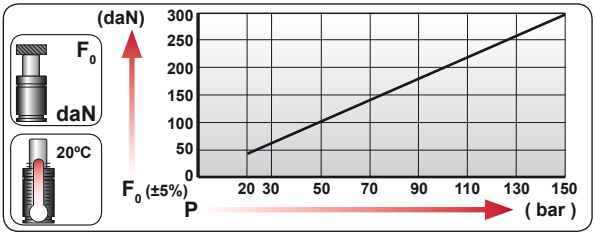
# CM 300

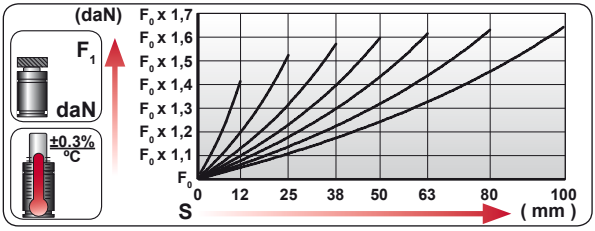
*Heavy Duty*

AZOL GAS

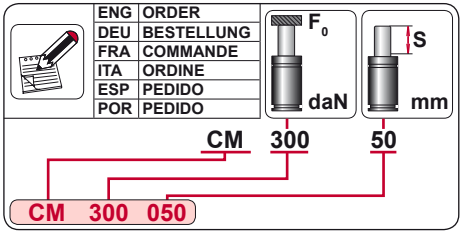


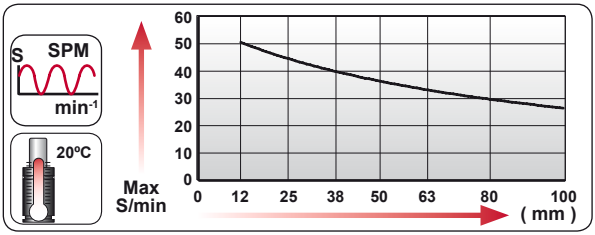

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CM 300 012 | 12 | 84 | 72 | 0.35 |
| CM 300 025 | 25 | 110 | 85 | 0.39 |
| CM 300 038 | 38 | 136 | 98 | 0.44 |
| CM 300 050 | 50 | 160 | 110 | 0.48 |
| CM 300 063 | 63 | 186 | 123 | 0.52 |
| CM 300 080 | 80 | 220 | 140 | 0.58 |
| CM 300 100 | 100 | 260 | 160 | 0.65 |

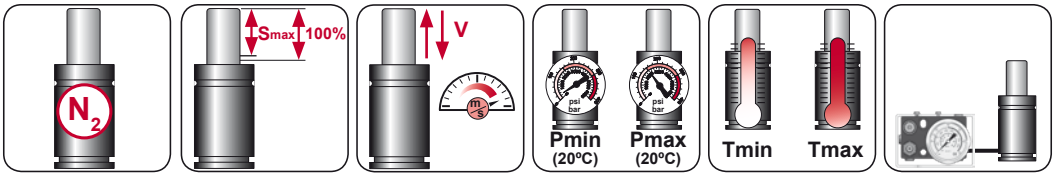



| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CM 300 050 | 150 | 2175 | 300 | 480 |
| CM-H 300 050 | 0 | 0 | --- | --- |




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

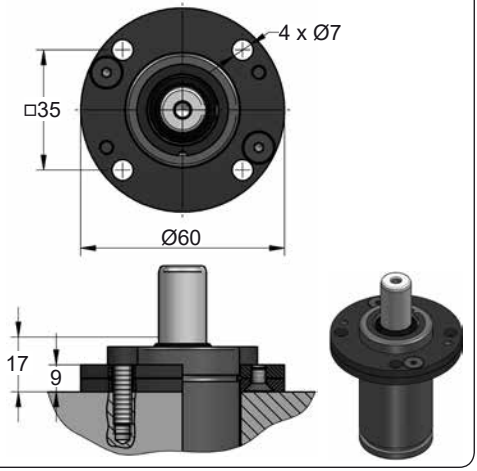
AZOL GAS

# CM 300 MOUNTS

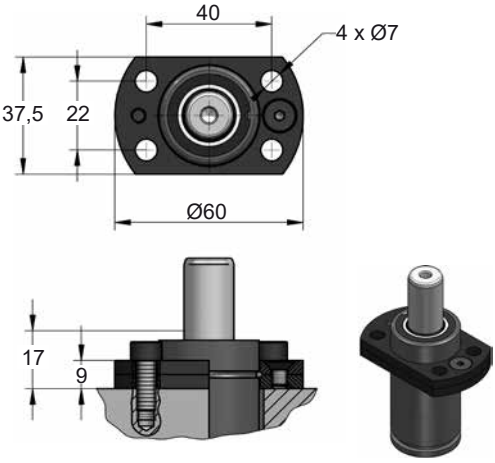
Heavy Duty

## A14-032

ISO E24.54.815.G EM24.54.700/F

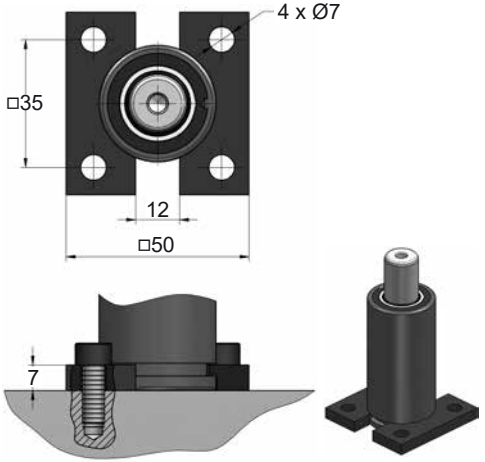



## A44-032



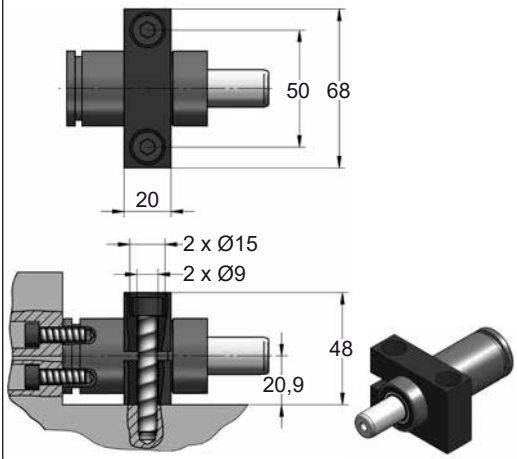

## C20-032

ISO VDI E24.54.815.G EM24.54.700/F




## D67-032

VDI

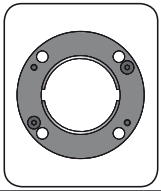


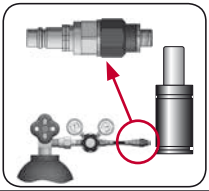










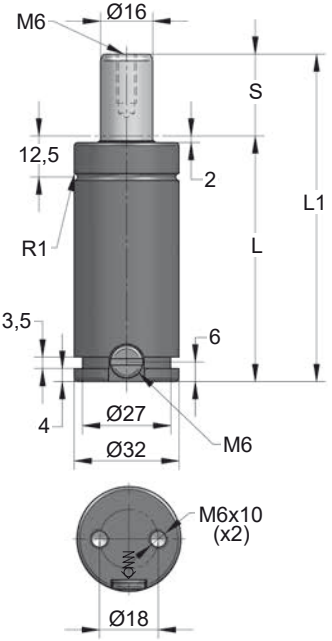


| CODE | | CM 300 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-032 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

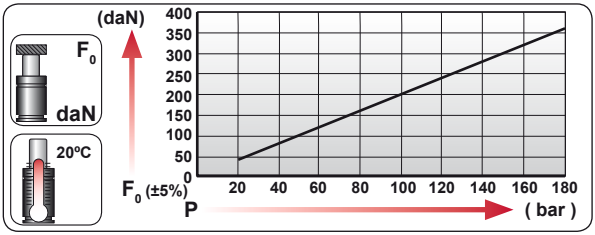
# CM 350 V1

*Heavy Duty*

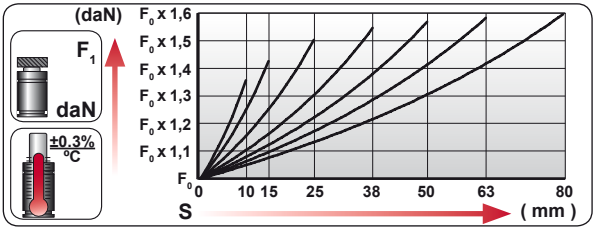
AZOL GAS



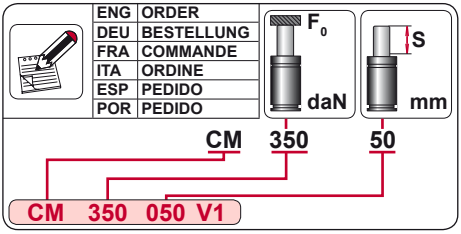

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CM 350 010 V1 | 10 | 70 | 60 | 0.29 |
| CM 350 015 V1 | 15 | 80 | 65 | 0.30 |
| CM 350 025 V1 | 25 | 100 | 75 | 0.34 |
| CM 350 038 V1 | 38 | 126 | 88 | 0.38 |
| CM 350 050 V1 | 50 | 150 | 100 | 0.42 |
| CM 350 063 V1 | 63 | 176 | 113 | 0.47 |
| CM 350 080 V1 | 80 | 210 | 130 | 0.52 |

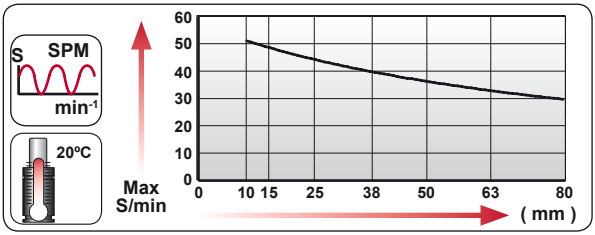


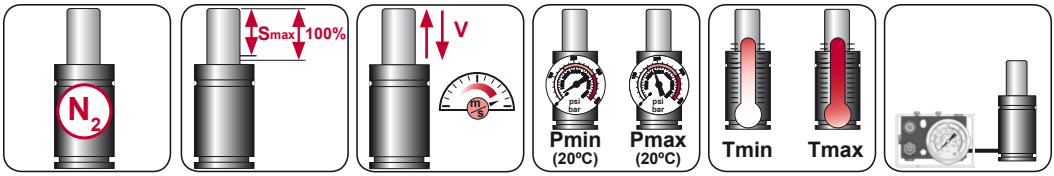

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CM 350 050 V1 | 175 | 2540 | 350 | 550 |
| CM-H 350 050 V1 | 0 | 0 | --- | --- |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

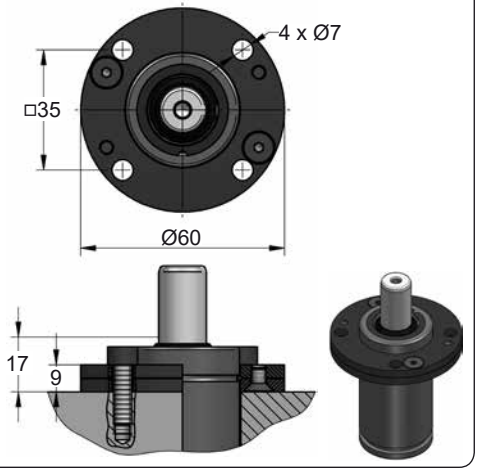
AZOL GAS

# CM 350 V1 MOUNTS

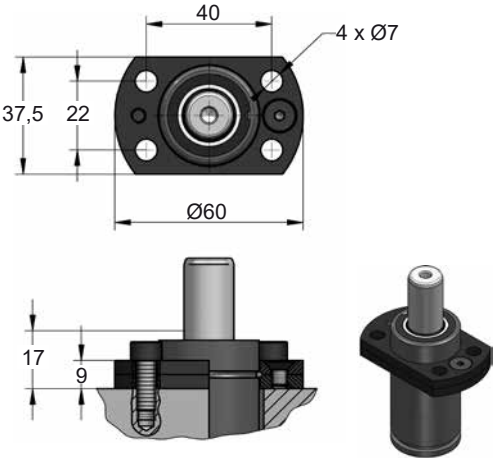
*Heavy Duty*

## A14-032

ISO | E24.54.815.G EM24.54.700/F

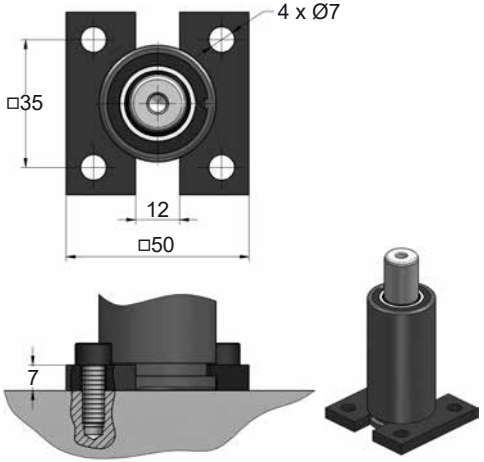



## A44-032



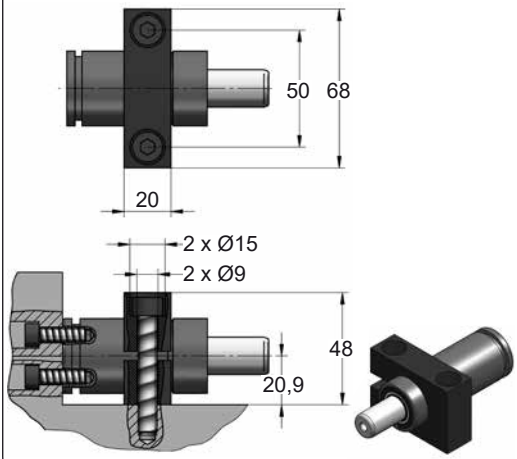

## C20-032

ISO | VDI | E24.54.815.G EM24.54.700/F




## D67-032

VDI

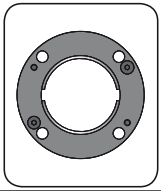


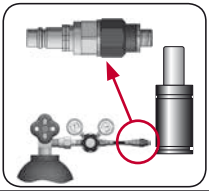










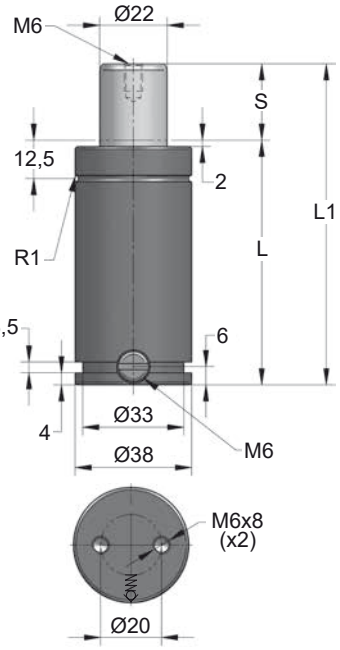


| CODE | | CM 350 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-032 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

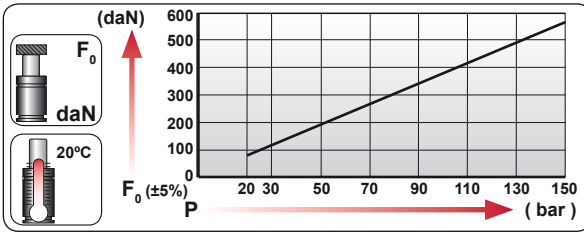
# CM 500 V1

*Heavy Duty*

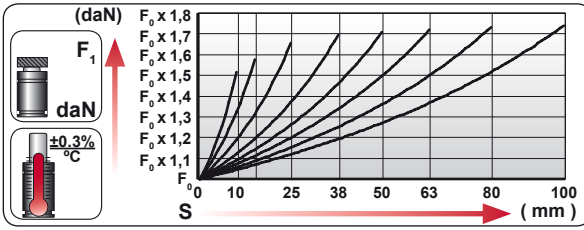
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CM 500 010 V1 | 10 | 75 | 65 | 0.43 |
| CM 500 015 V1 | 15 | 85 | 70 | 0.46 |
| CM 500 025 V1 | 25 | 105 | 80 | 0.50 |
| CM 500 038 V1 | 38 | 131 | 93 | 0.56 |
| CM 500 050 V1 | 50 | 155 | 105 | 0.61 |
| CM 500 063 V1 | 63 | 186 | 123 | 0.69 |
| CM 500 080 V1 | 80 | 220 | 140 | 0.76 |
| CM 500 100 V1 | 100 | 260 | 160 | 0.85 |

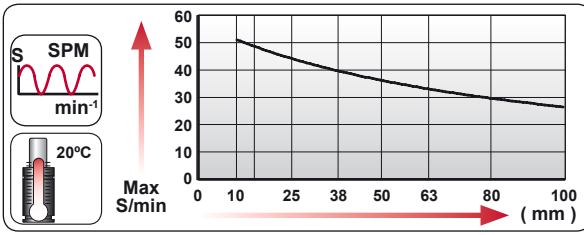


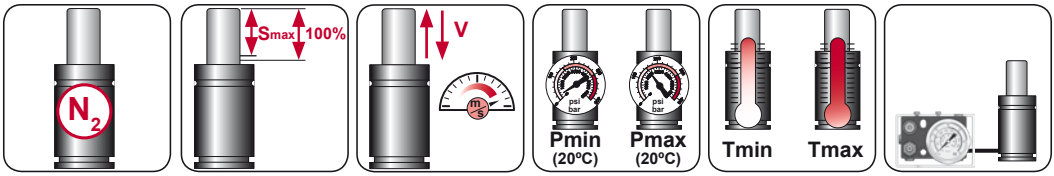

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CM 500 050 V1 | 130 | 1885 | 495 | 855 |
| CM-H 500 050 V1 | 0 | 0 | --- | --- |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

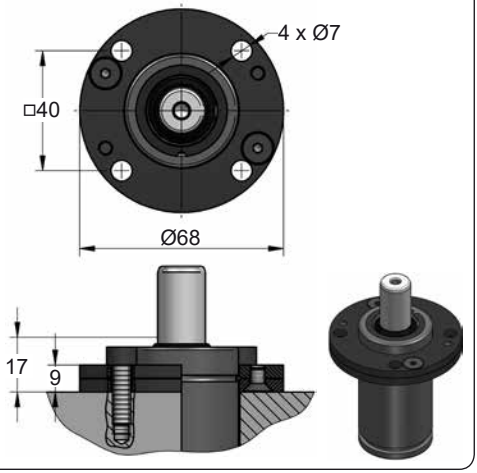
AZOL GAS

# CM 500 V1 MOUNTS

*Heavy Duty*

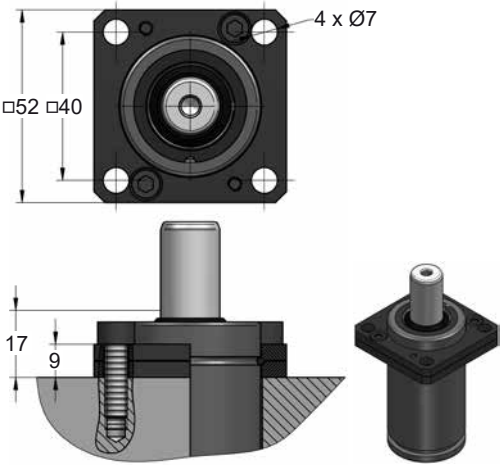
## A14-038

ISO · E24.54.815.G · EM24.54.700/F



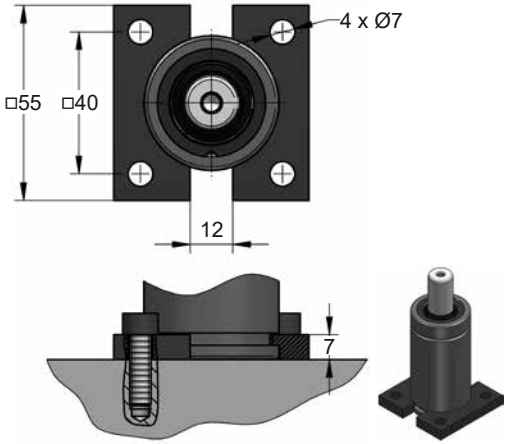

## A34-038

ISO · VDI



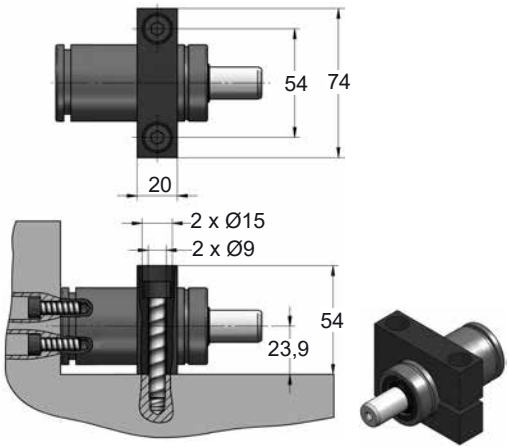

## C20-038

ISO · VDI · E24.54.815.G · EM24.54.700/F




## D67-038

VDI

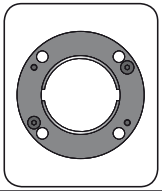


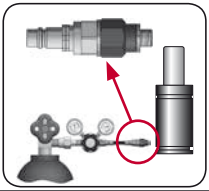










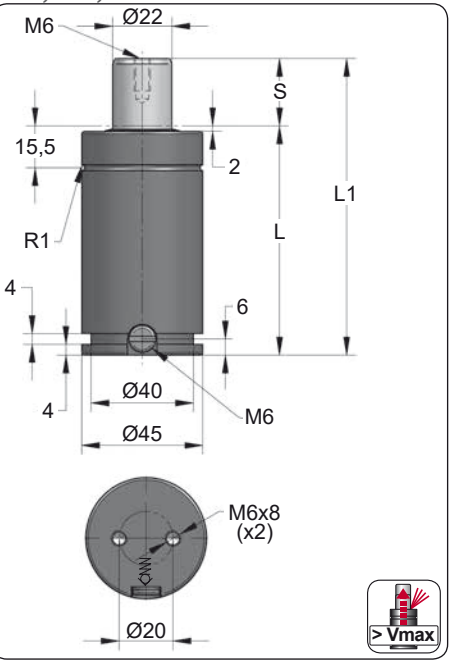


| CODE | | CM 500 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-038 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

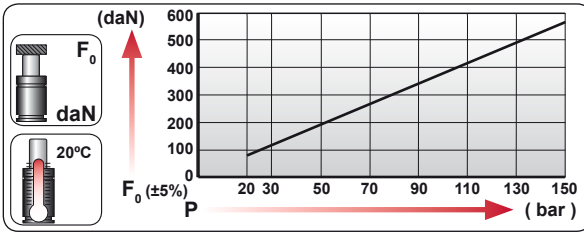
# CM 600 V1

*Heavy Duty*

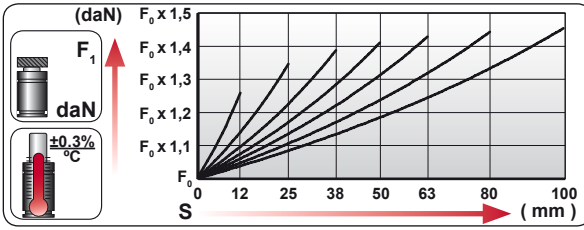
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CM 600 012 V1 | 12 | 84 | 72 | 0.66 |
| CM 600 025 V1 | 25 | 110 | 85 | 0.73 |
| CM 600 038 V1 | 38 | 136 | 98 | 0.81 |
| CM 600 050 V1 | 50 | 160 | 110 | 0.87 |
| CM 600 063 V1 | 63 | 186 | 123 | 0.94 |
| CM 600 080 V1 | 80 | 220 | 140 | 1.04 |
| CM 600 100 V1 | 100 | 260 | 160 | 1.15 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CM 600 050 V1 | 150 | 2175 | 570 | 805 |
| CM-H 600 050 V1 | 0 | 0 | --- | --- |

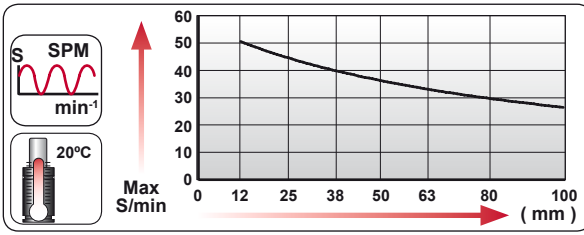


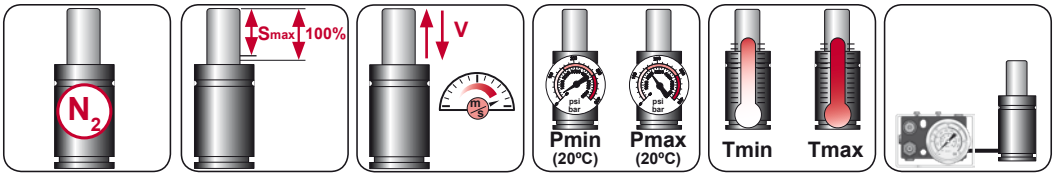

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CM 600 50

CM 600 050 V1




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

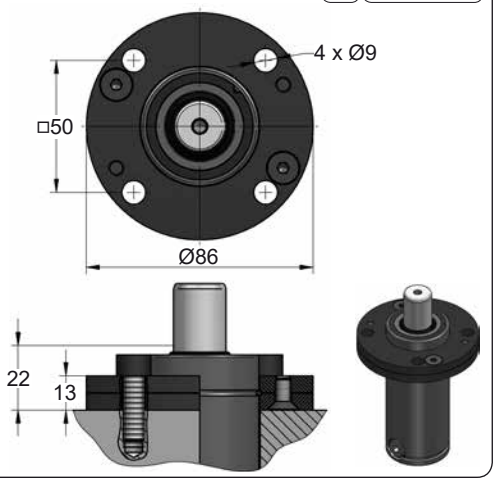
AZOL GAS

# CM 600 V1 *MOUNTS*

*Heavy Duty*

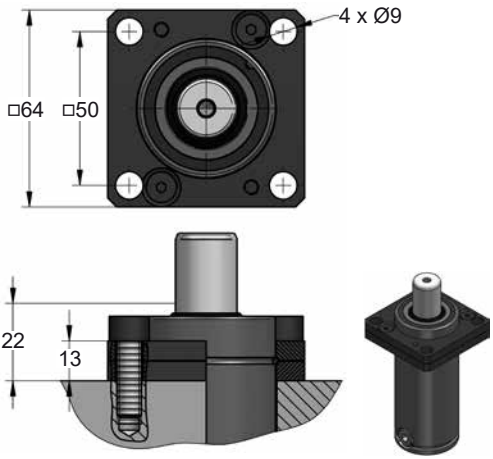
## A14-045

ISO E24.54.815.G EM24.54.700/F



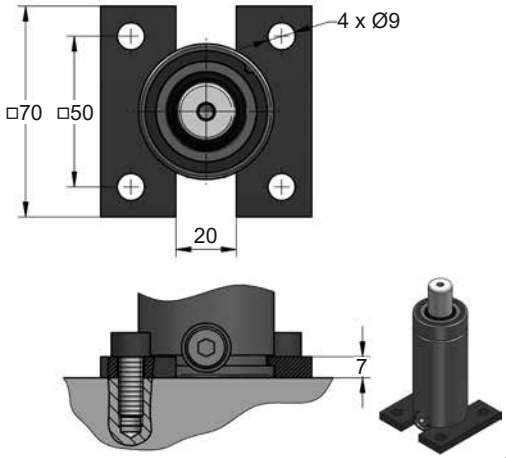

## A34-045

ISO VDI



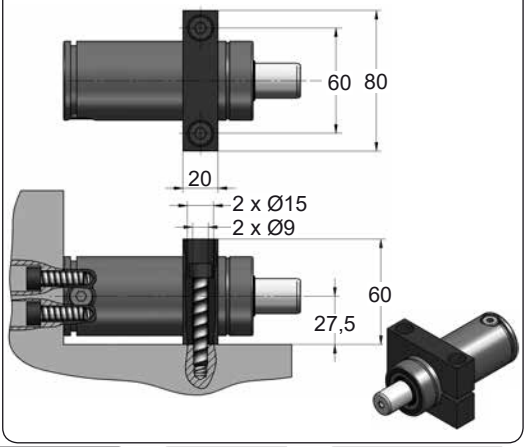

## C20-045

ISO VDI E24.54.815.G EM24.54.700/F




## D67-045

VDI

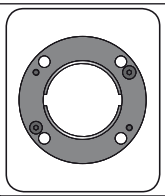


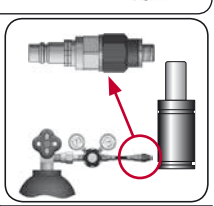










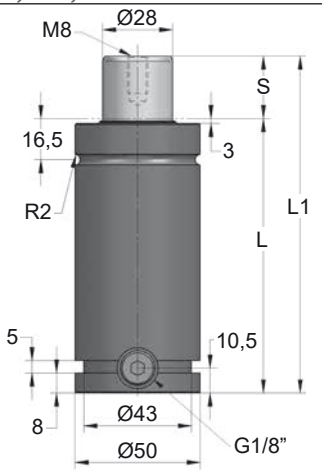


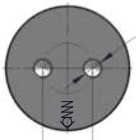
| CODE | | CM 600 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-045 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CM 1000 V1

*Heavy Duty*

AZOL GAS



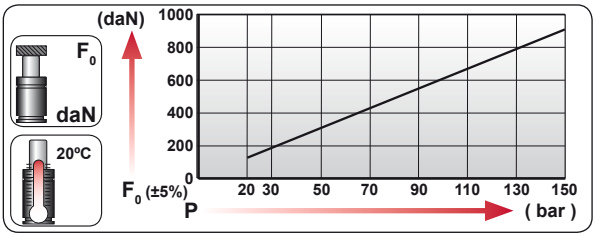



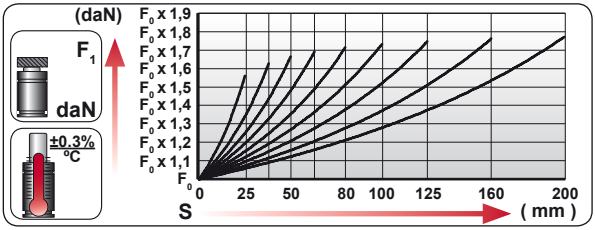







| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CM 1000 025 V1 | 25 | 135 | 110 | 1.29 |
| CM 1000 038 V1 | 38 | 161 | 123 | 1.40 |
| CM 1000 050 V1 | 50 | 185 | 135 | 1.50 |
| CM 1000 063 V1 | 63 | 211 | 148 | 1.61 |
| CM 1000 080 V1 | 80 | 245 | 165 | 1.75 |
| CM 1000 100 V1 | 100 | 295 | 195 | 1.98 |
| CM 1000 125 V1 | 125 | 345 | 220 | 2.19 |
| CM 1000 160 V1 | 160 | 415 | 255 | 2.48 |
| CM 1000 200 V1 | 200 | 495 | 295 | 2.81 |

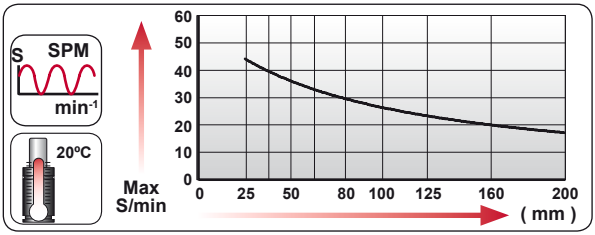



| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CM 1000 050 V1 | | 160 | 2320 | 985 | 1640 |
| CM-H 1000 050 V1 | | 0 | 0 | --- | --- |

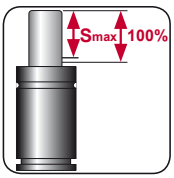
| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

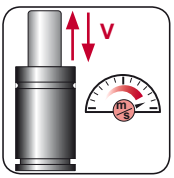


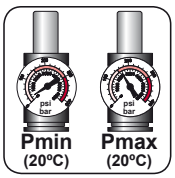



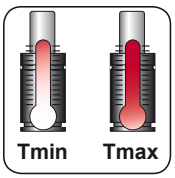


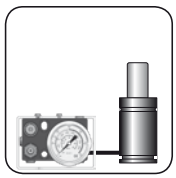




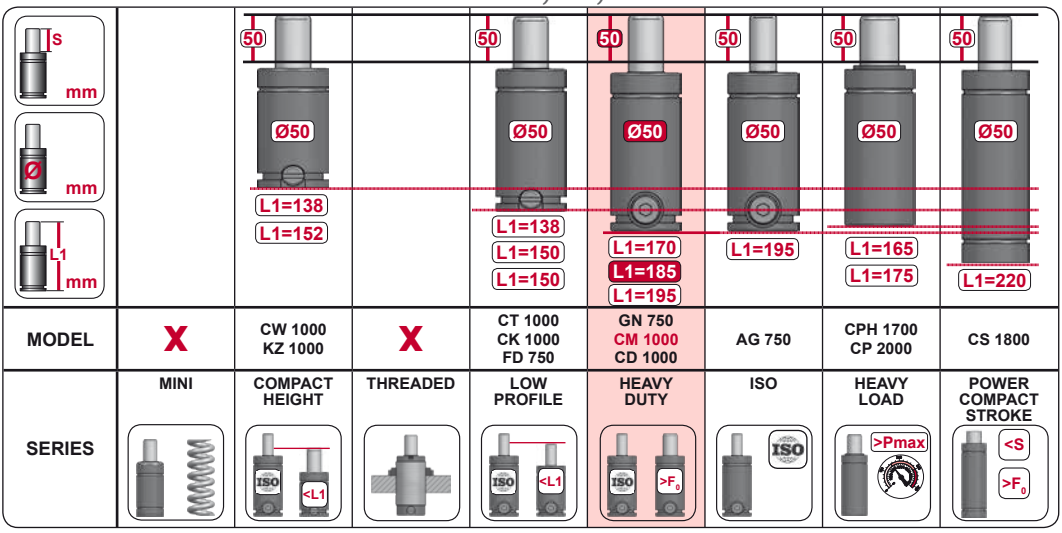



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 160 2320 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CM 1000 V1 MOUNTS

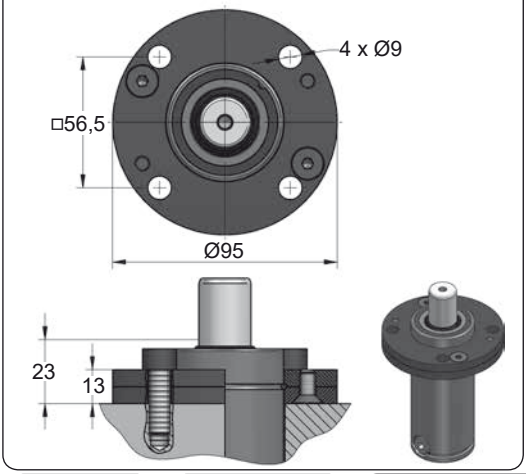
Heavy Duty



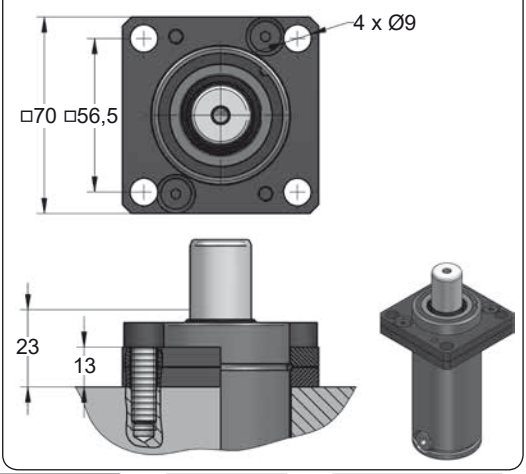

| MODEL | X | CW 1000 KZ 1000 | X | CT 1000 CK 1000 FD 750 | GN 750 CM 1000 CD 1000 | AG 750 | CPH 1700 CP 2000 | CS 1800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-050

E24.54.815.G
EM24.54.700/F




## A34-050

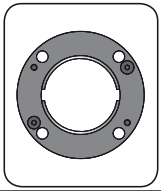


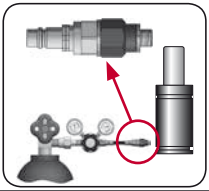












| CODE | | CM 1000 050 V1 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

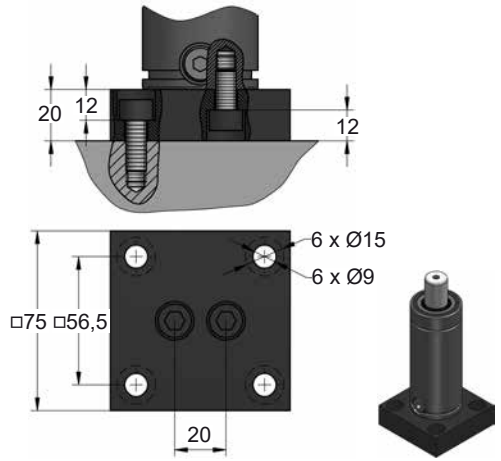
# CM 1000 V1 MOUNTS

*Heavy Duty*

AZOL GAS

## B21-050

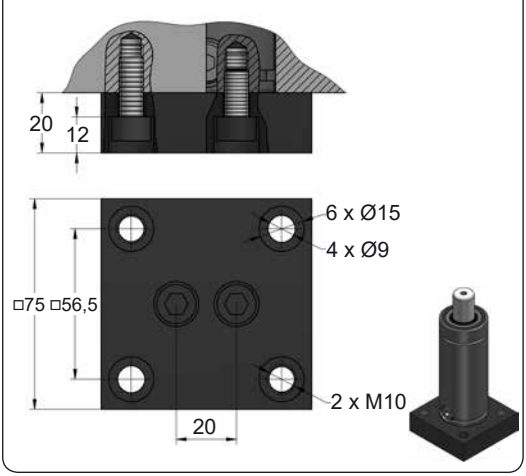
EM24.54.700/F



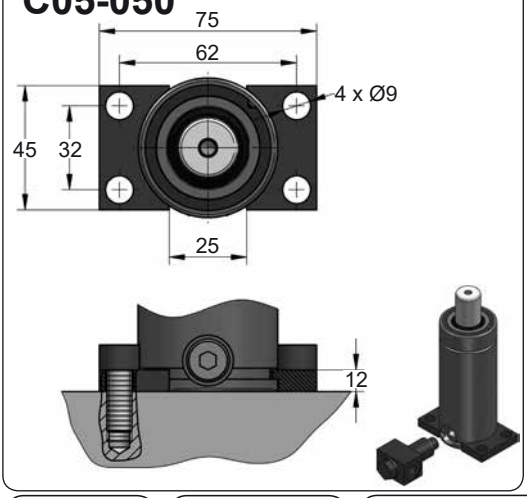

## B76-050

ISO

E24.54.815.G
EM24.54.700/F



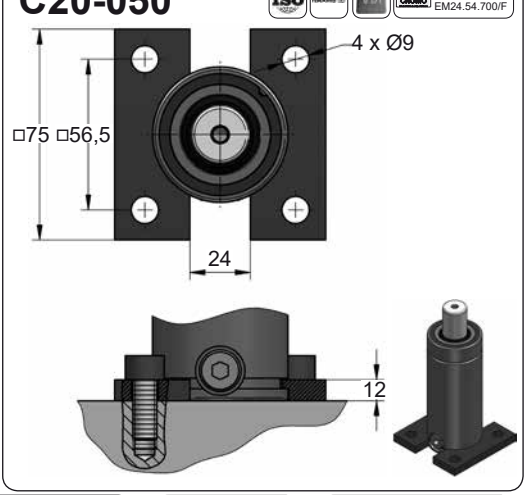

## C05-050




## C20-050

ISO VDI

E24.54.815.G
EM24.54.700/F

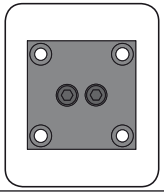


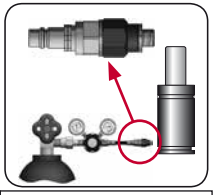












| CODE | | CM 1000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

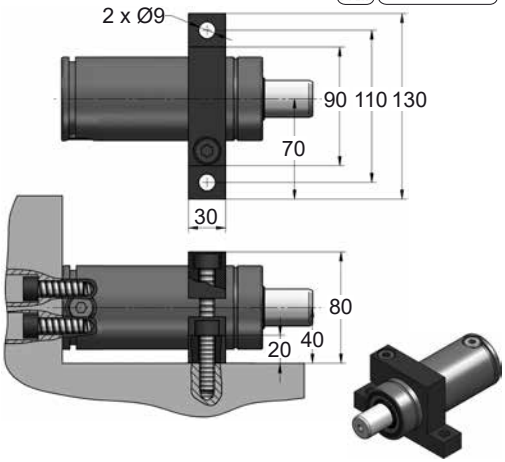
AZOL GAS

# CM 1000 V1 *MOUNTS*

*Heavy Duty*

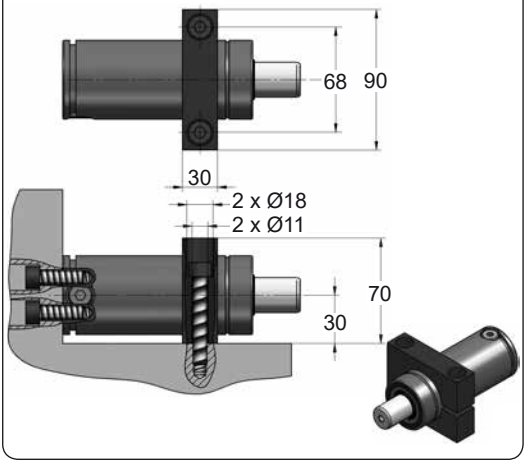
## D02-050

ISO E24.54.815.G EM24.54.700/F




## D67-050

VDI

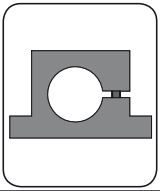


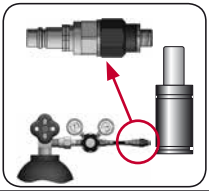










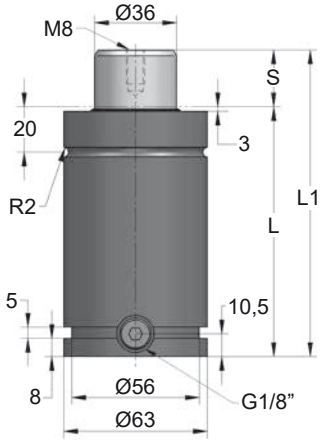


| CODE | | CM 1000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CM 1500 V1

*Heavy Duty*

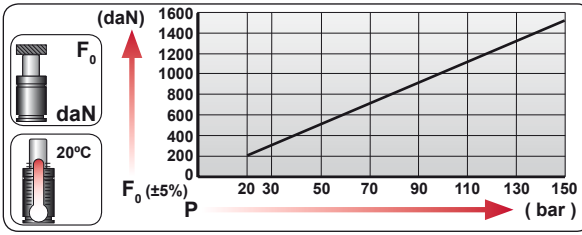
AZOL GAS

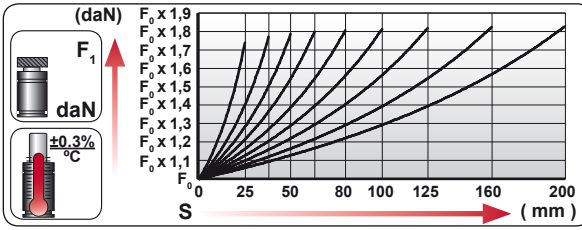






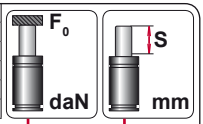
| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CM 1500 025 V1 | 25 | 135 | 110 | 2.03 |
| CM 1500 038 V1 | 38 | 161 | 123 | 2.20 |
| CM 1500 050 V1 | 50 | 185 | 135 | 2.35 |
| CM 1500 063 V1 | 63 | 211 | 148 | 2.51 |
| CM 1500 080 V1 | 80 | 245 | 165 | 2.73 |
| CM 1500 100 V1 | 100 | 285 | 185 | 2.98 |
| CM 1500 125 V1 | 125 | 345 | 220 | 3.38 |
| CM 1500 160 V1 | 160 | 415 | 255 | 3.82 |
| CM 1500 200 V1 | 200 | 495 | 295 | 4.32 |



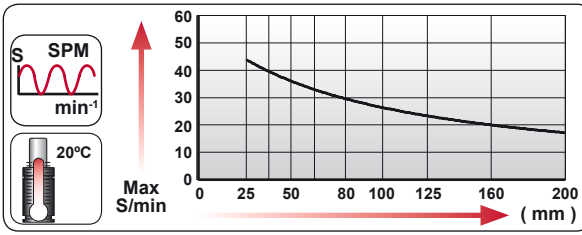

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CM 1500 050 V1 | | 150 | 2175 | 1530 | 2730 |
| CM-H 1500 050 V1 | | 0 | 0 | --- | --- |

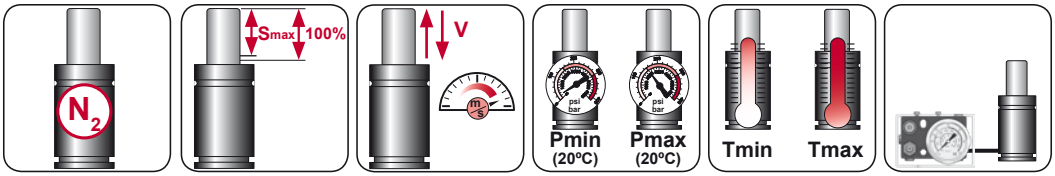
| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CM 1500 50

CM 1500 050 V1



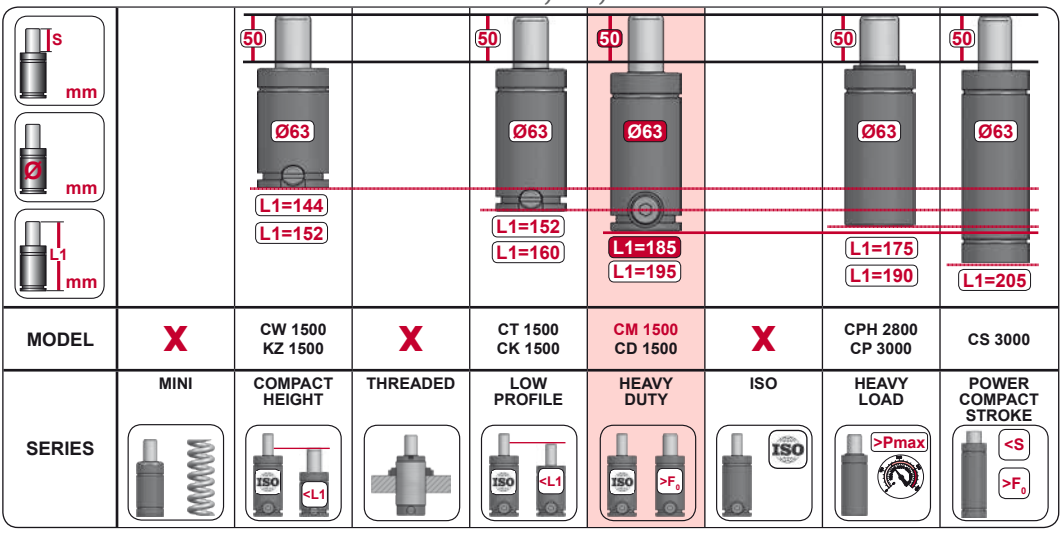




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

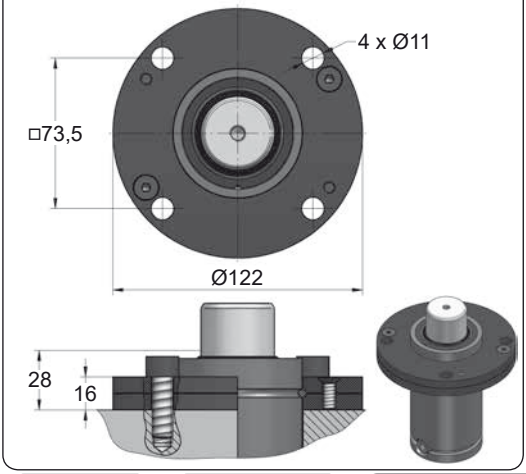
# CM 1500 V1 MOUNTS

*Heavy Duty*

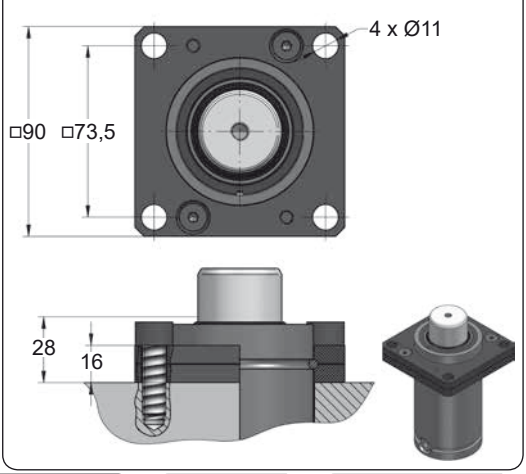



| MODEL | X | CW 1500 KZ 1500 | X | CT 1500 CK 1500 | CM 1500 CD 1500 | X | CPH 2800 CP 3000 | CS 3000 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-063




## A39-063

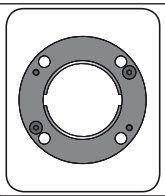


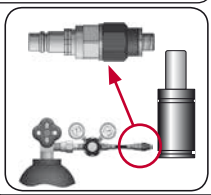












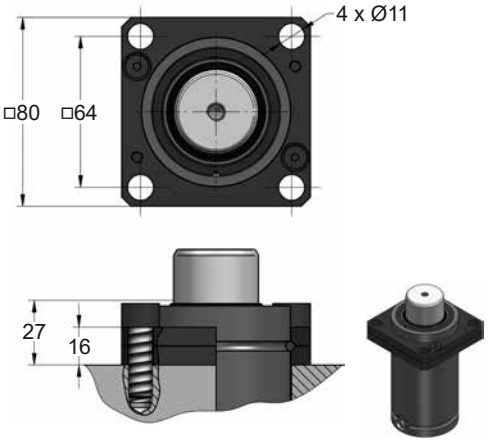
| CODE | | CM 1500 050 V1 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CM 1500 V1 MOUNTS

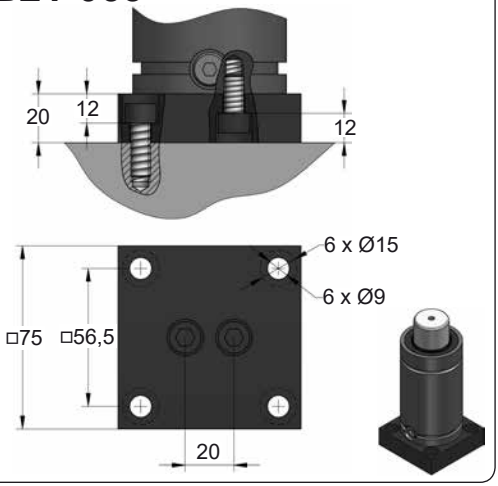
*Heavy Duty*

AZOL GAS

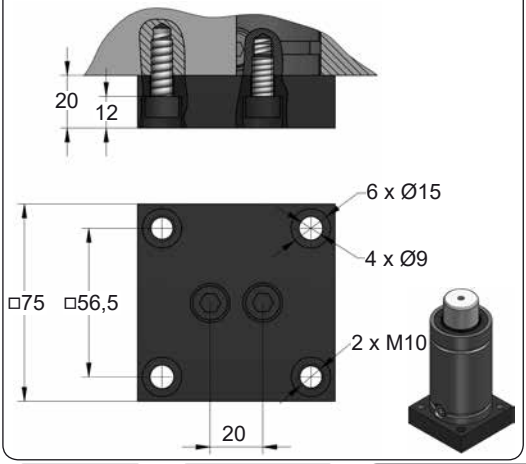
## A69-063



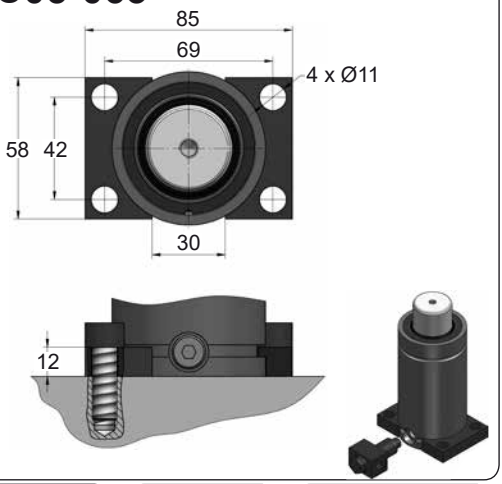

## B21-063




## B76-063




## C05-063

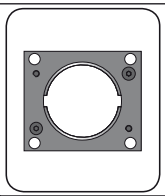


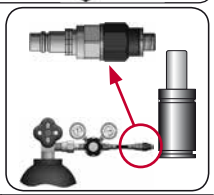












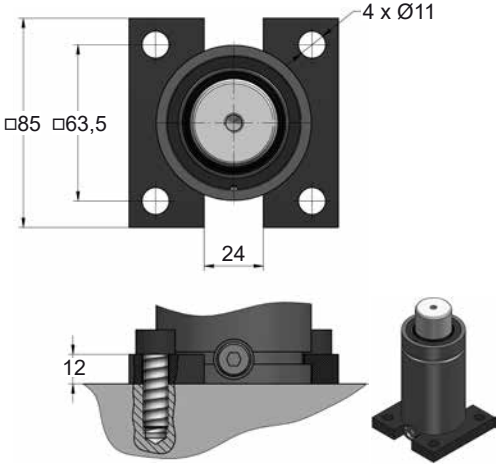
| CODE | | CM 1500 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A69-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

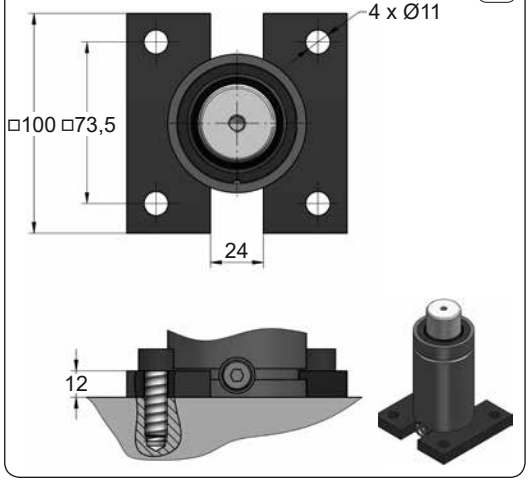
# CM 1500 V1 MOUNTS

*Heavy Duty*

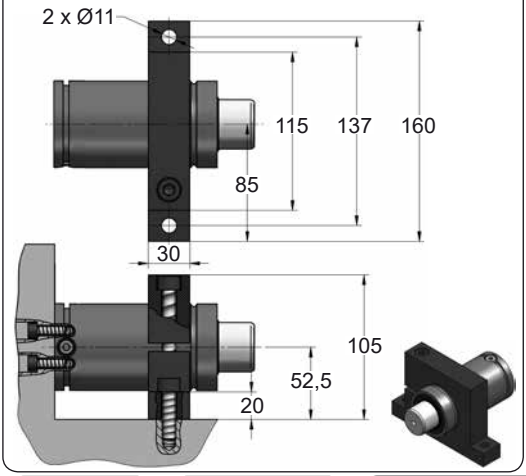
## C30-063



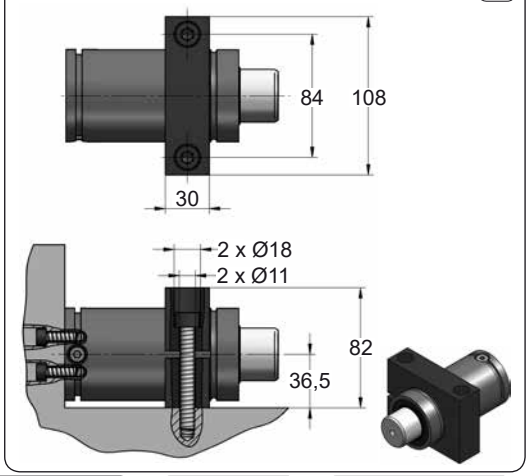

## C35-063




## D02-063




## D67-063

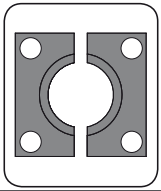


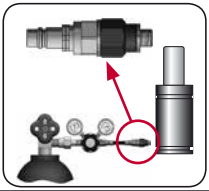










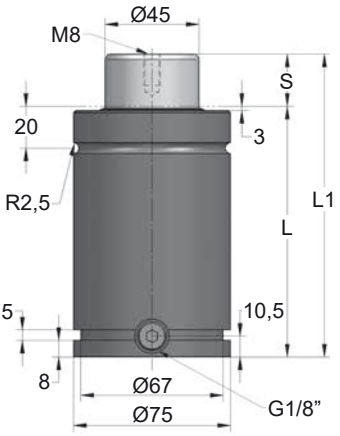


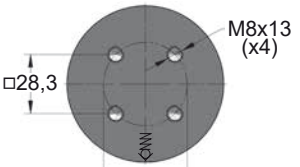
| CODE | | CM 1500 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C30-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CM 2500 V1

*Heavy Duty*

AZOL GAS

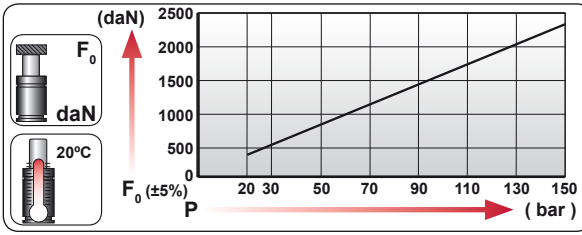


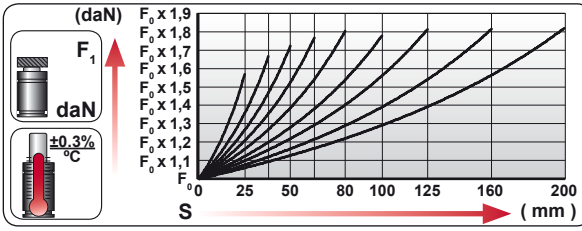





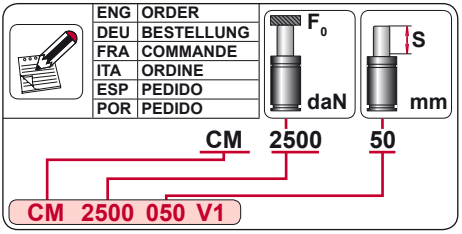


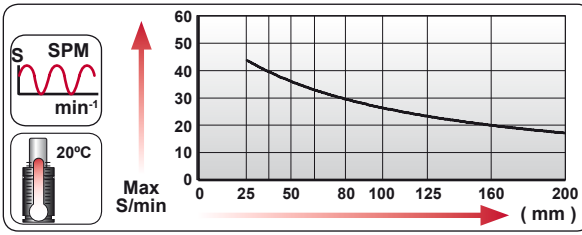
| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CM 2500 025 V1 | 25 | 145 | 120 | 2.95 |
| CM 2500 038 V1 | 38 | 171 | 133 | 3.18 |
| CM 2500 050 V1 | 50 | 195 | 145 | 3.38 |
| CM 2500 063 V1 | 63 | 221 | 158 | 3.60 |
| CM 2500 080 V1 | 80 | 255 | 175 | 3.90 |
| CM 2500 100 V1 | 100 | 300 | 200 | 4.29 |
| CM 2500 125 V1 | 125 | 350 | 225 | 4.72 |
| CM 2500 160 V1 | 160 | 425 | 265 | 5.37 |
| CM 2500 200 V1 | 200 | 510 | 310 | 6.11 |

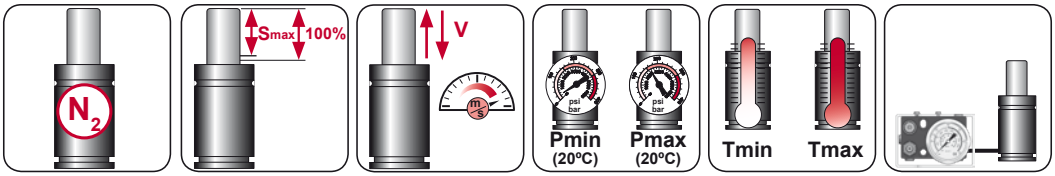



| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CM 2500 050 V1 | | 155 | 2450 | 2465 | 4250 |
| CM-H 2500 050 V1 | | 0 | 0 | --- | --- |



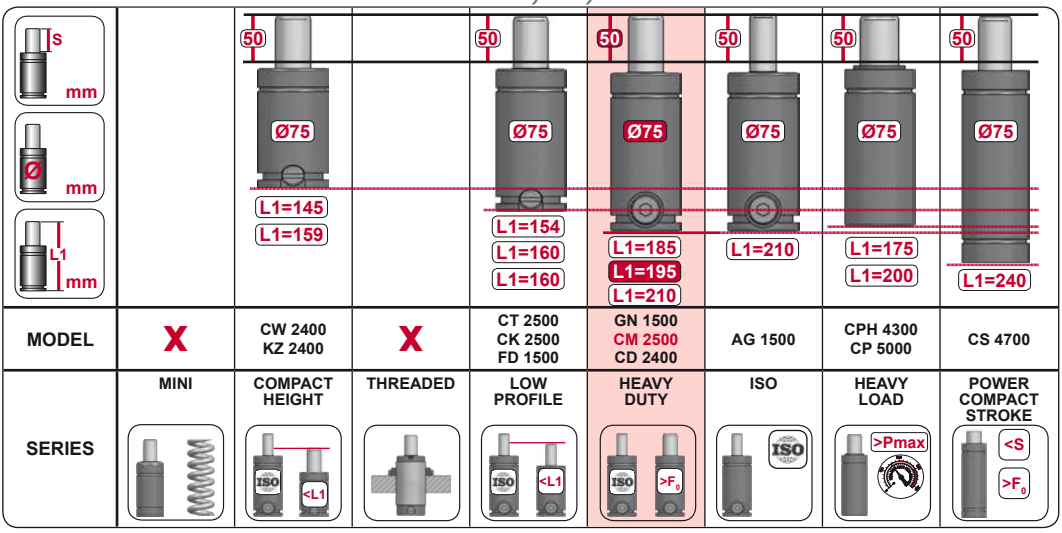




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 160 2320 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CM 2500 V1 MOUNTS

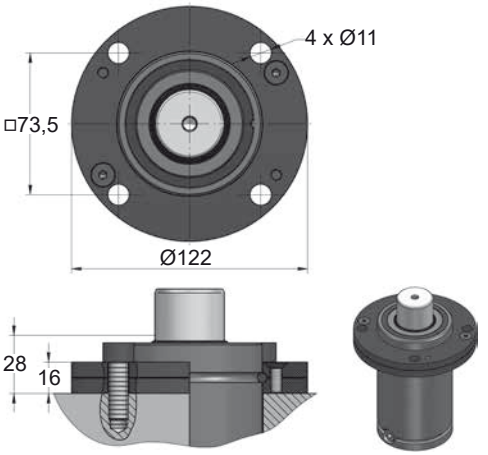
*Heavy Duty*




| MODEL | X | CW 2400 KZ 2400 | X | CT 2500 CK 2500 FD 1500 | GN 1500 CM 2500 CD 2400 | AG 1500 | CPH 4300 CP 5000 | CS 4700 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

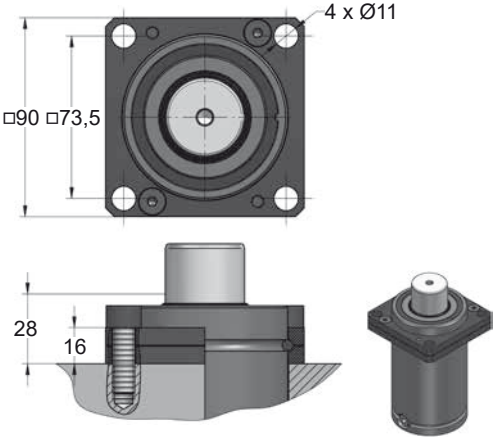
## A14-075

ISO E24.54.815.G EM24.54.700/F




## A34-075

ISO VDI

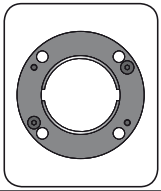


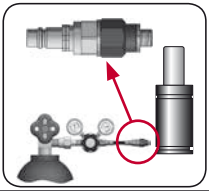












| CODE | | CM 2500 050 V1 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

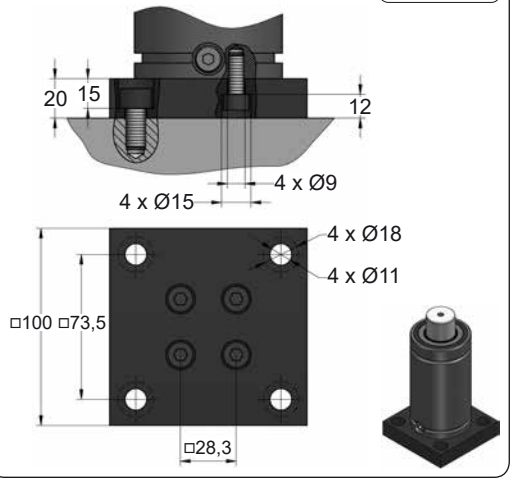
# CM 2500 V1 MOUNTS

*Heavy Duty*

AZOL GAS

## B21-075

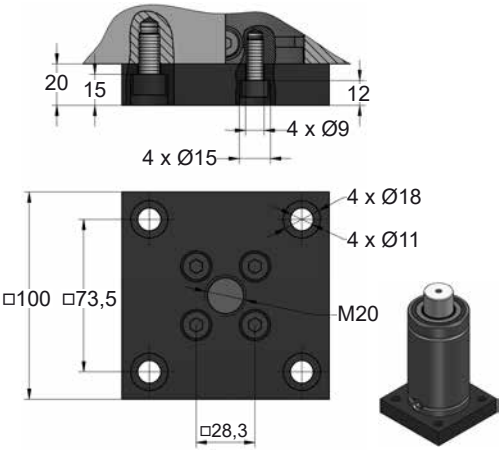
EM24.54.700/F



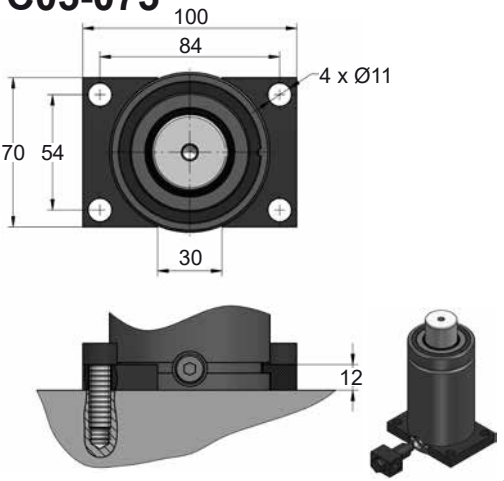

## B76-075

ISO

E24.54.815.G
EM24.54.700/F



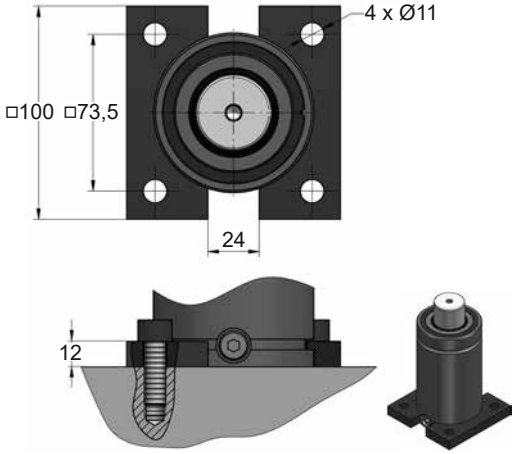

## C05-075




## C20-075

ISO VDI

E24.54.815.G
EM24.54.700/F

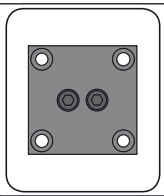


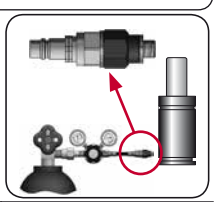












| CODE | | CM 2500 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

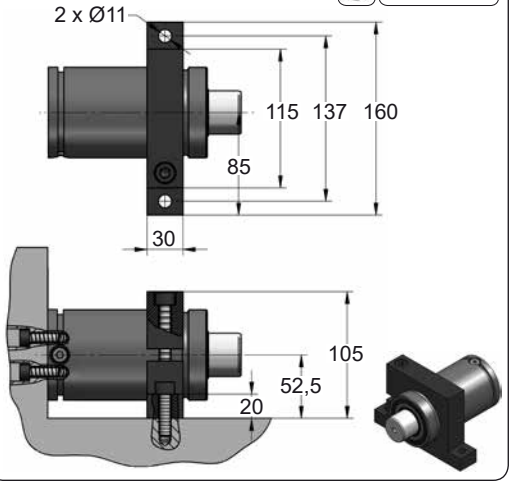
AZOL GAS

# CM 2500 V1 MOUNTS

*Heavy Duty*

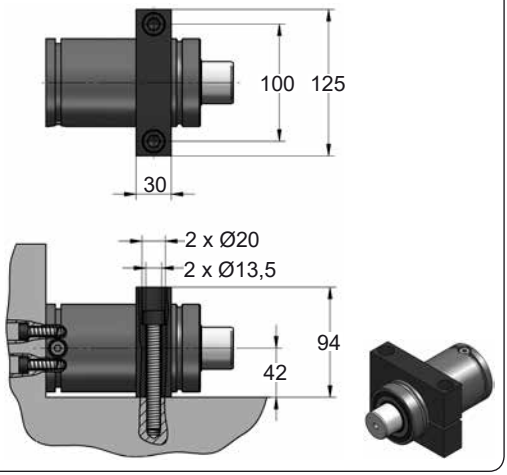
## D02-075

ISO E24.54.815.G EM24.54.700/F




## D67-075

VDI

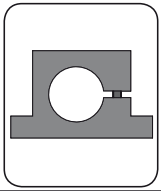


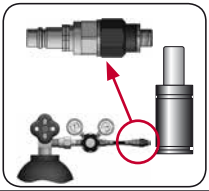










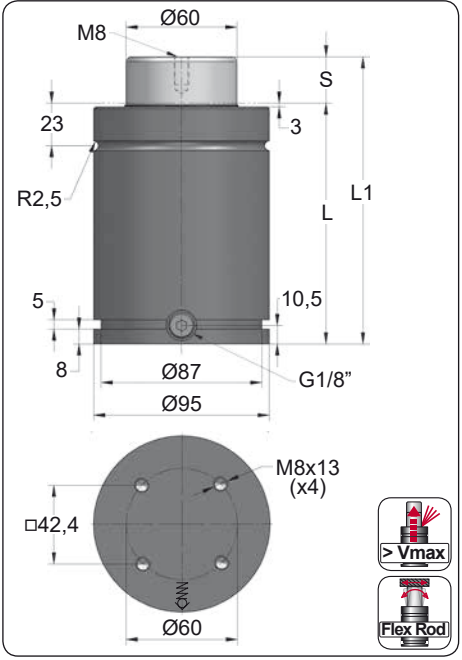


| CODE | | CM 2500 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

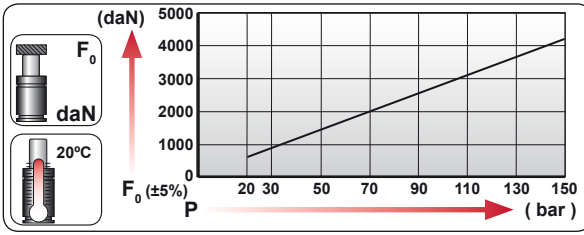
# CM 4000 V1

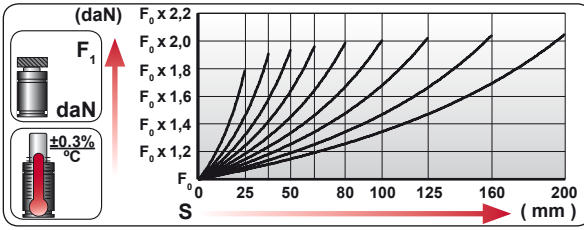
*Heavy Duty*

AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CM 4000 025 V1 | 25 | 155 | 130 | 5.26 |
| CM 4000 038 V1 | 38 | 181 | 143 | 5.63 |
| CM 4000 050 V1 | 50 | 205 | 155 | 5.97 |
| CM 4000 063 V1 | 63 | 236 | 173 | 6.42 |
| CM 4000 080 V1 | 80 | 270 | 190 | 6.91 |
| CM 4000 100 V1 | 100 | 310 | 210 | 7.48 |
| CM 4000 125 V1 | 125 | 370 | 245 | 8.35 |
| CM 4000 160 V1 | 160 | 440 | 280 | 9.35 |
| CM 4000 200 V1 | 200 | 530 | 330 | 10.65 |



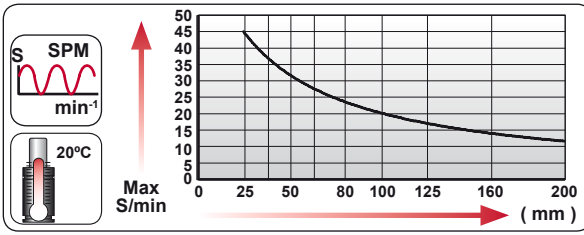

| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| CM 4000 050 V1 | 140 | 2030 | 3960 | 7660 |
| CM-H 4000 050 V1 | 0 | 0 | --- | --- |

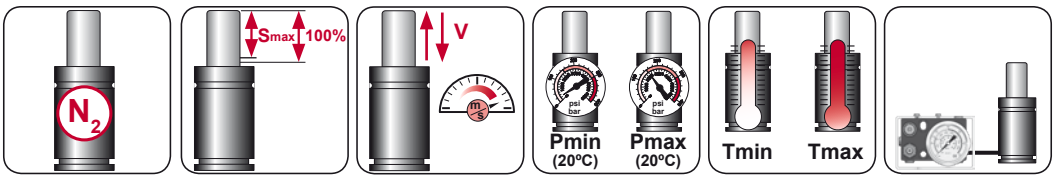
| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN — S mm

CM 4000 50

CM 4000 050 V1



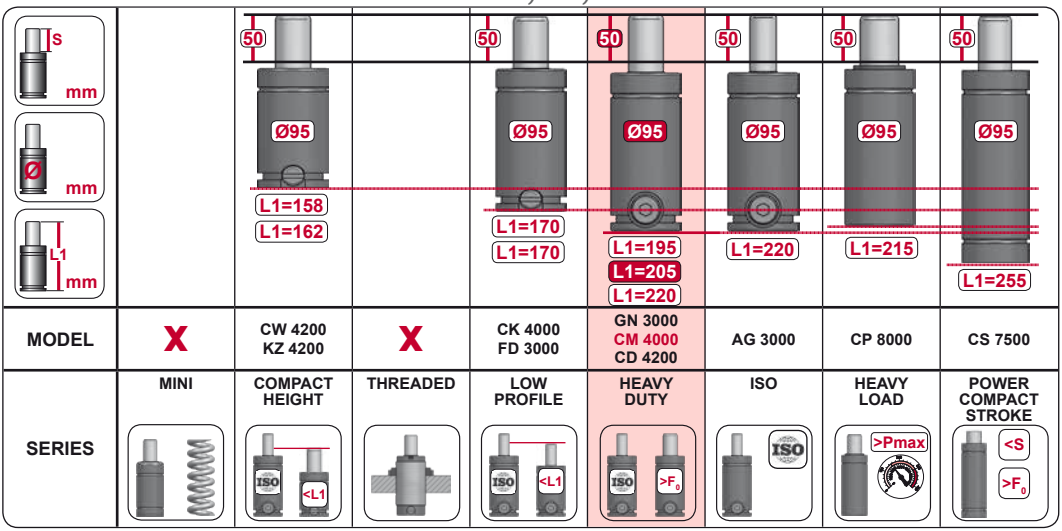




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CM 4000 V1 MOUNTS

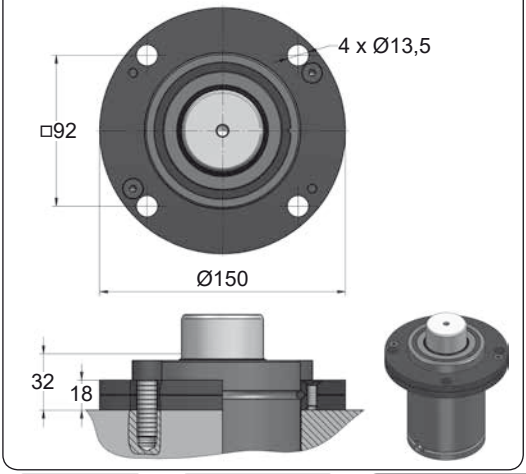
*Heavy Duty*



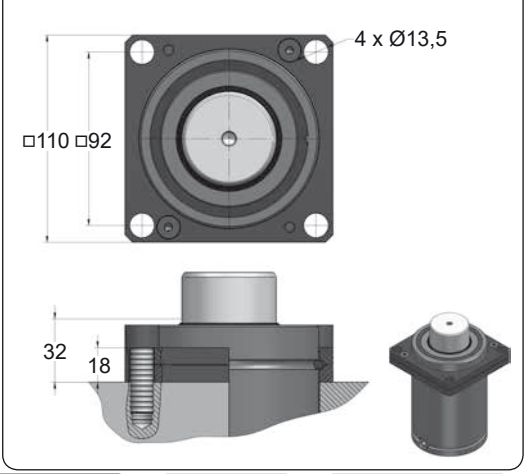

| MODEL | X | CW 4200 KZ 4200 | X | CK 4000 FD 3000 | GN 3000 CM 4000 CD 4200 | AG 3000 | CP 8000 | CS 7500 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-095

E24.54.815.G
EM24.54.700/F




## A34-095

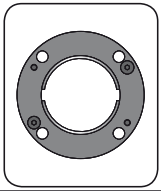


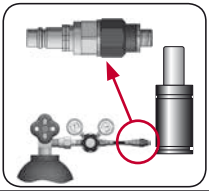












| CODE | | CM 4000 050 V1 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

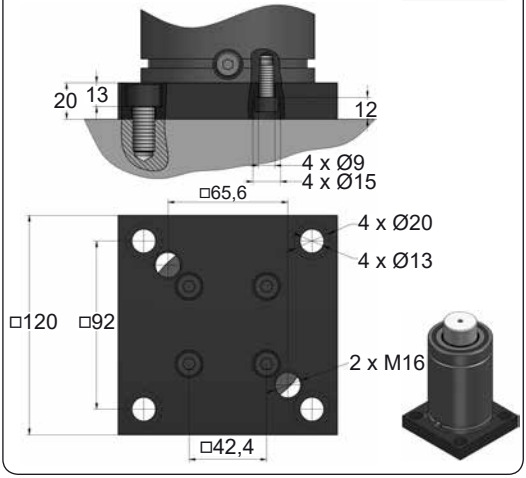
# CM 4000 V1 MOUNTS

*Heavy Duty*

AZOL GAS

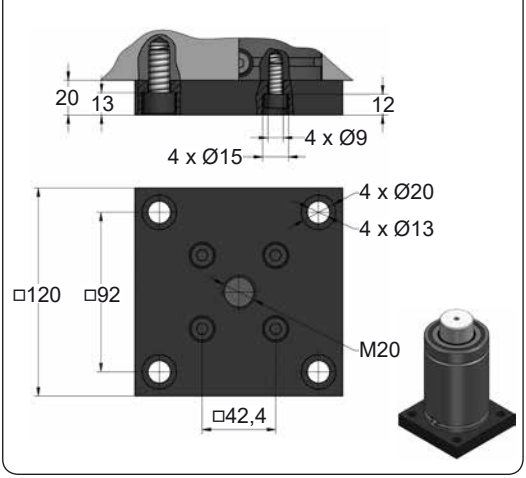
## B21-095

EM24.54.700/F

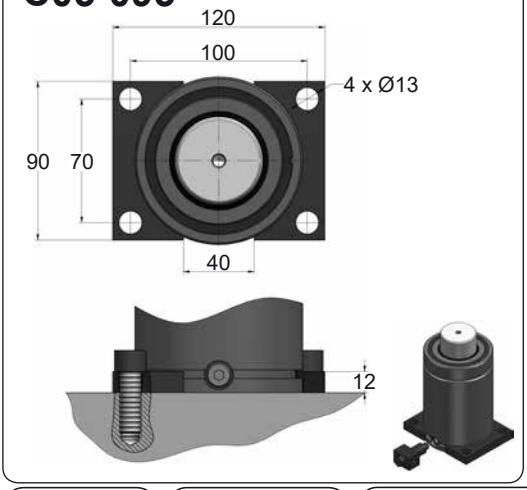



## B76-095

ISO NAASRO VDI EM24.54.700/F

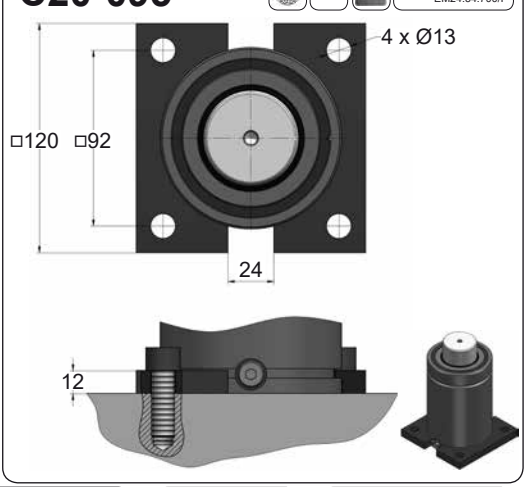



## C05-095




## C20-095

ISO NAASRO VDI E24.54.815.G EM24.54.700/F

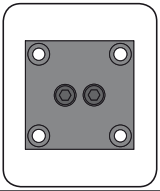


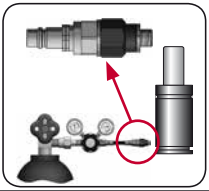












| CODE | | CM 4000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

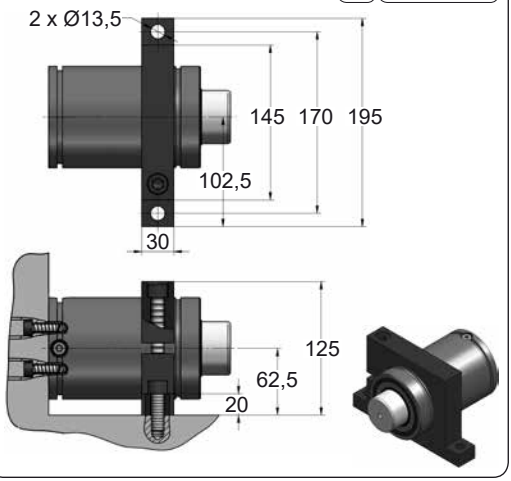
AZOL GAS

# CM 4000 V1 MOUNTS

Heavy Duty

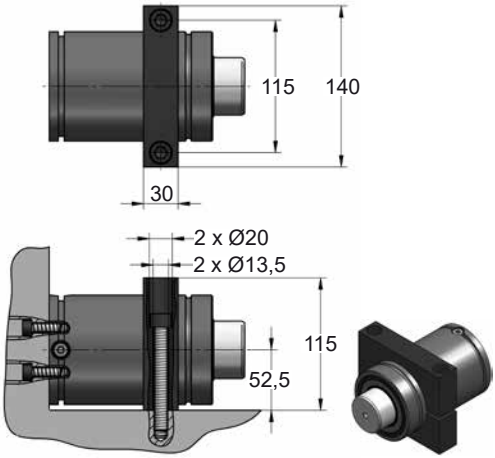
## D02-095

ISO E24.54.815.G EM24.54.700/F




## D67-095

VDI

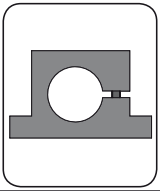


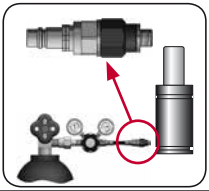










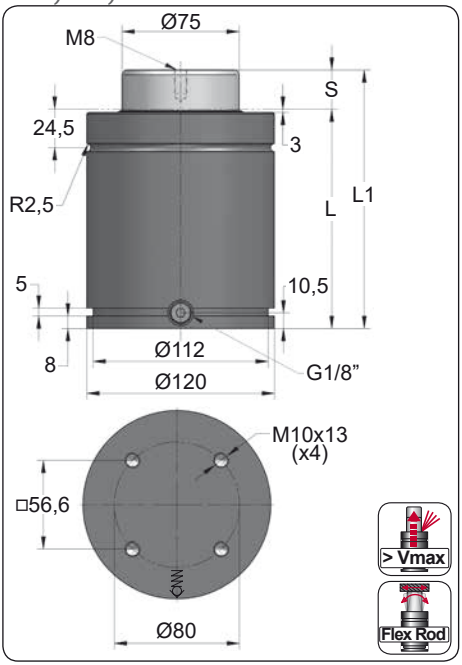


| CODE | | CM 4000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

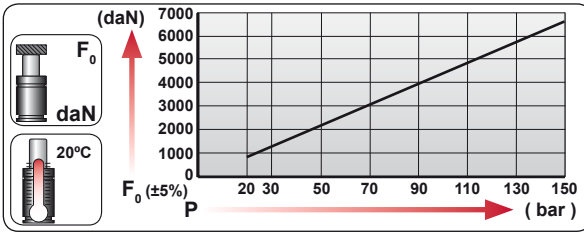
# CM 6500 V1

*Heavy Duty*

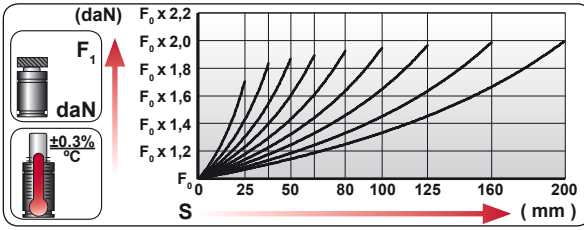
AZOL GAS



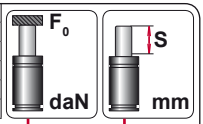

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CM 6500 025 V1 | 25 | 165 | 140 | 9.26 |
| CM 6500 038 V1 | 38 | 191 | 153 | 9.86 |
| CM 6500 050 V1 | 50 | 215 | 165 | 10.42 |
| CM 6500 063 V1 | 63 | 241 | 178 | 11.02 |
| CM 6500 080 V1 | 80 | 275 | 195 | 11.81 |
| CM 6500 100 V1 | 100 | 315 | 215 | 12.74 |
| CM 6500 125 V1 | 125 | 375 | 250 | 14.17 |
| CM 6500 160 V1 | 160 | 450 | 290 | 15.93 |
| CM 6500 200 V1 | 200 | 540 | 340 | 18.05 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CM 6500 050 V1 | 145 | 2105 | 6405 | 11950 |
| CM-H 6500 050 V1 | 0 | 0 | --- | --- |

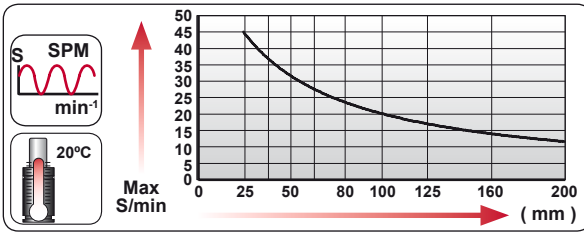


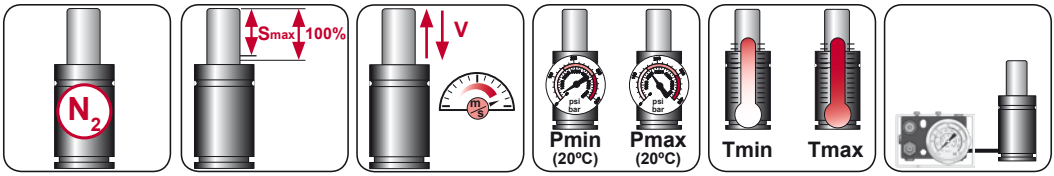

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CM 6500 50

CM 6500 050 V1



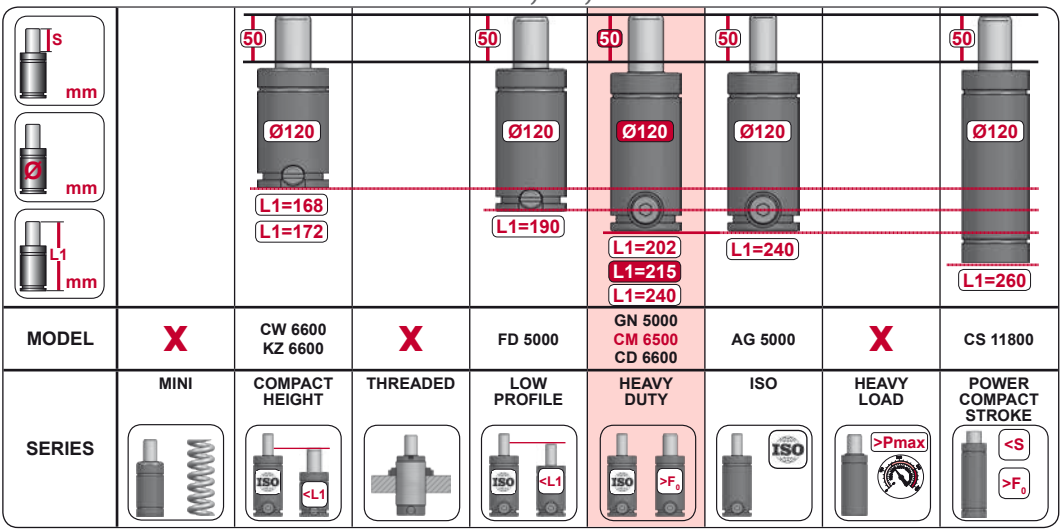




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CM 6500 V1 MOUNTS

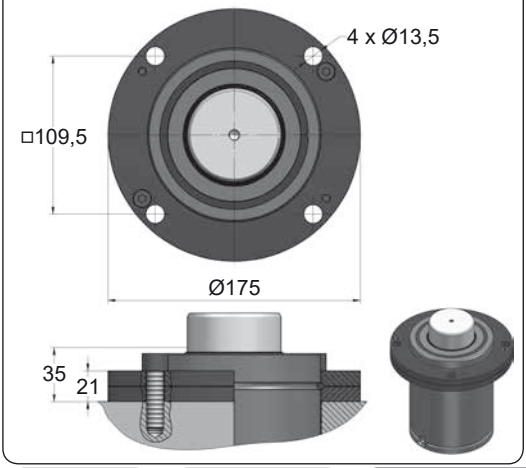
*Heavy Duty*




| MODEL | X | CW 6600 KZ 6600 | X | FD 5000 | GN 5000 CM 6500 CD 6600 | AG 5000 | X | CS 11800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

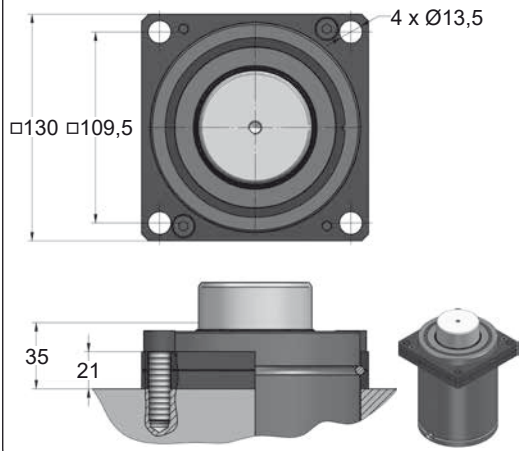
## A14-120

ISO E24.54.815.G EM24.54.700/F




## A34-120

ISO VDI

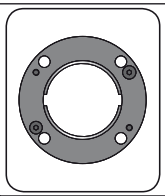


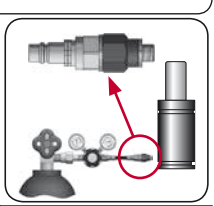












| CODE | | CM 6500 050 V1 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

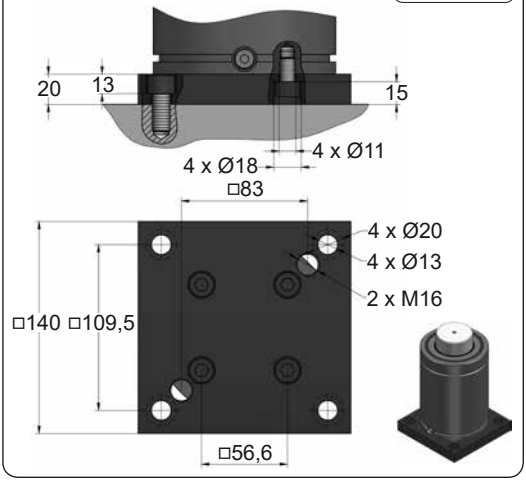
# CM 6500 V1 *MOUNTS*

*Heavy Duty*

AZOL GAS

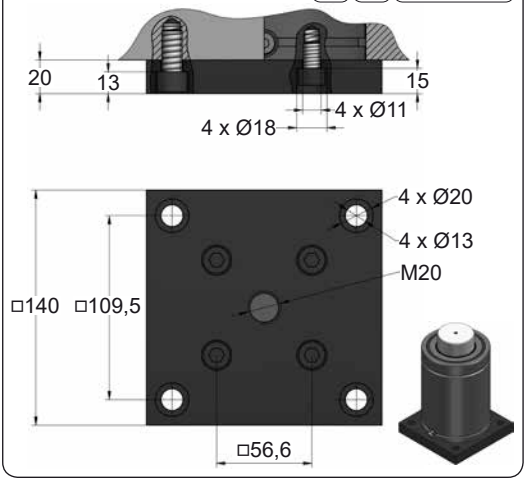
## B21-120

EM24.54.700/F

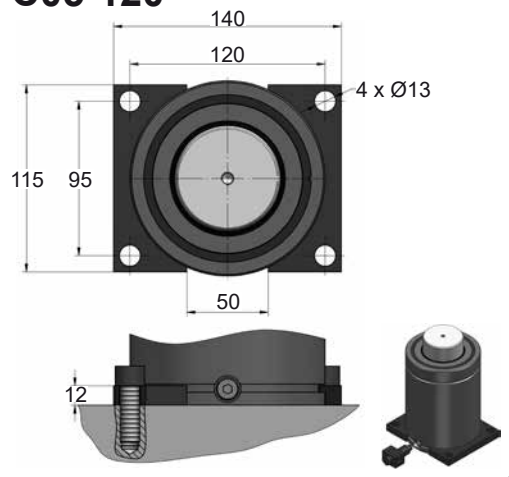



## B76-120

ISO DIN EM24.54.700/F

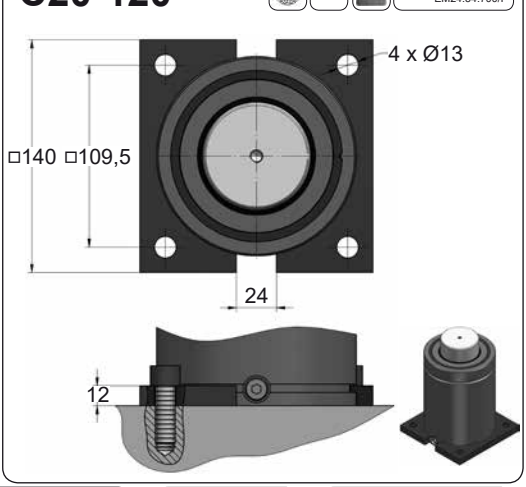



## C05-120




## C20-120

ISO DIN VDI E24.54.815.G EM24.54.700/F

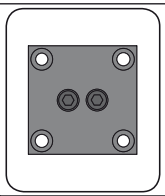


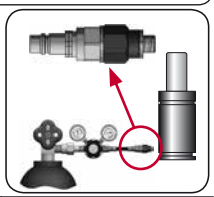












| CODE | | CM 6500 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

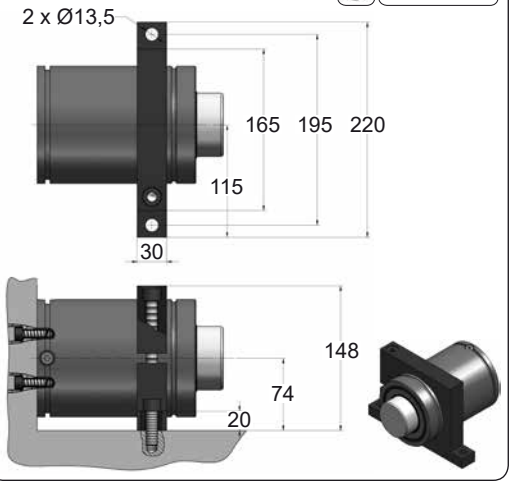
AZOL GAS

# CM 6500 V1 MOUNTS

Heavy Duty

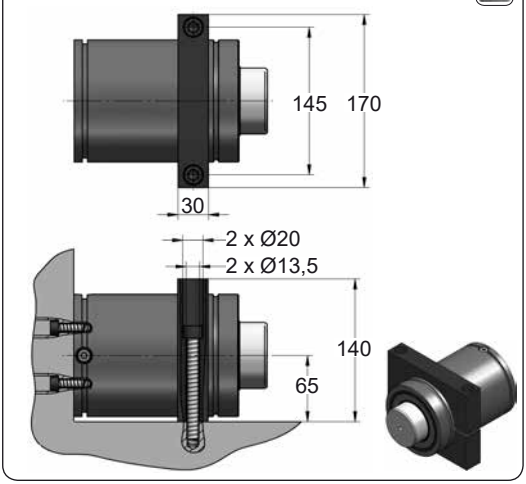
## D02-120

ISO E24.54.815.G EM24.54.700/F




## D67-120

VDI

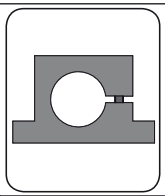


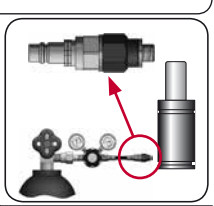










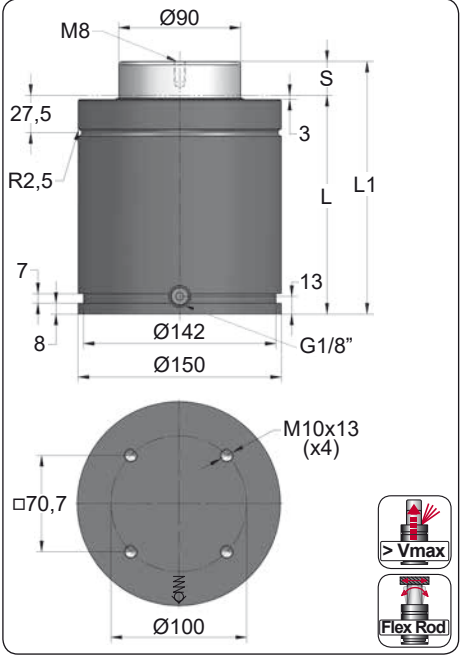


| CODE | | CM 6500 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

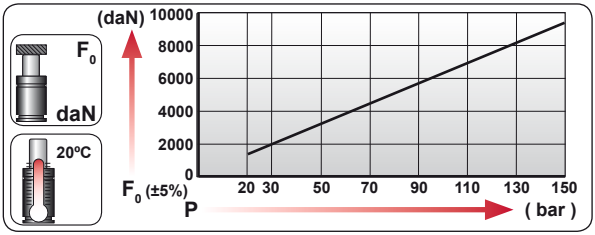
# CM 10000

*Heavy Duty*

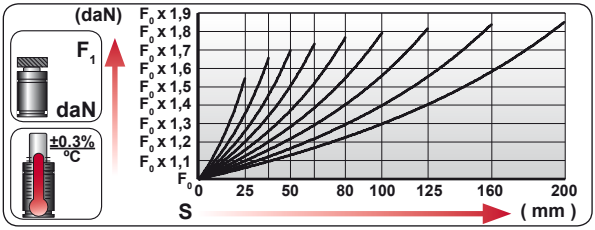
AZOL GAS



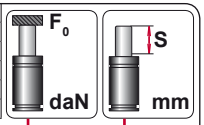

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CM 10000 025 | 25 | 186 | 161 | 16.39 |
| CM 10000 038 | 38 | 212 | 174 | 17.25 |
| CM 10000 050 | 50 | 236 | 186 | 18.04 |
| CM 10000 063 | 63 | 262 | 199 | 18.91 |
| CM 10000 080 | 80 | 296 | 216 | 20.03 |
| CM 10000 100 | 100 | 336 | 236 | 21.36 |
| CM 10000 125 | 125 | 386 | 261 | 23.02 |
| CM 10000 160 | 160 | 456 | 296 | 25.34 |
| CM 10000 200 | 200 | 536 | 336 | 27.99 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CM 10000 050 | 150 | 2175 | 9540 | 16200 |
| CM-H 10000 050 | 0 | 0 | --- | --- |

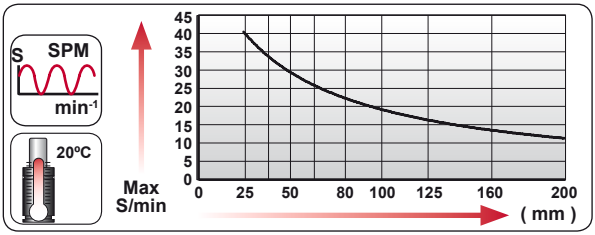


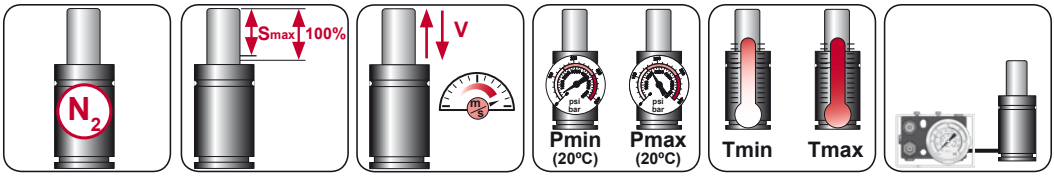

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CM 10000 50

CM 10000 050



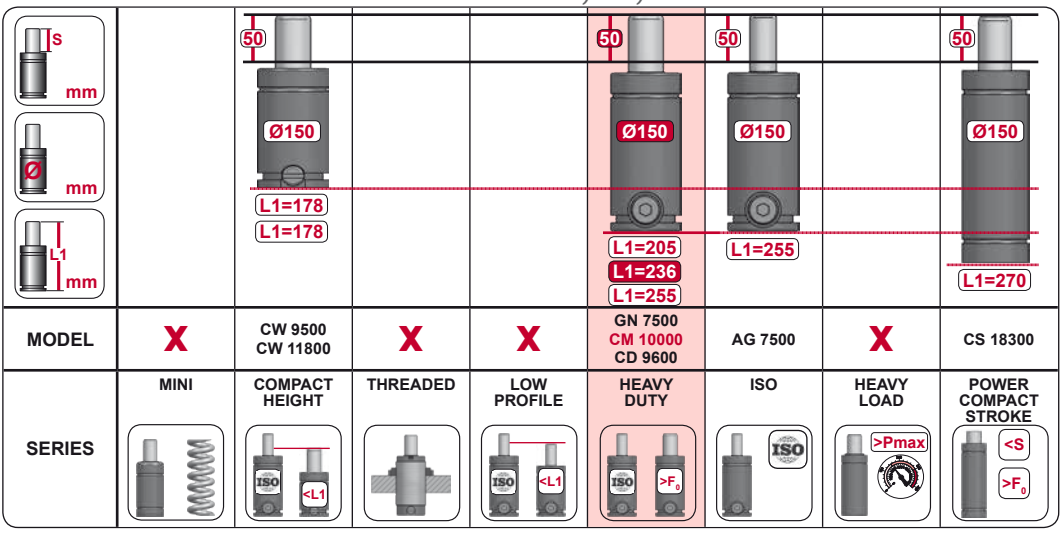




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 160 2320 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CM 10000 MOUNTS

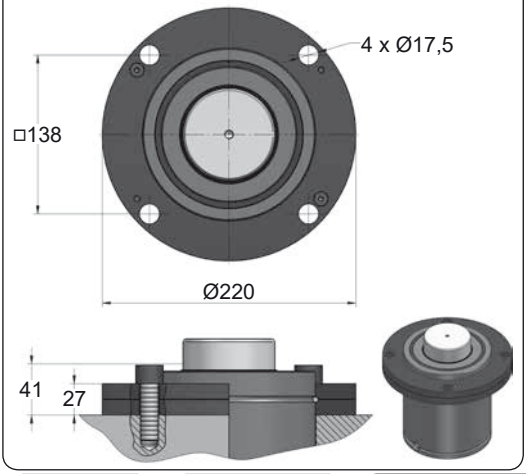
*Heavy Duty*




| MODEL | X | CW 9500 CW 11800 | X | X | GN 7500 CM 10000 CD 9600 | AG 7500 | X | CS 18300 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

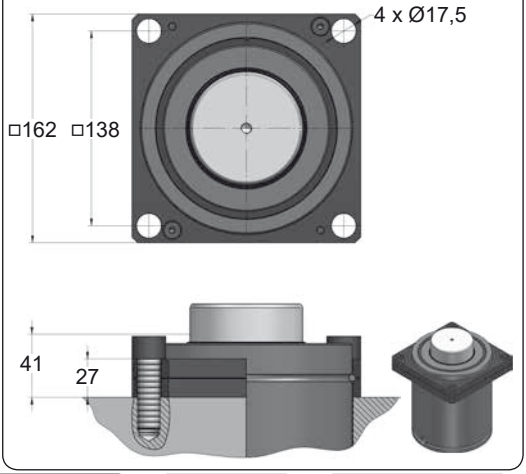
## A14-150

ISO E24.54.815.G EM24.54.700/F




## A34-150

ISO VDI

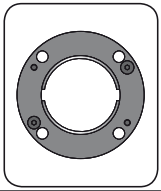


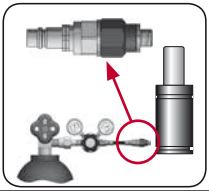












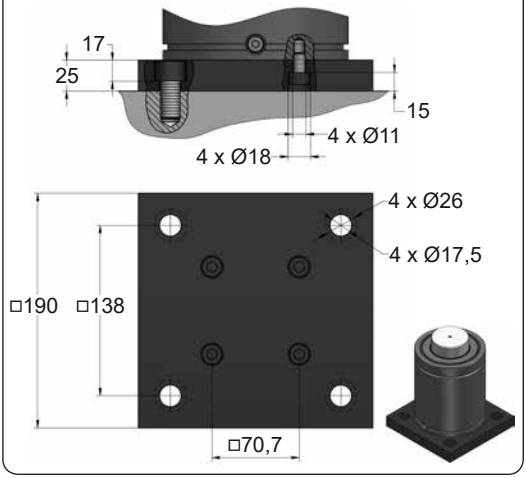
| CODE | | CM 10000 050 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CM 10000 MOUNTS

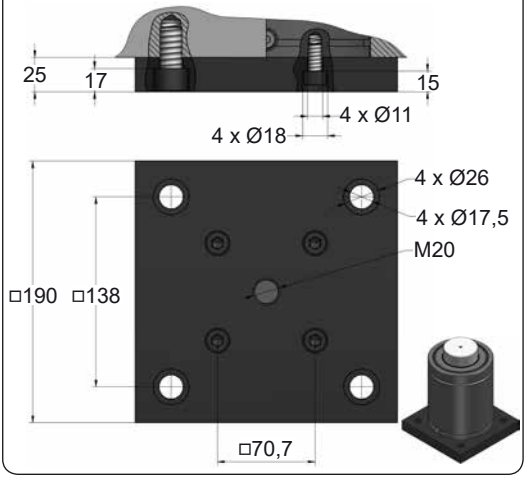
*Heavy Duty*

AZOL GAS

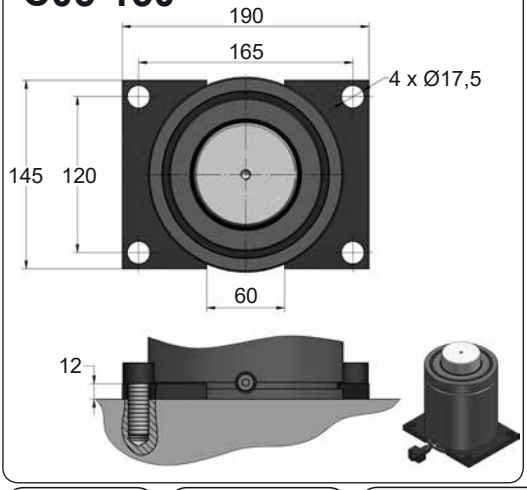
## B21-150




## B76-150

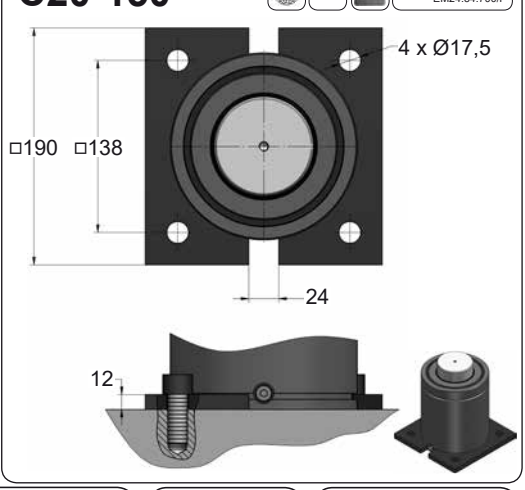



## C05-150




## C20-150

E24.54.815.G
EM24.54.700/F

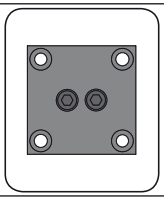


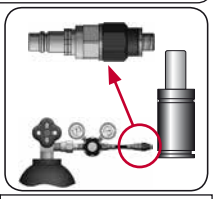












| CODE | | CM 10000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

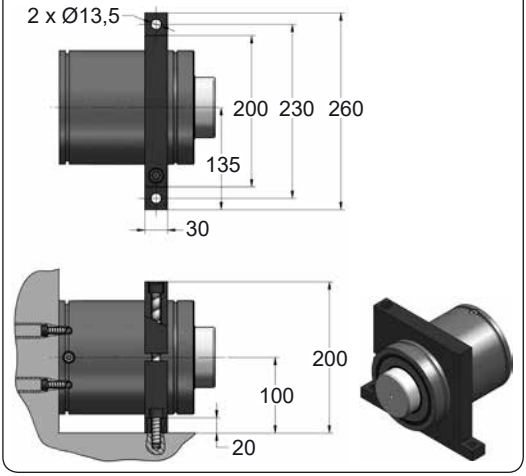
AZOL GAS

# CM 10000 MOUNTS

*Heavy Duty*

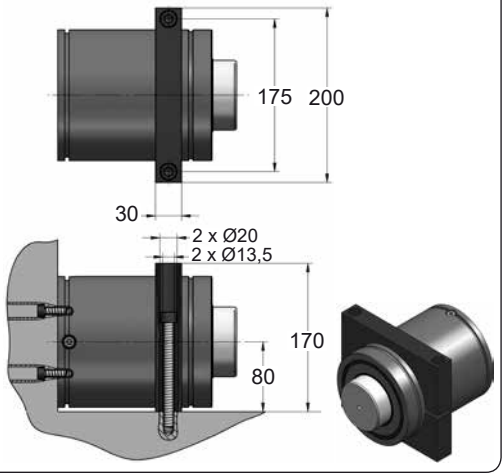
## D02-150

ISO E24.54.815.G




## D67-150

VDI

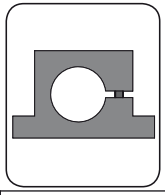


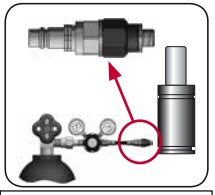










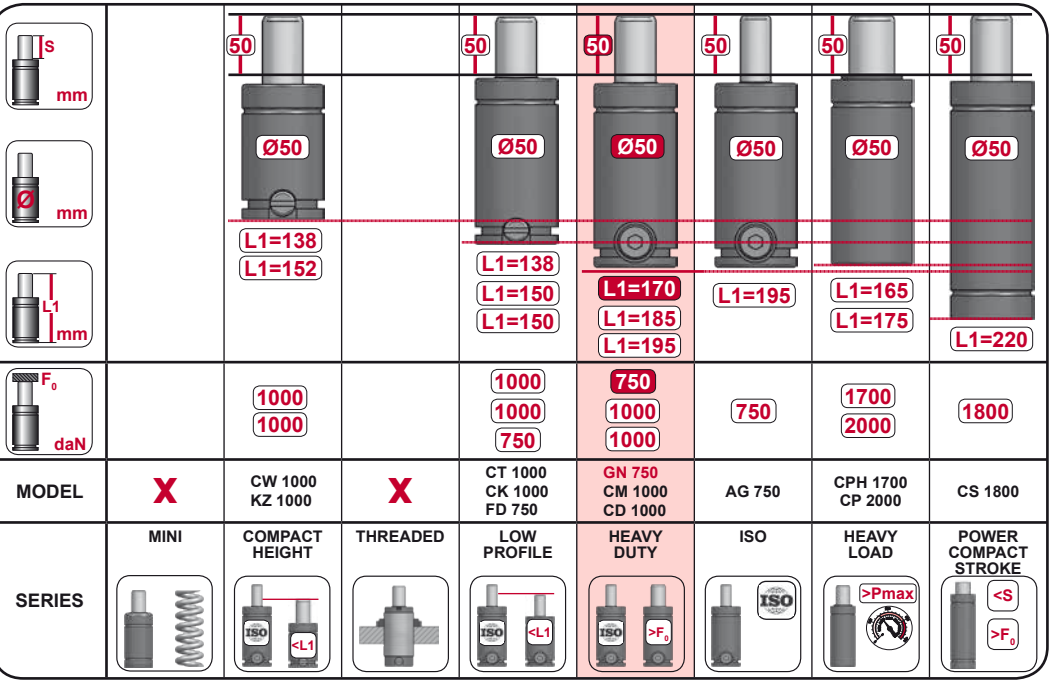


| CODE | | CM 10000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# GN HEAVY DUTY SMALL

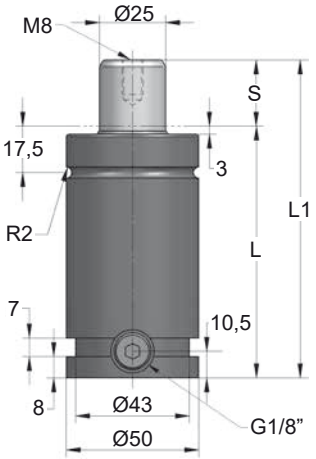
| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| GN 750 | 750 | Ø50 | 12.5 - 200 | 95 - 470 | 150 | G1/8" | ✔ | ✔ |
| GN 1500 | 1500 | Ø75 | 25 - 250 | 135 - 585 | 150 | G1/8" | ✔ | ✔ |
| GN 3000 | 3000 | Ø95 | 25 - 250 | 145 - 595 | 150 | G1/8" | ✔ | ✔ |
| GN 5000 | 5000 | Ø120 | 25 - 250 | 152.5 - 602.5 | 150 | G1/8" | ✔ | ✔ |
| GN 7500 | 7500 | Ø150 | 25 - 250 | 155 - 605 | 150 | G1/8" | ✔ | ✔ |

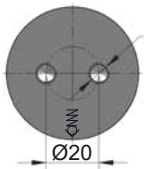


# GN 750

*Heavy Duty*

AZOL GAS

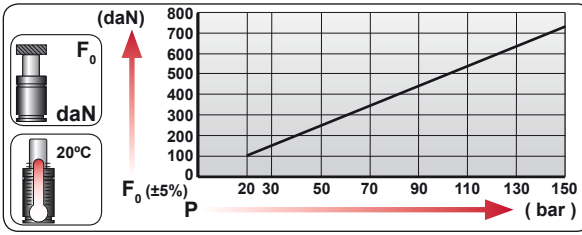


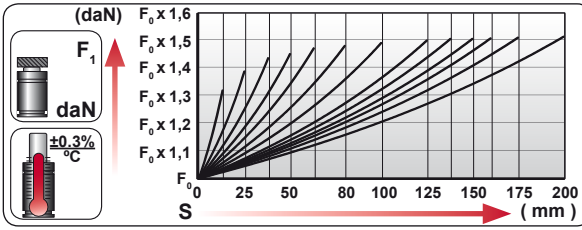







| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| GN 750 012 | 12.5 | 95 | 82.5 | 0.98 |
| GN 750 025 | 25 | 120 | 95 | 1.08 |
| GN 750 037 | 37.5 | 145 | 107.5 | 1.18 |
| GN 750 050 | 50 | 170 | 120 | 1.29 |
| GN 750 062 | 62.5 | 195 | 132.5 | 1.39 |
| GN 750 080 | 80 | 230 | 150 | 1.53 |
| GN 750 100 | 100 | 270 | 170 | 1.70 |
| GN 750 125 | 125 | 320 | 195 | 1.90 |
| GN 750 137 | 137.5 | 345 | 207.5 | 2.00 |
| GN 750 150 | 150 | 370 | 220 | 2.11 |
| GN 750 160 | 160 | 390 | 230 | 2.19 |
| GN 750 175 | 175 | 420 | 245 | 2.31 |
| GN 750 200 | 200 | 470 | 270 | 2.52 |

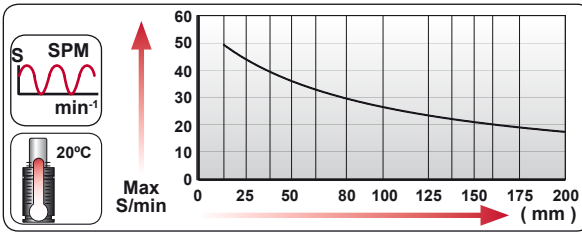


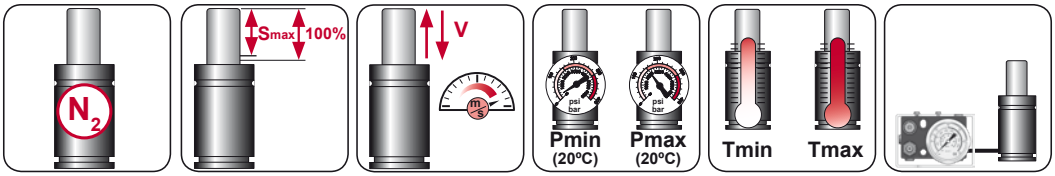




| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| GN 750 050 | | 150 | 2175 | 740 | 1030 |
| GN-H 750 050 | | 0 | 0 | --- | --- |

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



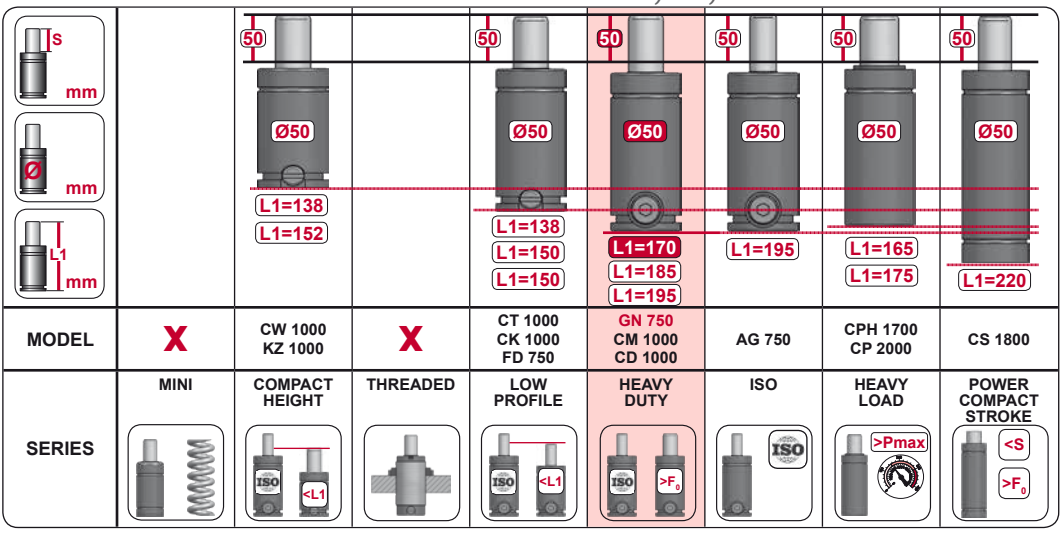




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# GN 750 MOUNTS

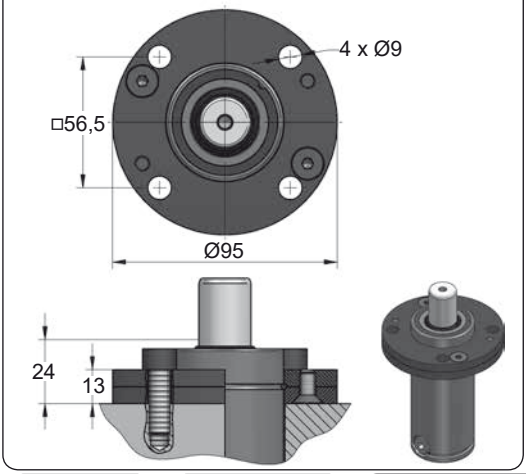
*Heavy Duty*




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MODEL | X | CW 1000<br>KZ 1000 | X | CT 1000<br>CK 1000<br>FD 750 | GN 750<br>CM 1000<br>CD 1000 | AG 750 | CPH 1700<br>CP 2000 | CS 1800 |
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

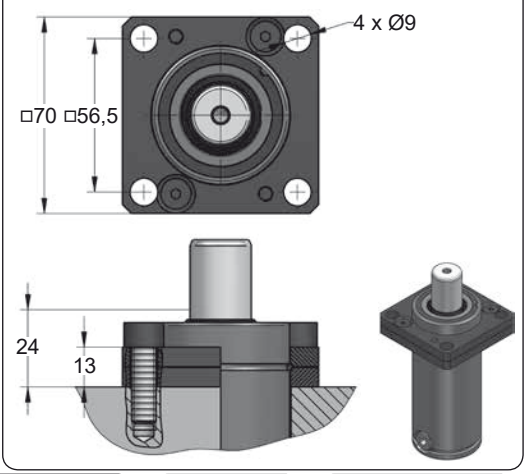
## A14-050

ISO E24.54.815.G EM24.54.700/F




## A34-050

ISO VDI

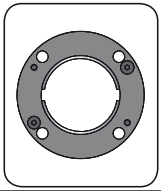


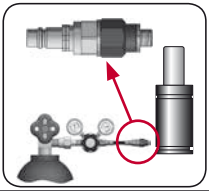












| CODE | | GN 750 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

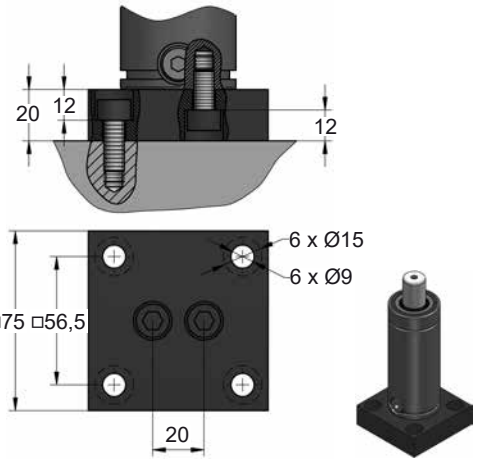
# GN 750 MOUNTS

*Heavy Duty*

AZOL GAS

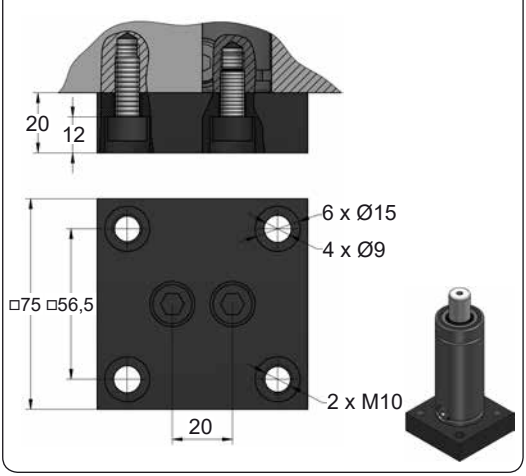
## B21-050

EM24.54.700/F

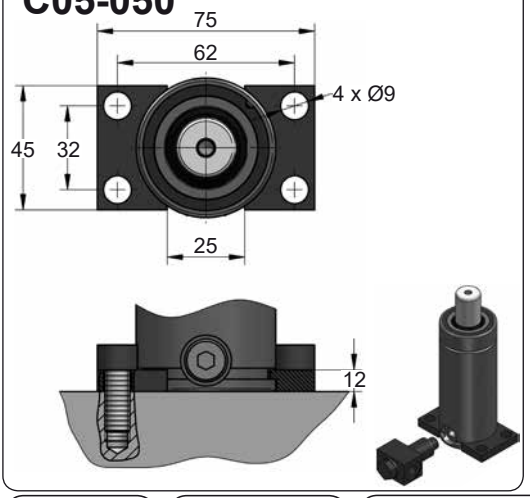



## B76-050

ISO E24.54.815.G EM24.54.700/F

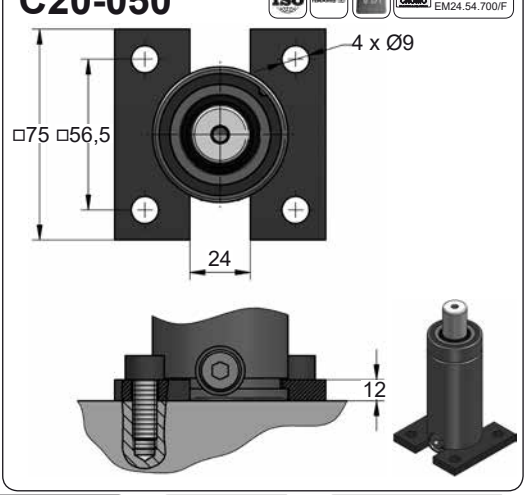



## C05-050




## C20-050

ISO VDI E24.54.815.G EM24.54.700/F

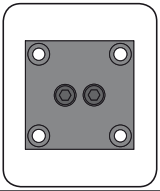


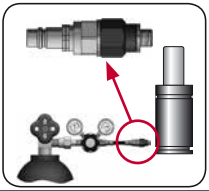












| CODE | | GN 750 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

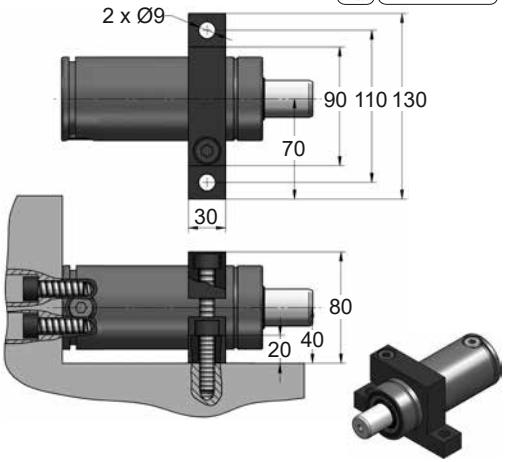
AZOL GAS

# GN 750 MOUNTS

*Heavy Duty*

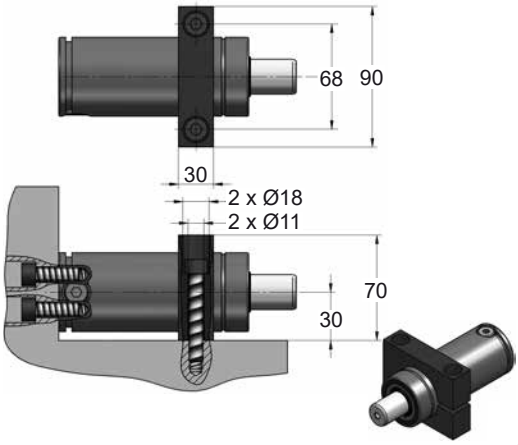
## D02-050

ISO E24.54.815.G
EM24.54.700/F




## D67-050

VDI

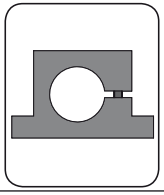


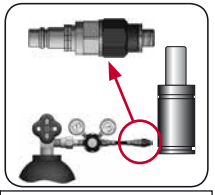










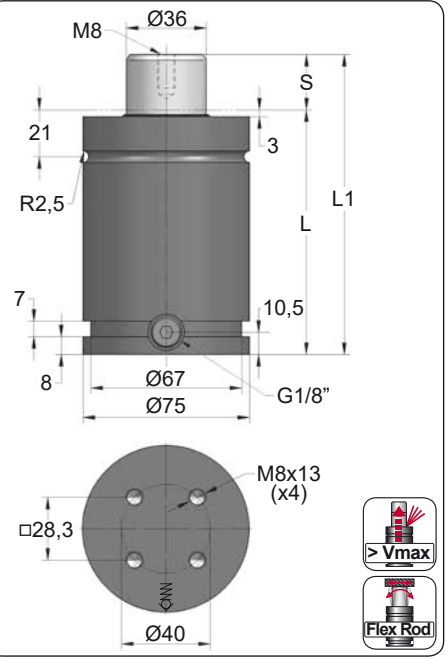


| CODE | | GN 750 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

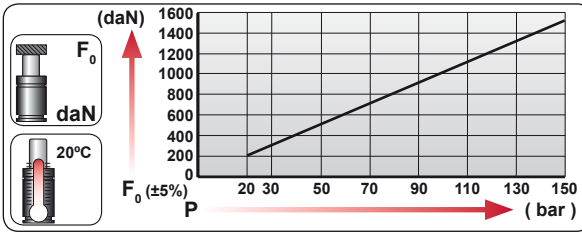
# GN 1500

*Heavy Duty*

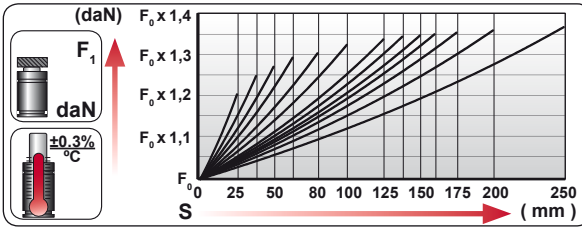
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| GN 1500 025 | 25 | 135 | 110 | 2.75 |
| GN 1500 037 | 37.5 | 160 | 122.5 | 2.93 |
| GN 1500 050 | 50 | 185 | 135 | 3.12 |
| GN 1500 062 | 62.5 | 210 | 147.5 | 3.30 |
| GN 1500 080 | 80 | 245 | 165 | 3.55 |
| GN 1500 100 | 100 | 285 | 185 | 3.85 |
| GN 1500 125 | 125 | 335 | 210 | 4.21 |
| GN 1500 137 | 137.5 | 360 | 222.5 | 4.40 |
| GN 1500 150 | 150 | 385 | 235 | 4.58 |
| GN 1500 160 | 160 | 405 | 245 | 4.73 |
| GN 1500 175 | 175 | 435 | 260 | 4.95 |
| GN 1500 200 | 200 | 485 | 285 | 5.31 |
| GN 1500 250 | 250 | 585 | 335 | 6.05 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| GN 1500 050 | 150 | 2175 | 1530 | 1920 |
| GN-H 1500 050 | 0 | 0 | --- | --- |

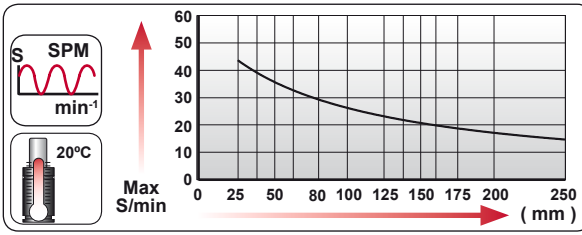


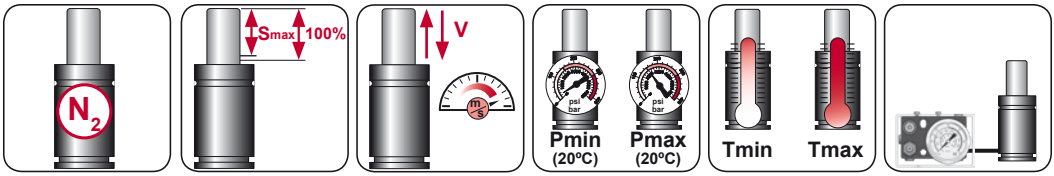

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

GN 1500 50

GN 1500 050



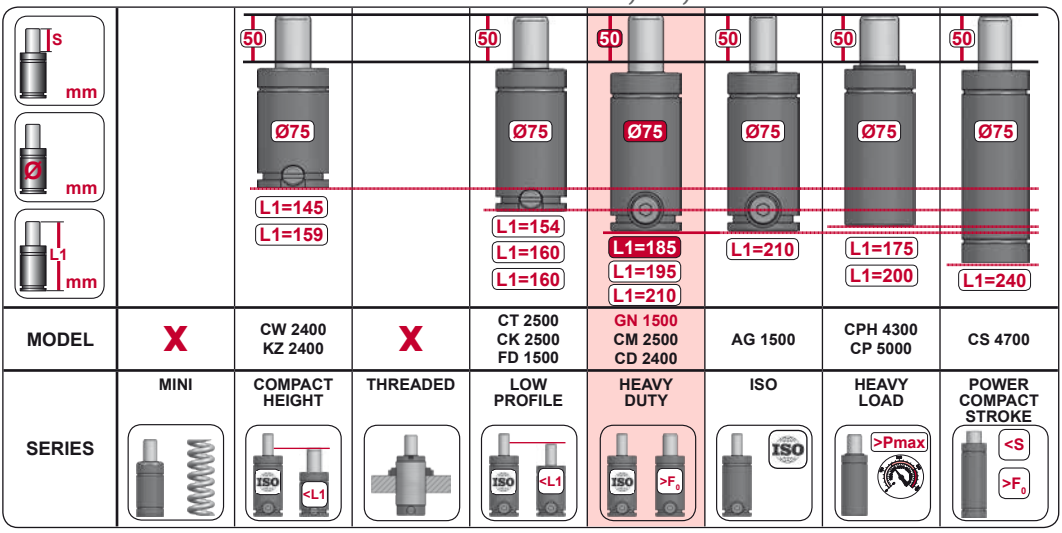




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# GN 1500 MOUNTS

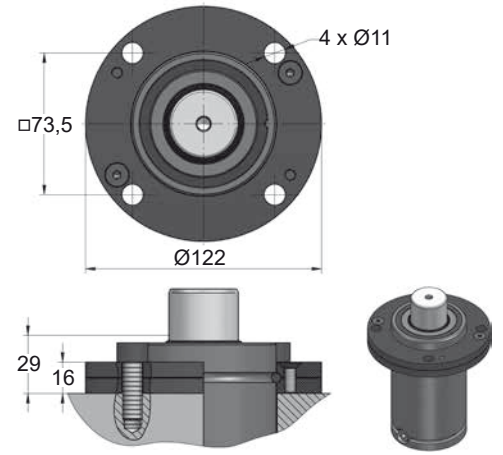
*Heavy Duty*




| MODEL | X | CW 2400 KZ 2400 | X | CT 2500 CK 2500 FD 1500 | GN 1500 CM 2500 CD 2400 | AG 1500 | CPH 4300 CP 5000 | CS 4700 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

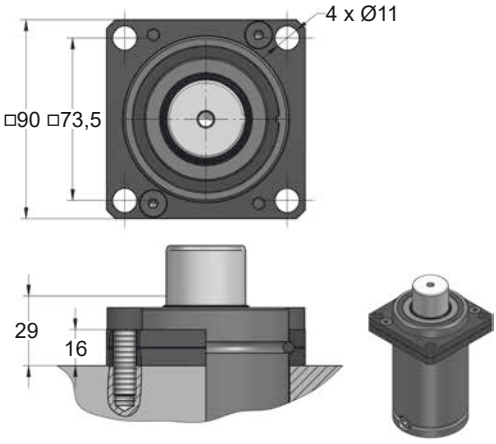
## A14-075

ISO E24.54.815.G EM24.54.700/F




## A34-075

ISO VDI







| CODE | | GN 1500 050 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

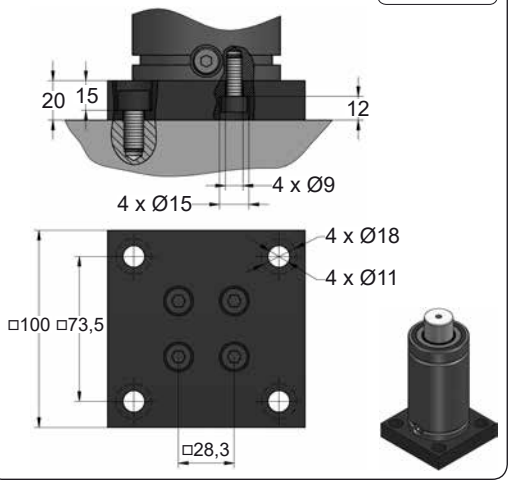
# GN 1500 MOUNTS

*Heavy Duty*

AZOL GAS

## B21-075

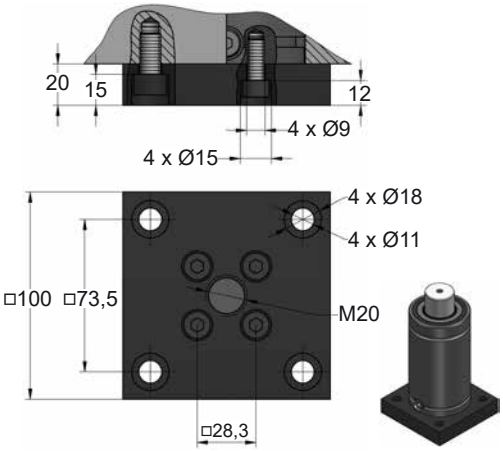
EM24.54.700/F



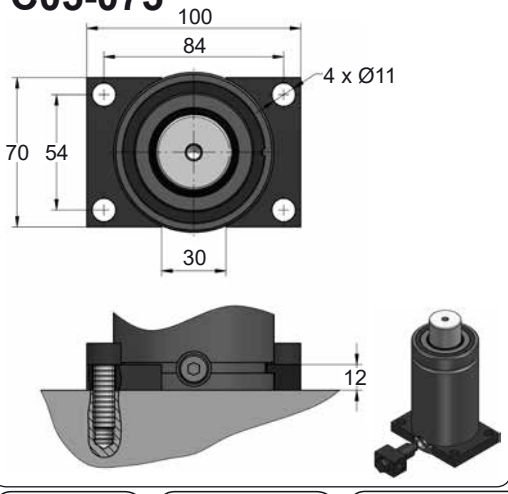

## B76-075

ISO

E24.54.815.G
EM24.54.700/F



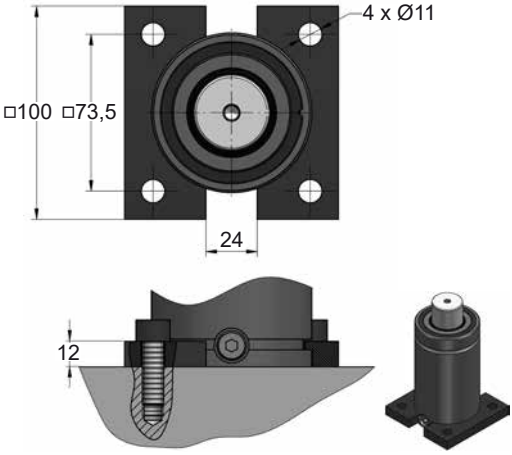

## C05-075




## C20-075

ISO VDI

E24.54.815.G
EM24.54.700/F

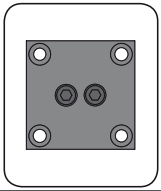


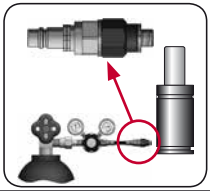












| CODE | | GN 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

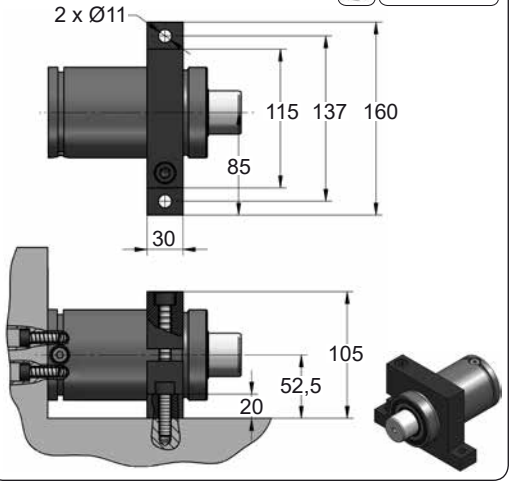
AZOL GAS

# GN 1500 MOUNTS

Heavy Duty

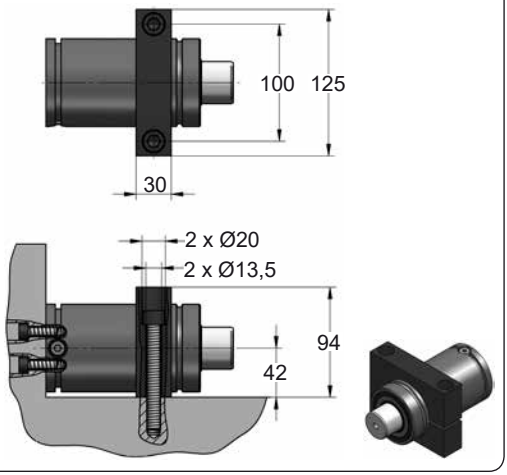
## D02-075

ISO E24.54.815.G EM24.54.700/F




## D67-075

VDI

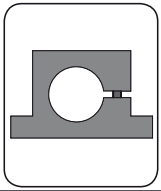


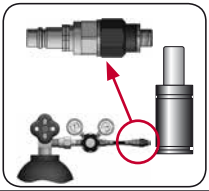










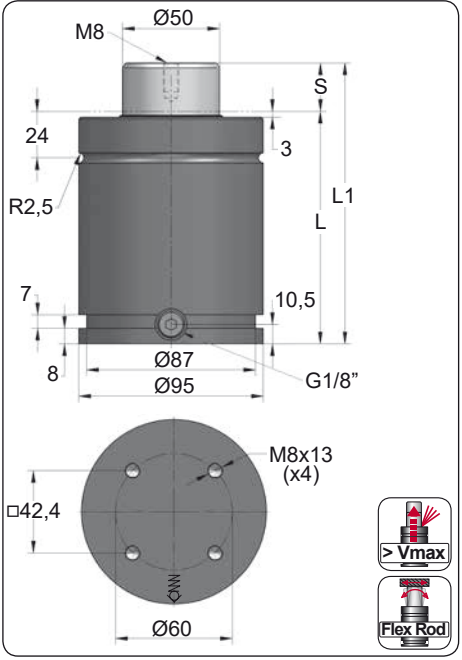


| CODE | | GN 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

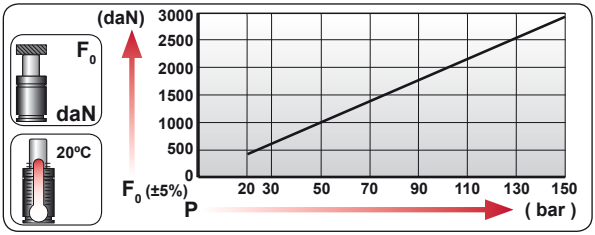
# GN 3000

*Heavy Duty*

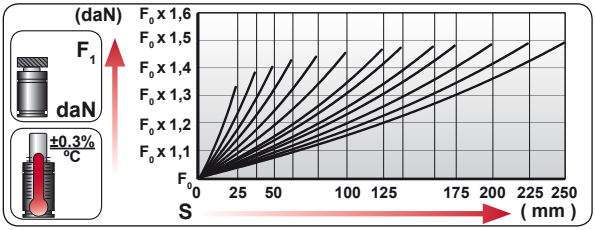
AZOL GAS



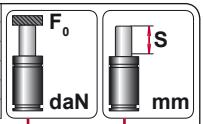

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| GN 3000 025 | 25 | 145 | 120 | 5.09 |
| GN 3000 037 | 37.5 | 170 | 132.5 | 5.41 |
| GN 3000 050 | 50 | 195 | 145 | 5.74 |
| GN 3000 062 | 62.5 | 220 | 157.5 | 6.06 |
| GN 3000 080 | 80 | 255 | 175 | 6.52 |
| GN 3000 100 | 100 | 295 | 195 | 7.04 |
| GN 3000 125 | 125 | 345 | 220 | 7.69 |
| GN 3000 137 | 137.5 | 370 | 232.5 | 8.02 |
| GN 3000 160 | 160 | 415 | 255 | 8.60 |
| GN 3000 175 | 175 | 445 | 270 | 8.99 |
| GN 3000 200 | 200 | 495 | 295 | 9.65 |
| GN 3000 225 | 225 | 545 | 320 | 10.30 |
| GN 3000 250 | 250 | 595 | 345 | 10.95 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| GN 3000 050 | 150 | 2175 | 2945 | 3800 |
| GN-H 3000 050 | 0 | 0 | --- | --- |

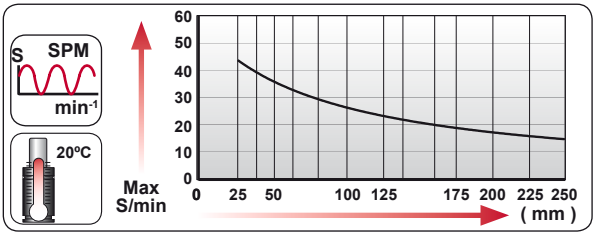


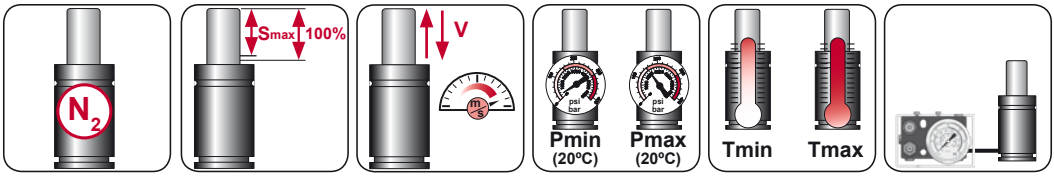

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




GN 3000 50

GN 3000 050



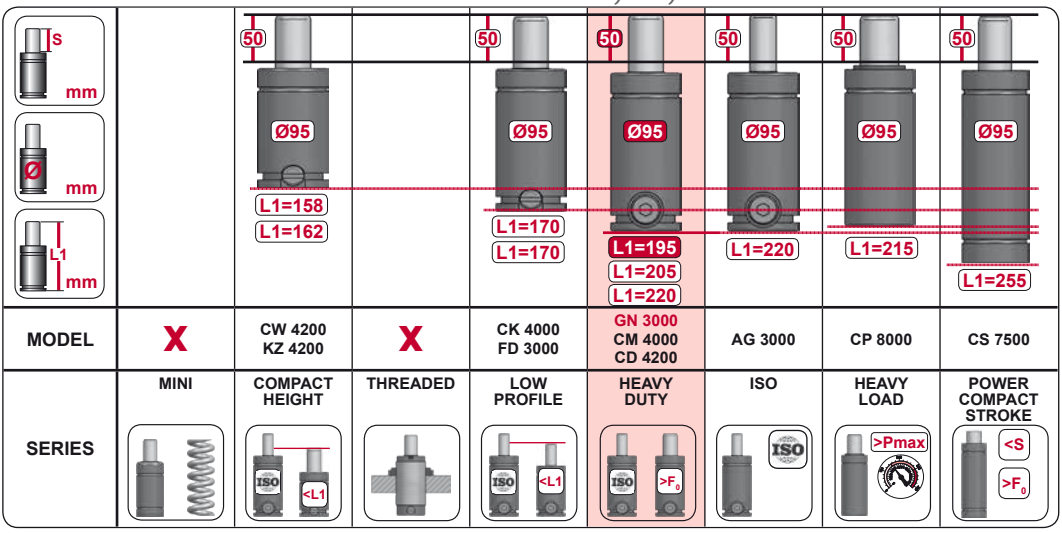




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# GN 3000 MOUNTS

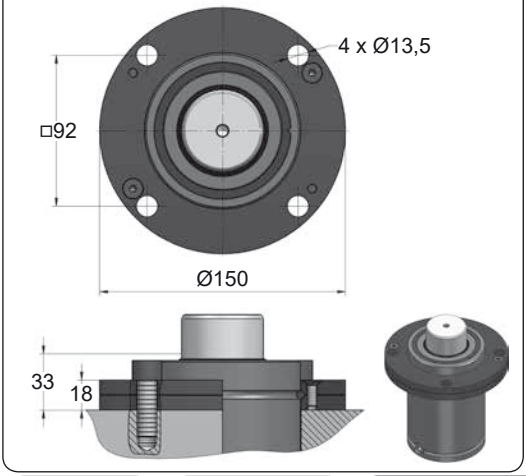
*Heavy Duty*




| MODEL | X | CW 4200 KZ 4200 | X | CK 4000 FD 3000 | GN 3000 CM 4000 CD 4200 | AG 3000 | CP 8000 | CS 7500 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

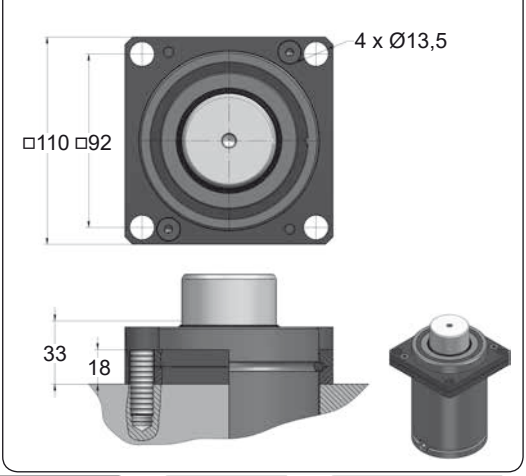
## A14-095

ISO E24.54.815.G EM24.54.700/F




## A34-095

ISO VDI

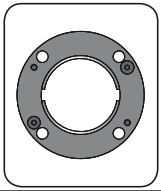


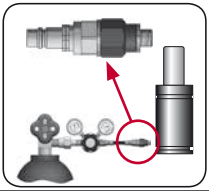












| CODE | | GN 3000 050 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

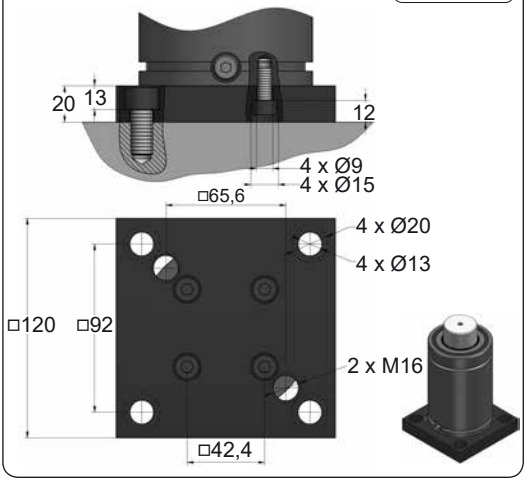
# GN 3000 MOUNTS

*Heavy Duty*

AZOL GAS

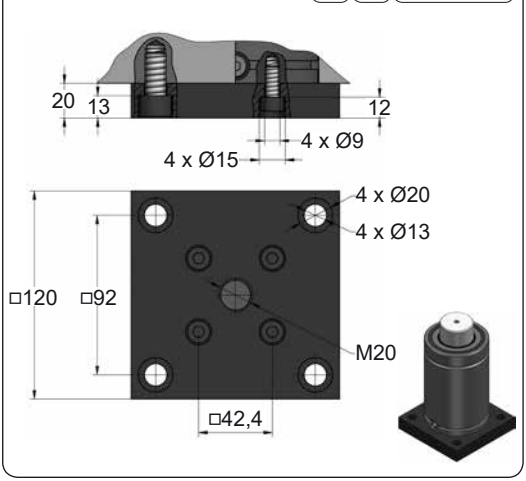
## B21-095

EM24.54.700/F

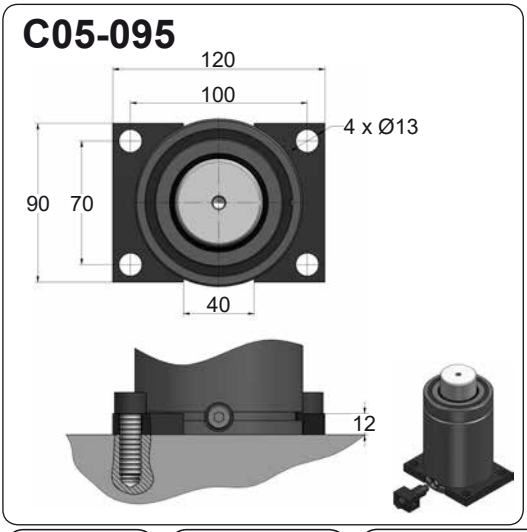



## B76-095

ISO NAAMS EM24.54.700/F

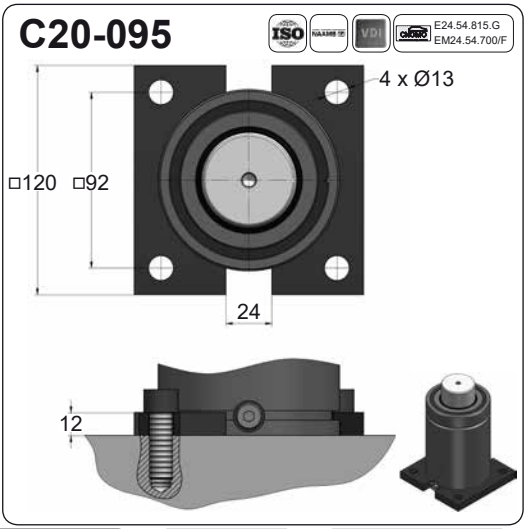



## C05-095




## C20-095

ISO NAAMS VDI E24.54.815.G EM24.54.700/F

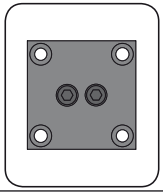


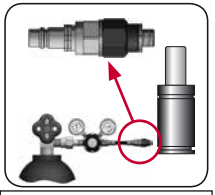












| CODE | | GN 3000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

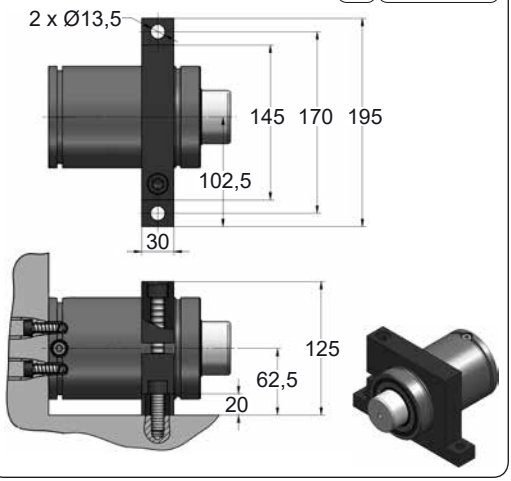
AZOL GAS

# GN 3000 MOUNTS

*Heavy Duty*

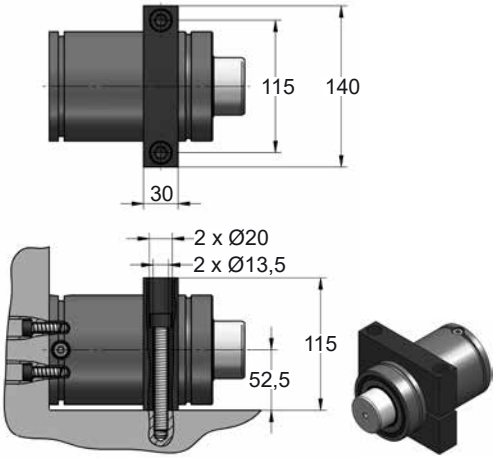
## D02-095

ISO E24.54.815.G EM24.54.700/F




## D67-095

VDI

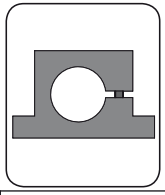


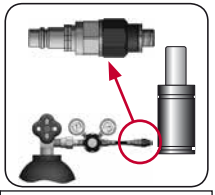










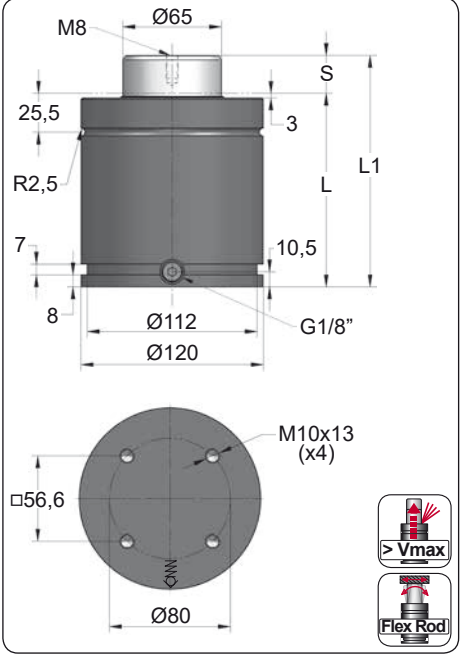


| CODE | | GN 3000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

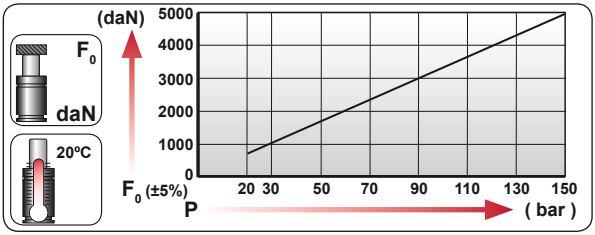
# GN 5000

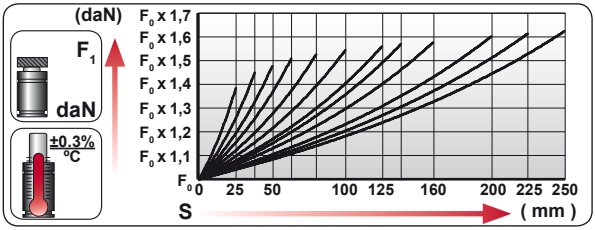
*Heavy Duty*

AZOL GAS



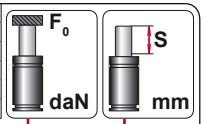

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| GN 5000 025 | 25 | 152.5 | 127.5 | 8.27 |
| GN 5000 037 | 37.5 | 177.5 | 140 | 8.78 |
| GN 5000 050 | 50 | 202.5 | 152.5 | 9.29 |
| GN 5000 062 | 62.5 | 227.5 | 165 | 9.79 |
| GN 5000 080 | 80 | 262.5 | 182.5 | 10.51 |
| GN 5000 100 | 100 | 302.5 | 202.5 | 11.32 |
| GN 5000 125 | 125 | 352.5 | 227.5 | 12.34 |
| GN 5000 137 | 137.5 | 377.5 | 240 | 12.85 |
| GN 5000 160 | 160 | 422.5 | 262.5 | 13.76 |
| GN 5000 200 | 200 | 502.5 | 302.5 | 15.39 |
| GN 5000 225 | 225 | 552.5 | 327.5 | 16.41 |
| GN 5000 250 | 250 | 602.5 | 352.5 | 17.42 |

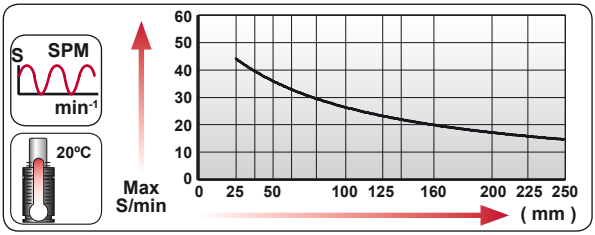


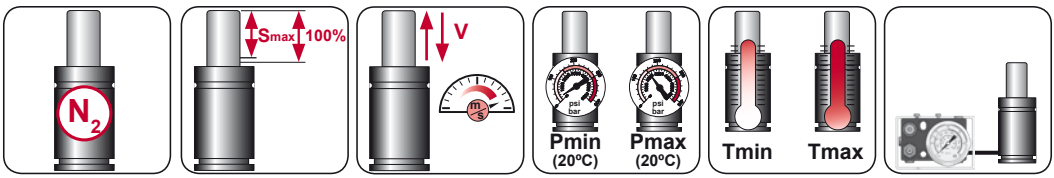




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| GN 5000 050 | 150 | 2175 | 4980 | 7355 |
| GN-H 5000 050 | 0 | 0 | --- | --- |

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



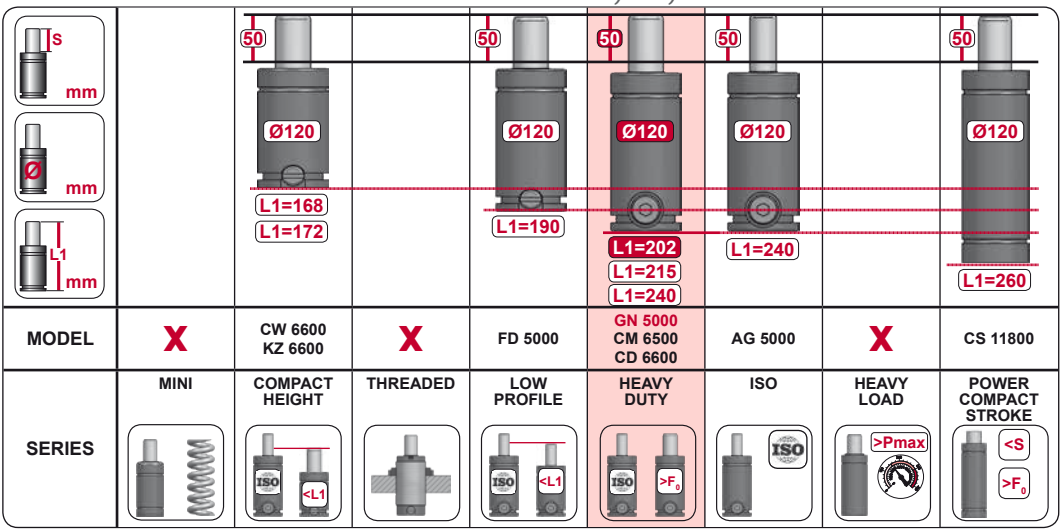




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# GN 5000 MOUNTS

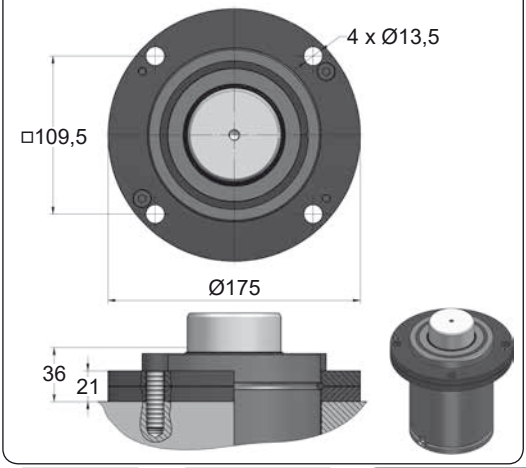
*Heavy Duty*



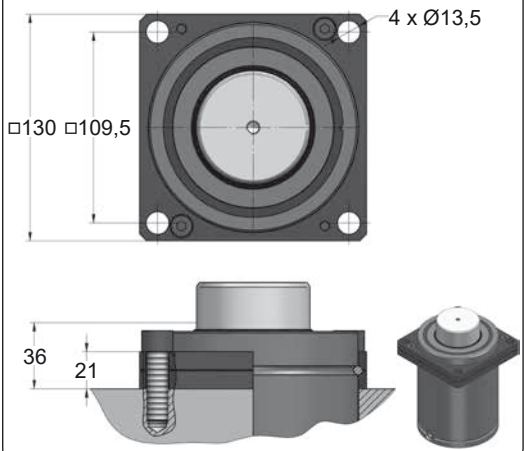

| MODEL | X | CW 6600 KZ 6600 | X | FD 5000 | GN 5000 CM 6500 CD 6600 | AG 5000 | X | CS 11800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-120

E24.54.815.G
EM24.54.700/F




## A34-120

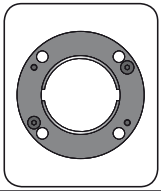


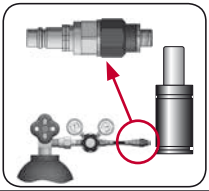












| CODE | | GN 5000 050 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

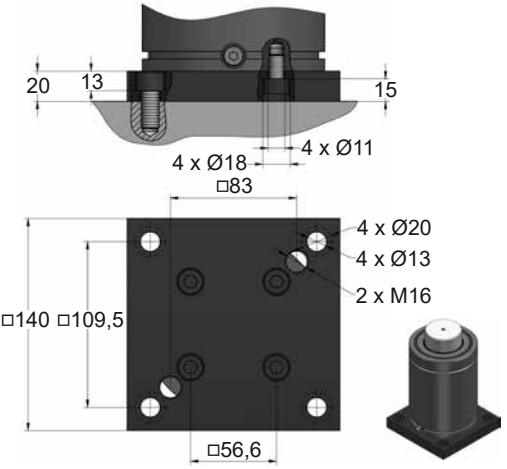
# GN 5000 MOUNTS

*Heavy Duty*

AZOL GAS

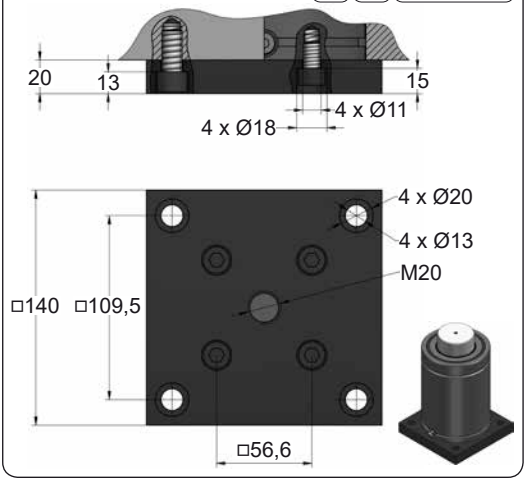
## B21-120

EM24.54.700/F

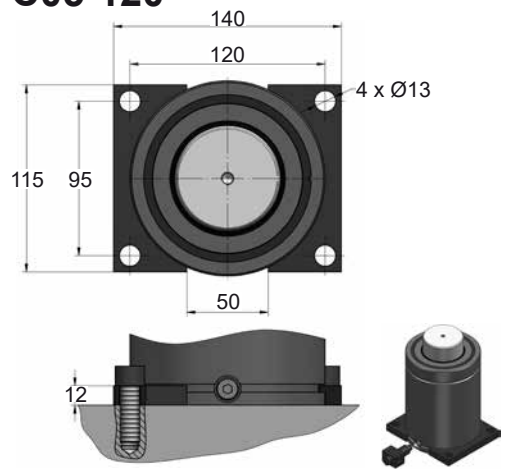



## B76-120

ISO DIN EM24.54.700/F

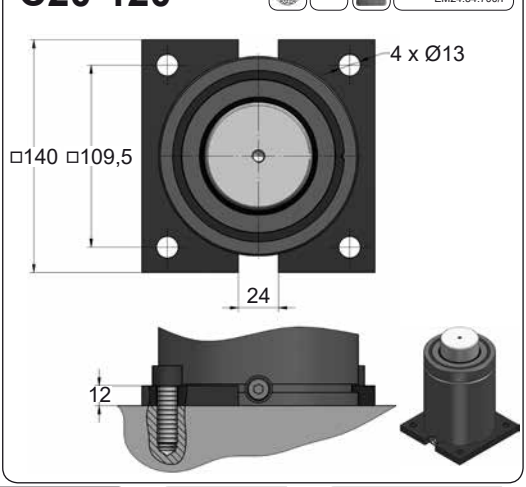



## C05-120




## C20-120

ISO DIN VDI E24.54.815.G EM24.54.700/F

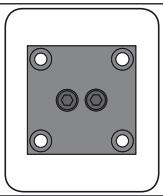


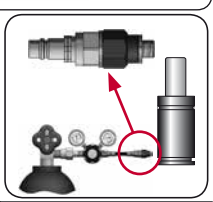












| CODE | | GN 5000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

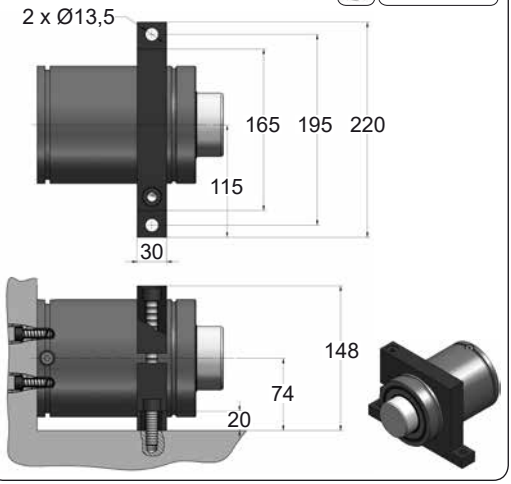
AZOL GAS

# GN 5000 MOUNTS

*Heavy Duty*

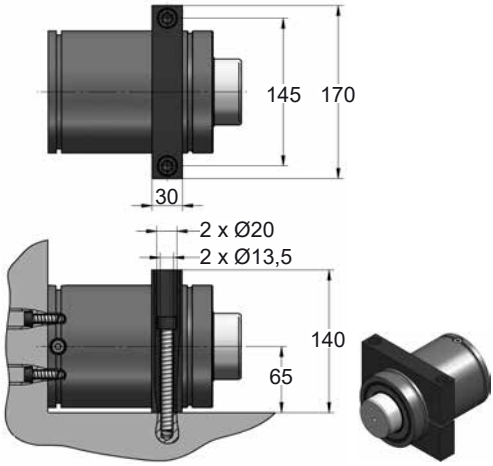
## D02-120

ISO E24.54.815.G EM24.54.700/F




## D67-120

VDI

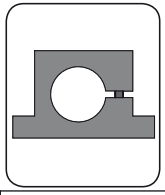


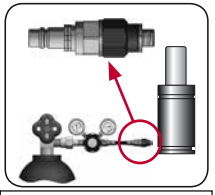










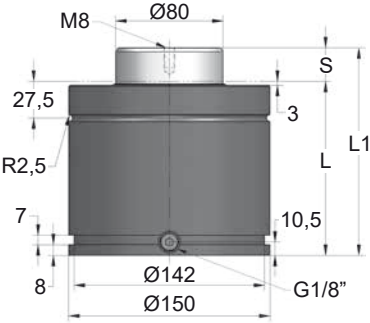


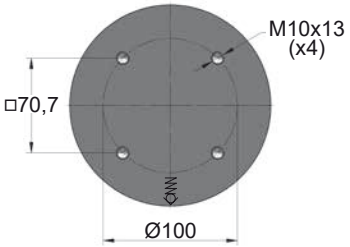
| CODE | | GN 5000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# GN 7500

*Heavy Duty*

AZOL GAS

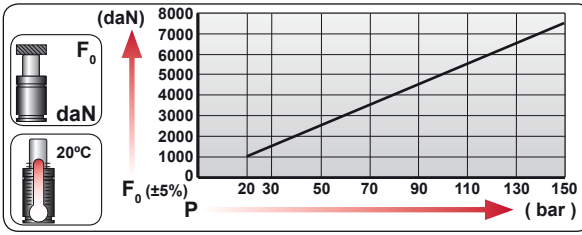


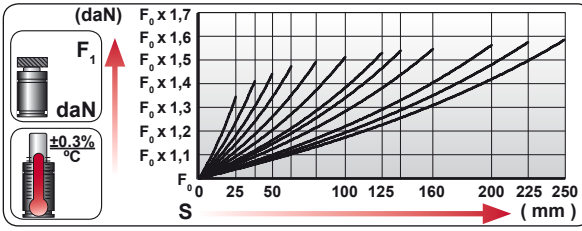







| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| GN 7500 025 | 25 | 155 | 130 | 13.49 |
| GN 7500 037 | 37.5 | 180 | 142.5 | 14.28 |
| GN 7500 050 | 50 | 205 | 155 | 15.07 |
| GN 7500 062 | 62.5 | 230 | 167.5 | 15.86 |
| GN 7500 080 | 80 | 265 | 185 | 16.96 |
| GN 7500 100 | 100 | 305 | 205 | 18.23 |
| GN 7500 125 | 125 | 355 | 230 | 19.81 |
| GN 7500 137 | 137.5 | 380 | 242.5 | 20.60 |
| GN 7500 160 | 160 | 425 | 265 | 22.02 |
| GN 7500 200 | 200 | 505 | 305 | 24.55 |
| GN 7500 225 | 225 | 555 | 330 | 26.13 |
| GN 7500 250 | 250 | 605 | 355 | 27.71 |

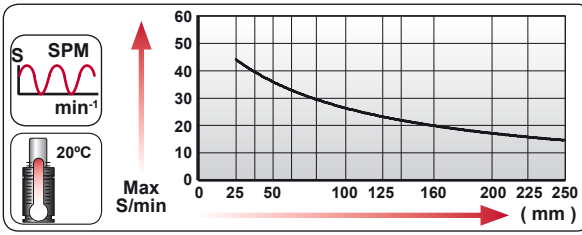


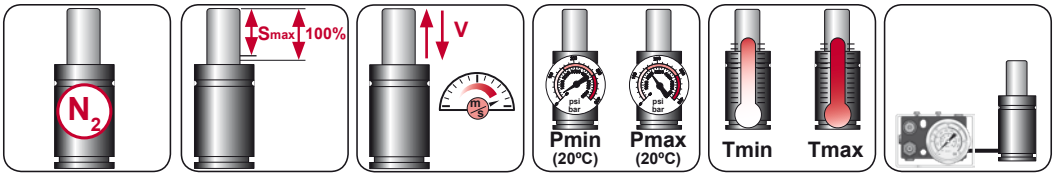




| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| GN 7500 050 | | 150 | 2175 | 7540 | 10860 |
| GN-H 7500 050 | | 0 | 0 | --- | --- |

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



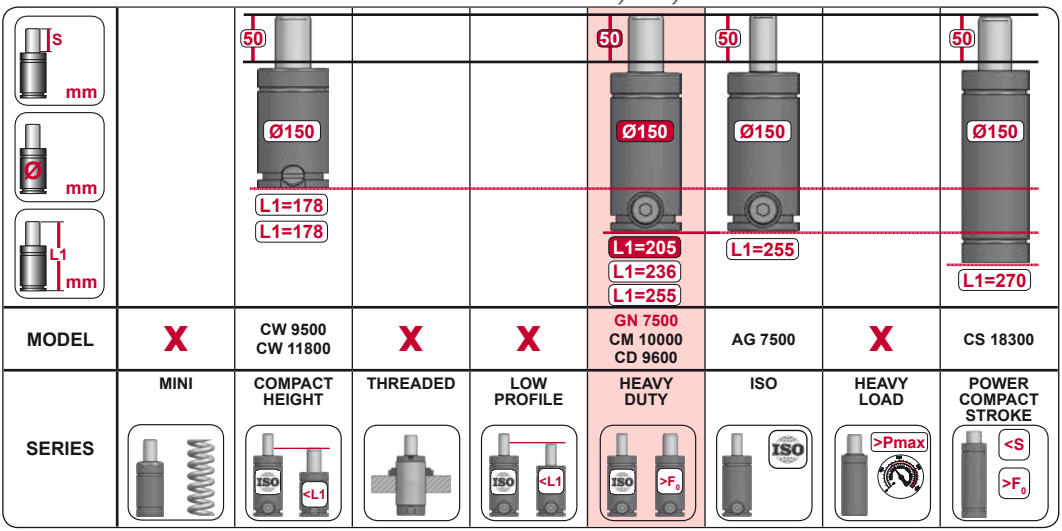




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# GN 7500 MOUNTS

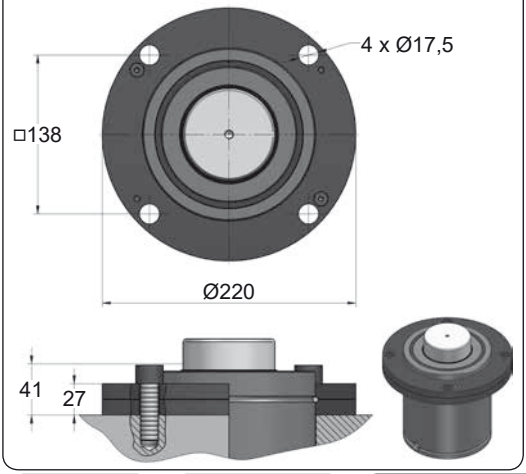
*Heavy Duty*



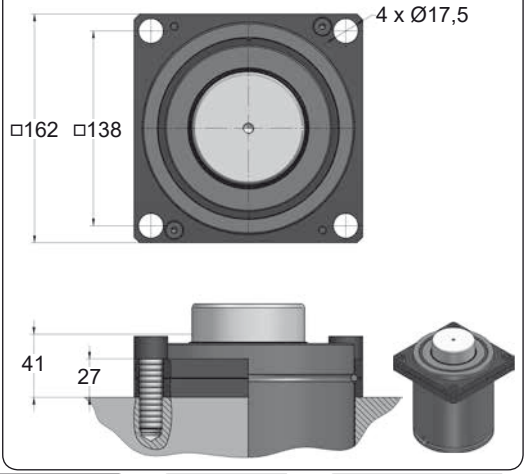

| MODEL | X | CW 9500 CW 11800 | X | X | GN 7500 CM 10000 CD 9600 | AG 7500 | X | CS 18300 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-150

E24.54.815.G
EM24.54.700/F




## A34-150

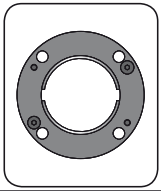


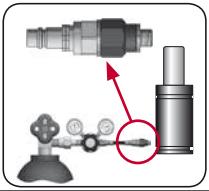












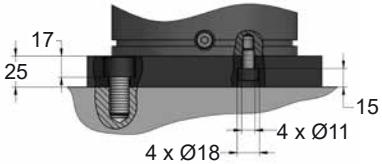
| CODE | | GN 7500 050 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

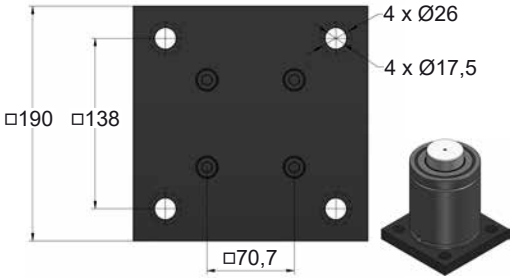
# GN 7500 MOUNTS

*Heavy Duty*

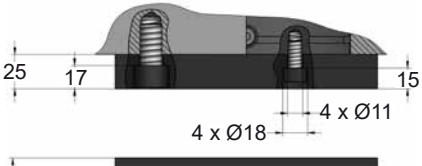
AZOL GAS

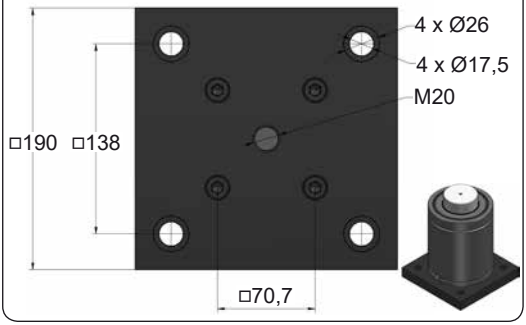
## B21-150



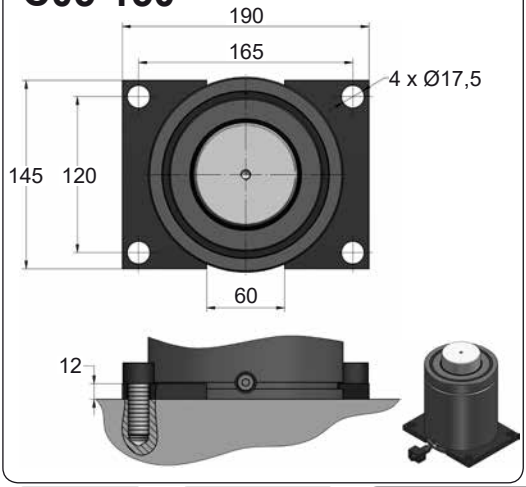




## B76-150



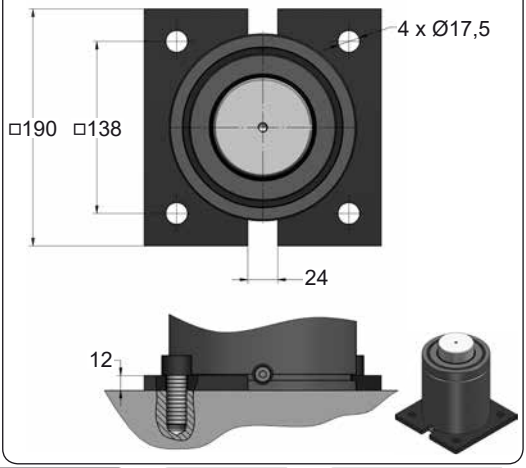




## C05-150




## C20-150

E24.54.815.G
EM24.54.700/F

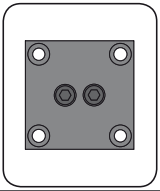


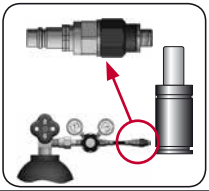












| CODE | | GN 7500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

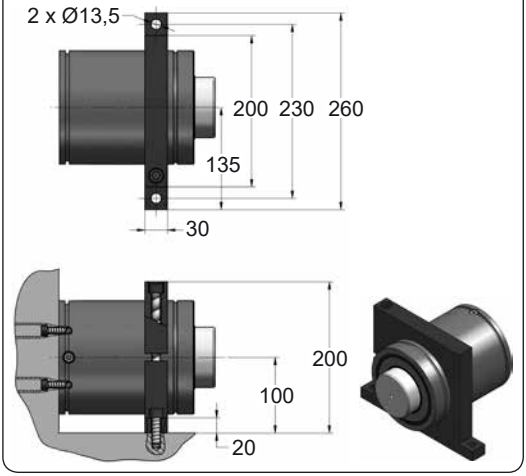
AZOL GAS

# GN 7500 MOUNTS

*Heavy Duty*

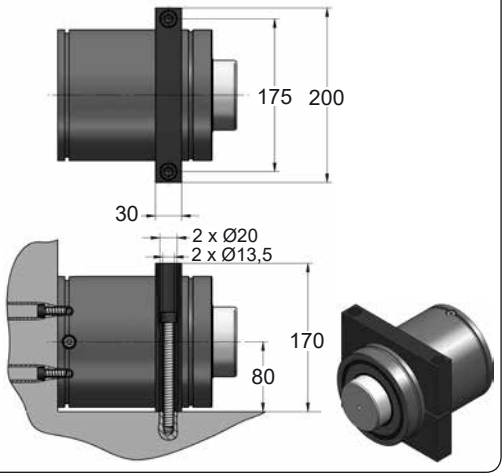
## D02-150

ISO E24.54.815.G




## D67-150

VDI

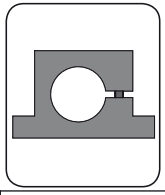


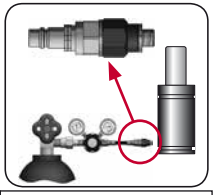










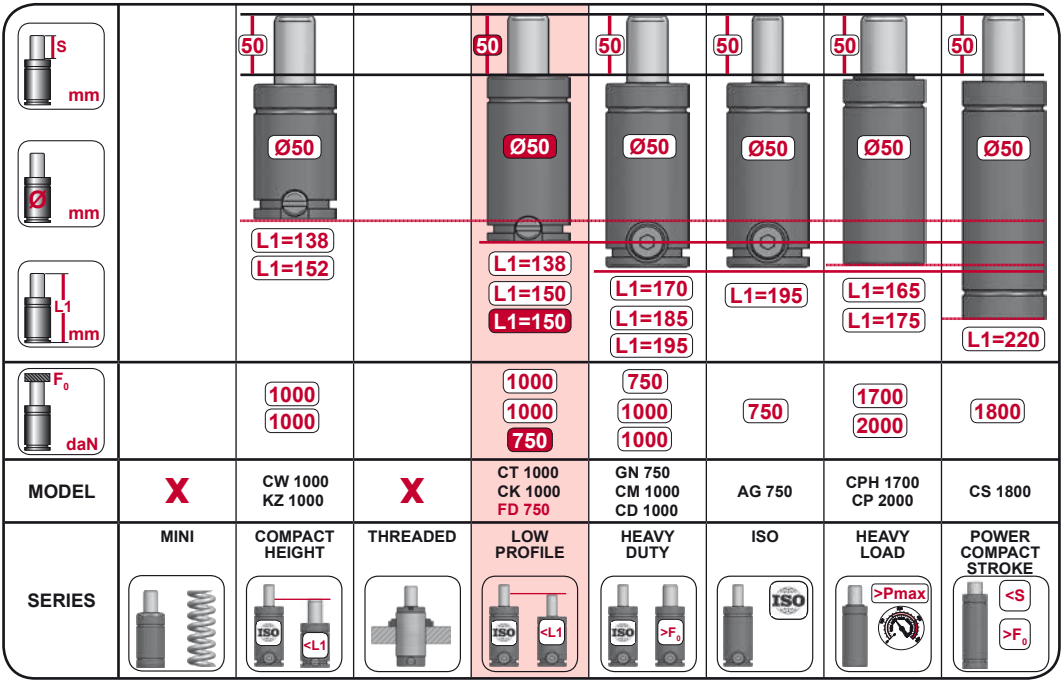


| CODE | | GN 7500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# FD LOW PROFILE LARGE

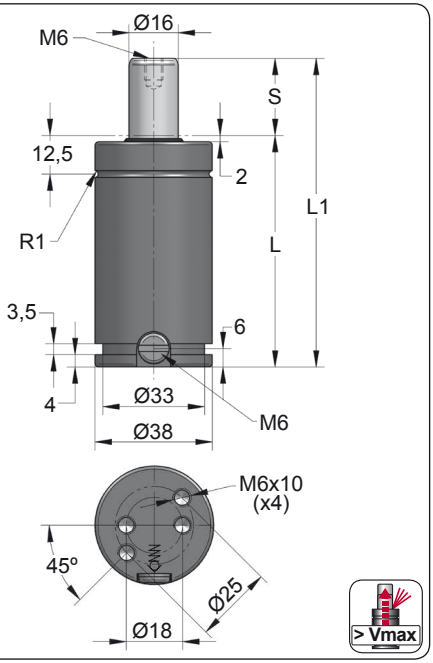
| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| FD 300 | 300 | Ø38 | 10 - 125 | 70 - 300 | 150 | M6 | ✔ | ✔ |
| FD 500 | 500 | Ø45 | 12,7 - 125 | 75,4 - 300 | 150 | G1/8" | ✔ | ✔ |
| FD 750 V1 | 750 | Ø50 | 12,7 - 125 | 75,4 - 300 | 150 | G1/8" | ✔ | ✔ |
| FD 1500 V2 | 1500 | Ø75 | 25 - 100 | 110 - 260 | 150 | G1/8" | ✔ | ✔ |
| FD 3000 | 3000 | Ø95 | 25 - 125 | 120 - 320 | 150 | G1/8" | ✔ | ✔ |
| FD 5000 V1 | 5000 | Ø120 | 25 - 100 | 140 - 290 | 150 | G1/8" | ✔ | ✔ |



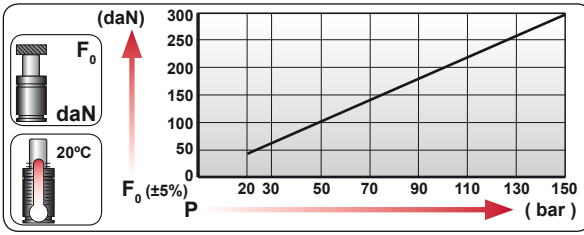
# FD 300

*Low Profile*

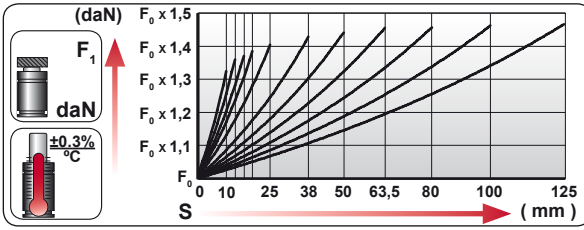
AZOL GAS



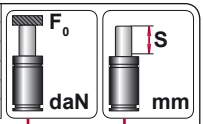

| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| FD 300 010 | 10 | 70 | 60 | 0.41 |
| FD 300 012 | 12.7 | 75.4 | 62.7 | 0.42 |
| FD 300 016 | 16 | 82 | 66 | 0.43 |
| FD 300 019 | 19 | 88 | 69 | 0.44 |
| FD 300 025 | 25 | 100 | 75 | 0.47 |
| FD 300 038 | 38 | 126 | 88 | 0.58 |
| FD 300 050 | 50 | 150 | 100 | 0.64 |
| FD 300 063 | 63.5 | 177 | 113.5 | 0.71 |
| FD 300 080 | 80 | 210 | 130 | 0.80 |
| FD 300 100 | 100 | 250 | 150 | 0.90 |
| FD 300 125 | 125 | 300 | 175 | 1.10 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| FD 300 050 | 150 | 2175 | 300 | 430 |
| FD-H 300 050 | 0 | 0 | --- | --- |

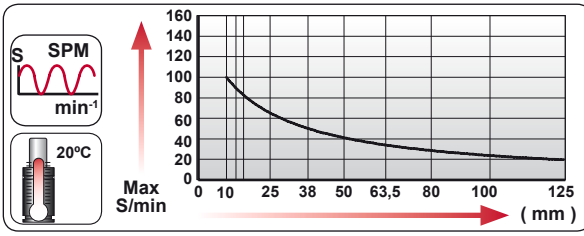


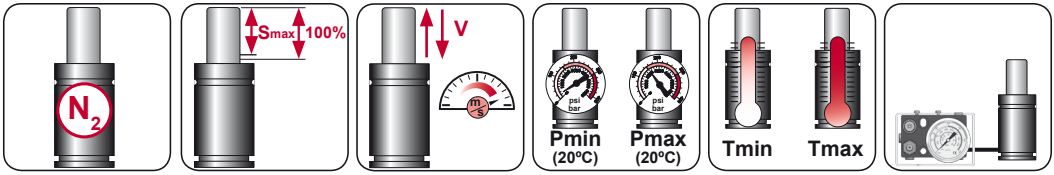

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




FD 300 50

FD 300 050




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

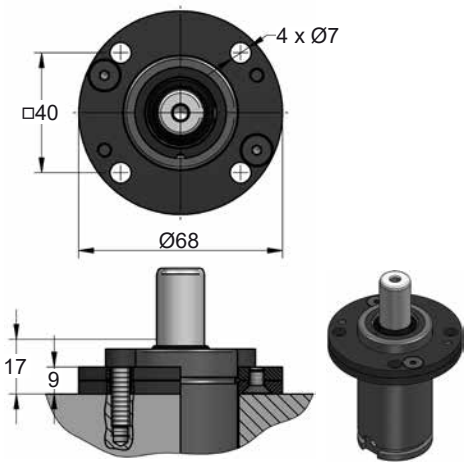
AZOL GAS

# FD 300 MOUNTS

*Low Profile*

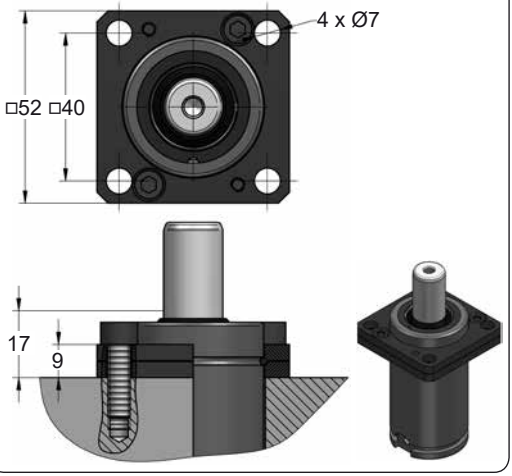
## A14-038

ISO E24.54.815.G EM24.54.700/F

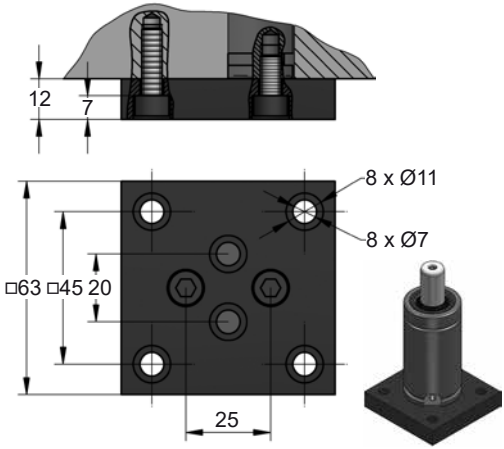



## A34-038

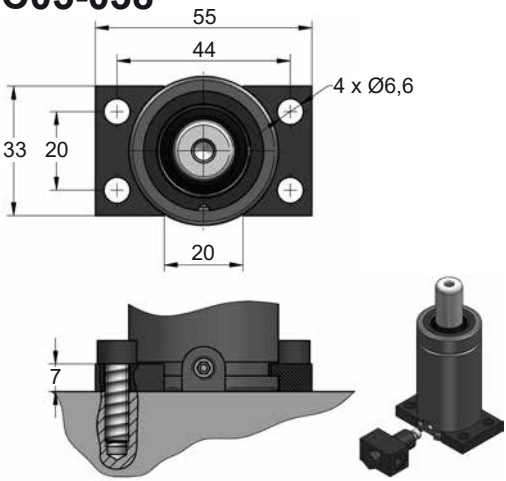
ISO VDI




## B76-038




## C05-038

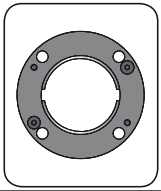


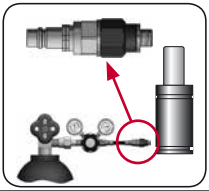












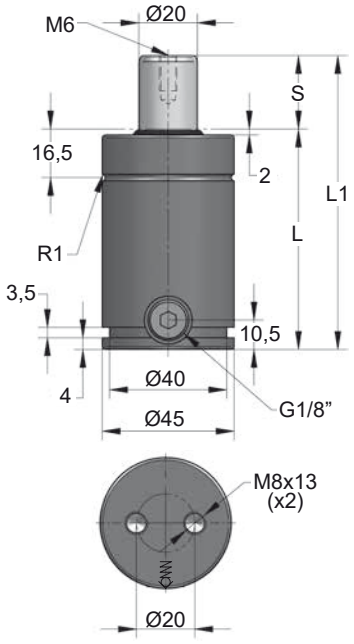
| CODE | | FD 300 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-038 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# FD 500

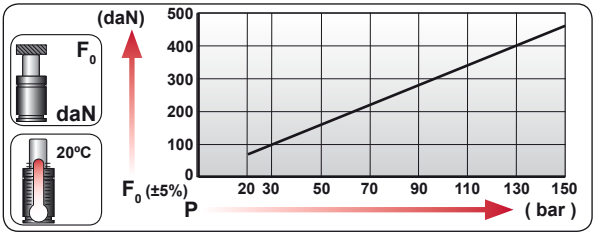
*Low Profile*

| | | |
|---|---|---|
| | | |
| | | **RENAULT** EM24.54.700 |
| | | |

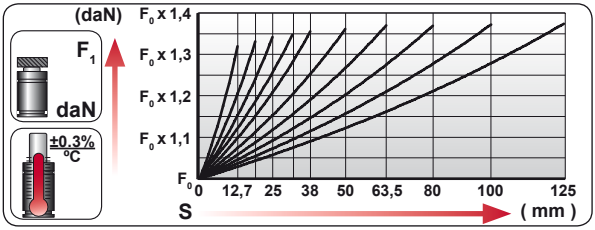
AZOL GAS



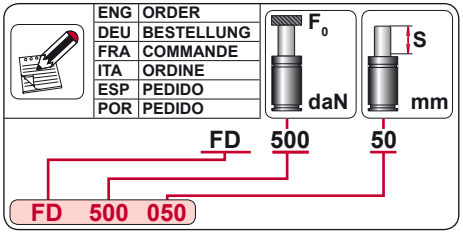

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| FD 500 012 | 12.7 | 75.4 | 62.7 | 0.56 |
| FD 500 019 | 19 | 88 | 69 | 0.60 |
| FD 500 025 | 25 | 100 | 75 | 0.63 |
| FD 500 032 | 32 | 114 | 82 | 0.66 |
| FD 500 038 | 38 | 126 | 88 | 0.69 |
| FD 500 050 | 50 | 150 | 100 | 0.75 |
| FD 500 063 | 63.5 | 177 | 113.5 | 0.82 |
| FD 500 080 | 80 | 210 | 130 | 0.90 |
| FD 500 100 | 100 | 250 | 150 | 1.00 |
| FD 500 125 | 125 | 300 | 175 | 1.13 |

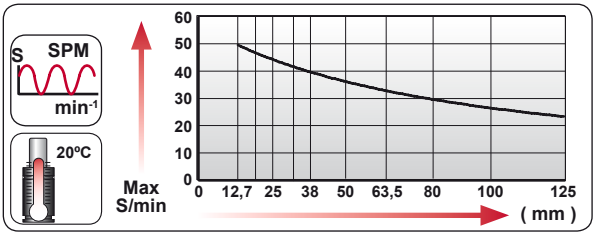


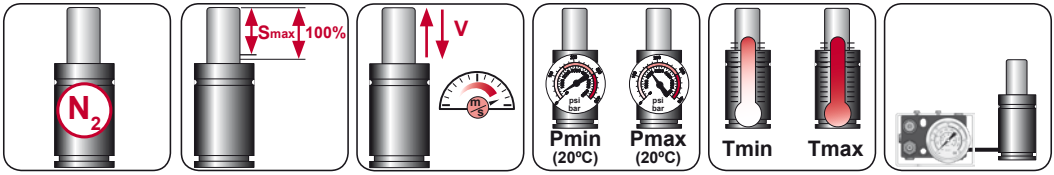

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| FD 500 050 | 150 | 2175 | 470 | 640 |
| FD-H 500 050 | 0 | 0 | --- | --- |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



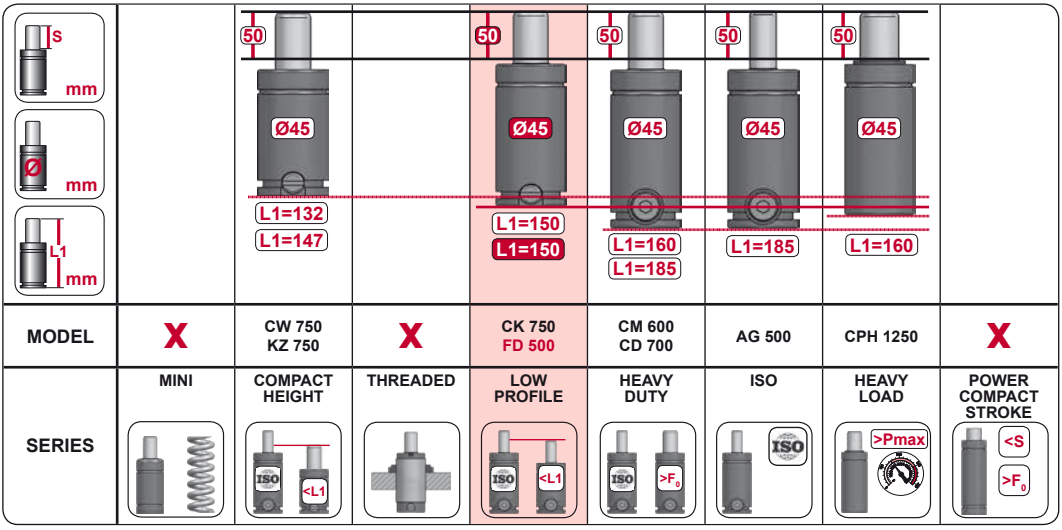




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# FD 500 MOUNTS

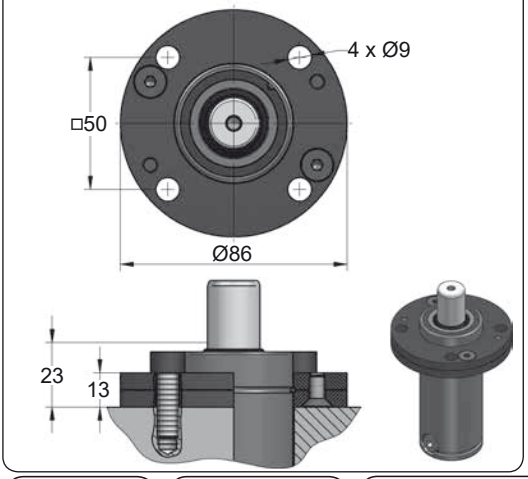
*Low Profile*




| MODEL | X | CW 750 KZ 750 | X | CK 750 FD 500 | CM 600 CD 700 | AG 500 | CPH 1250 | X |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

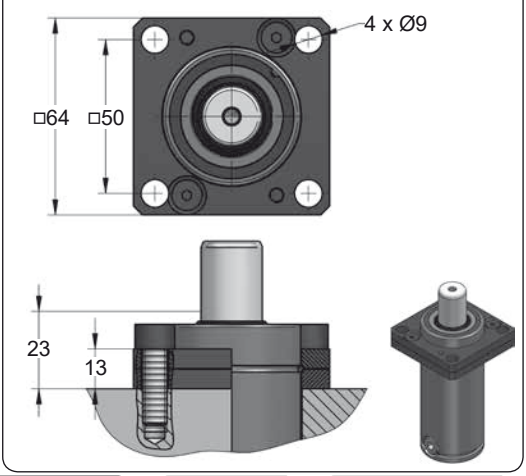
## A14-045

ISO · E24.54.815.G · EM24.54.700/F




## A34-045

ISO · VDI

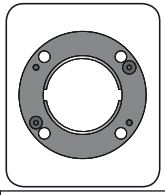


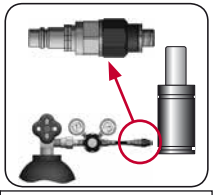












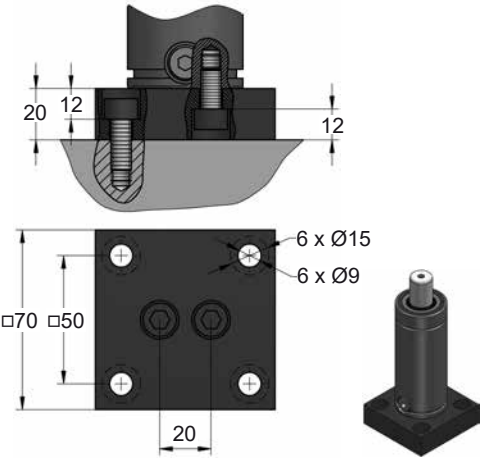
| CODE | | FD 500 050 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# FD 500 MOUNTS

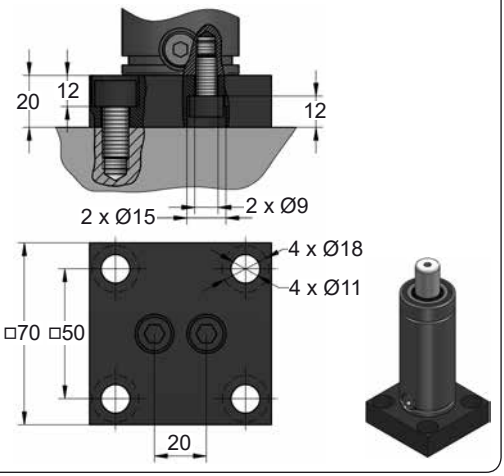
*Low Profile*

AZOL GAS

## B21-045

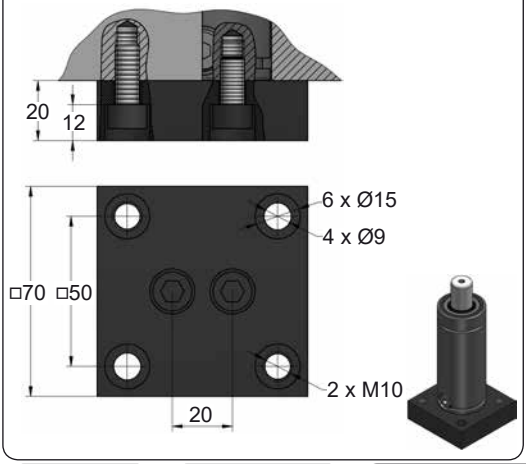



## B51-045




## B76-045

ISO E24.54.815.G

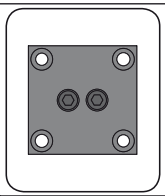


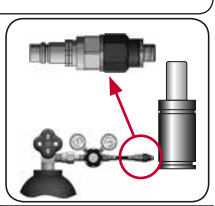












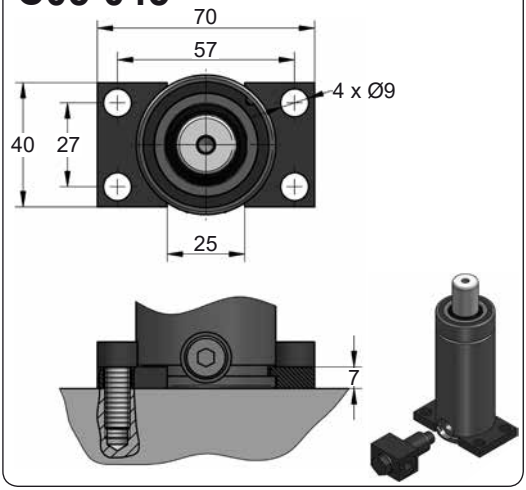
| CODE | | FD 500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# FD 500 MOUNTS

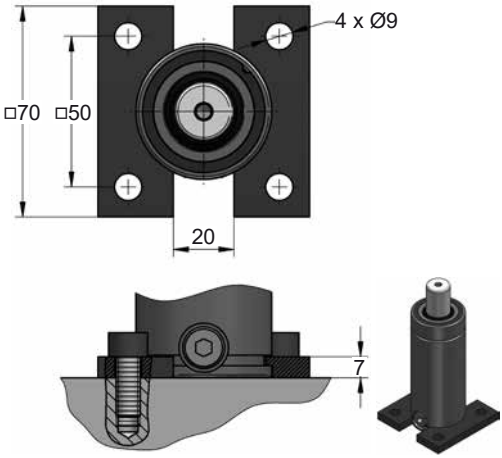
*Low Profile*

## C05-045

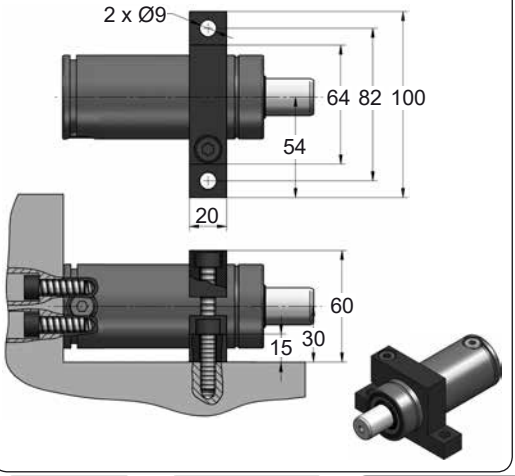



## C20-045

ISO VDI E24.54.815.G EM24.54.700/F

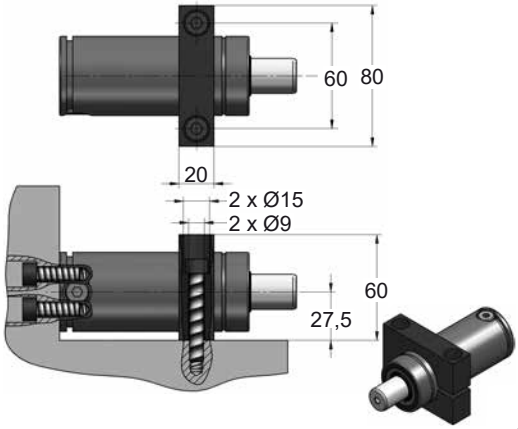



## D02-045




## D67-045

VDI

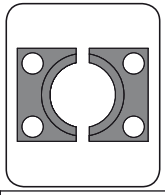


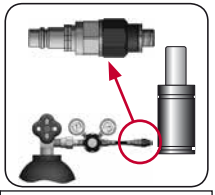












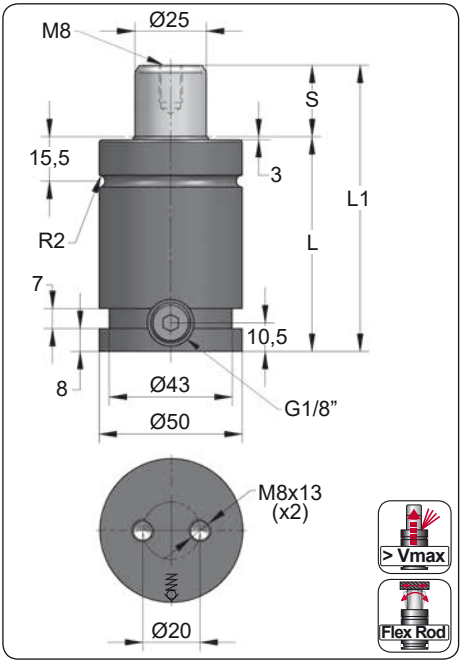
| CODE | | FD 500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# FD 750 V1

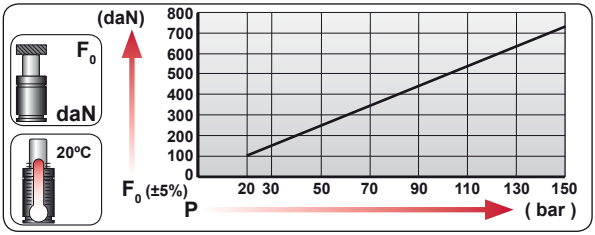
*Low Profile*

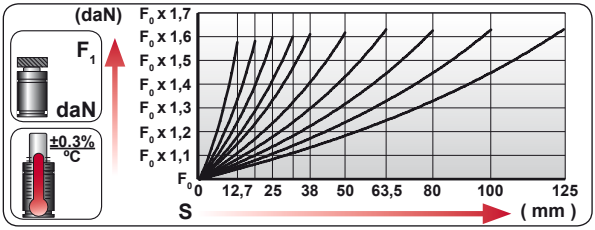
| | | |
|---|---|---|
| **MB** B8 3180 220 000 003 | | **RENAULT** EM24.54.700 |

AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| FD 750 012 V1 | 12.7 | 75.4 | 62.7 | 0.70 |
| FD 750 019 V1 | 19 | 88 | 69 | 0.76 |
| FD 750 025 V1 | 25 | 100 | 75 | 0.81 |
| FD 750 032 V1 | 32 | 114 | 82 | 0.86 |
| FD 750 038 V1 | 38 | 126 | 88 | 0.91 |
| FD 750 050 V1 | 50 | 150 | 100 | 1.01 |
| FD 750 063 V1 | 63.5 | 177 | 113.5 | 1.12 |
| FD 750 080 V1 | 80 | 210 | 130 | 1.26 |
| FD 750 100 V1 | 100 | 250 | 150 | 1.42 |
| FD 750 125 V1 | 125 | 300 | 175 | 1.63 |



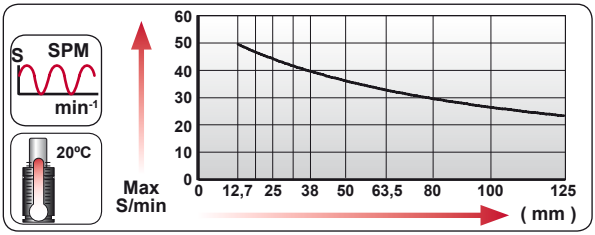

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| FD 750 050 V1 | 150 | 2175 | 740 | 1195 |
| FD-H 750 050 V1 | 0 | 0 | --- | --- |

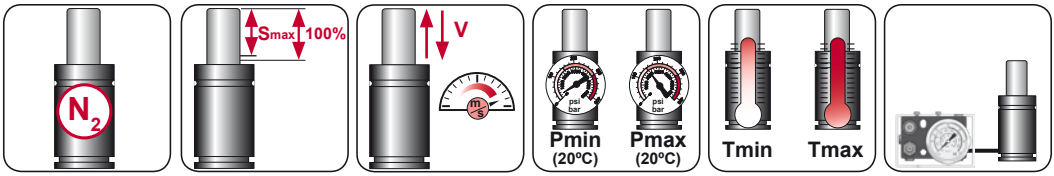
| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

FD 750 50

FD 750 050 V1



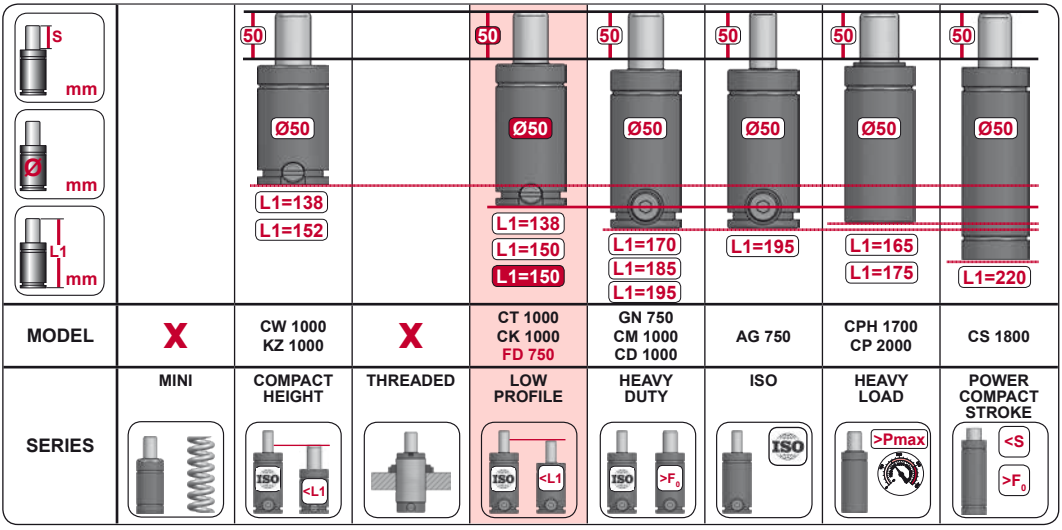




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# FD 750 V1 MOUNTS

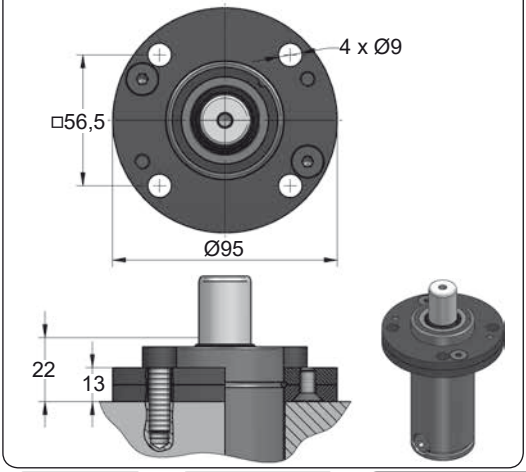
*Low Profile*




| MODEL | X | CW 1000<br>KZ 1000 | X | CT 1000<br>CK 1000<br>FD 750 | GN 750<br>CM 1000<br>CD 1000 | AG 750 | CPH 1700<br>CP 2000 | CS 1800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

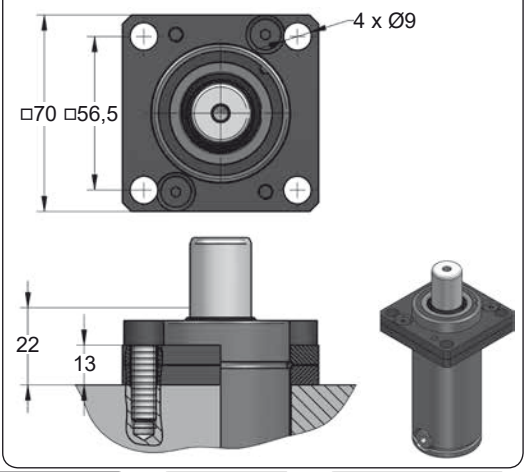
## A14-050

ISO E24.54.815.G EM24.54.700/F




## A34-050

ISO VDI

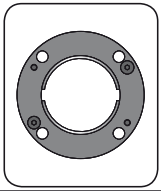


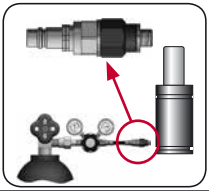












| CODE | | FD 750 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

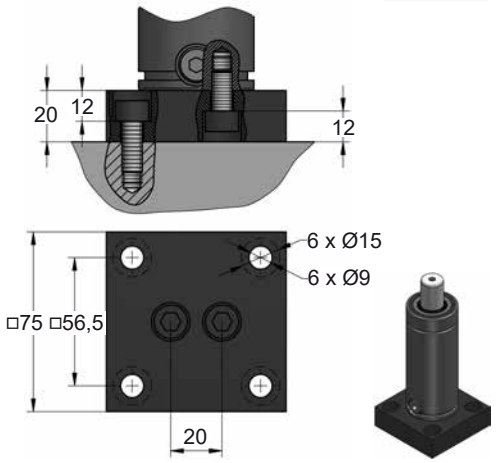
# FD 750 V1 MOUNTS

*Low Profile*

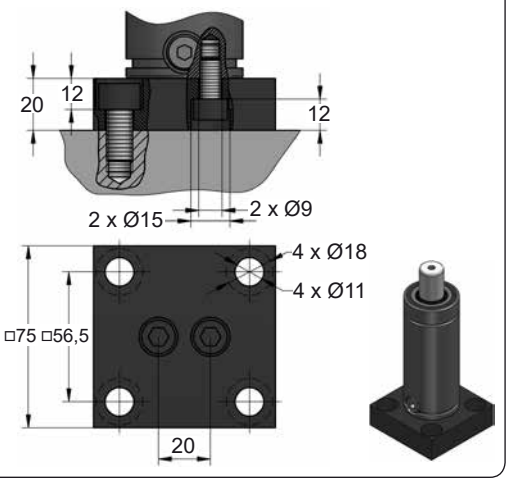
AZOL GAS

## B21-050

EM24.54.700/F

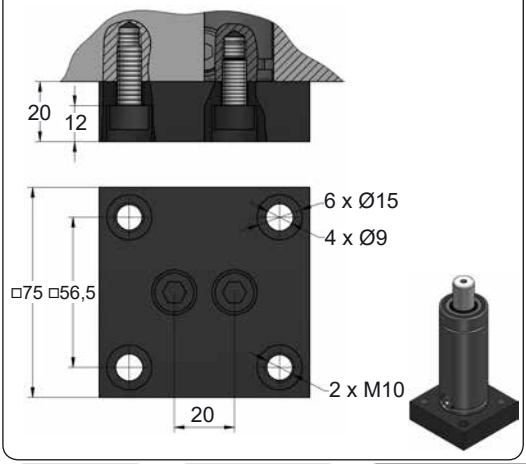



## B51-050




## B76-050

E24.54.815.G
EM24.54.700/F

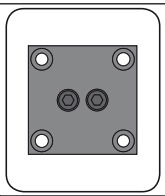


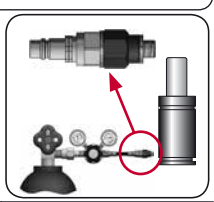












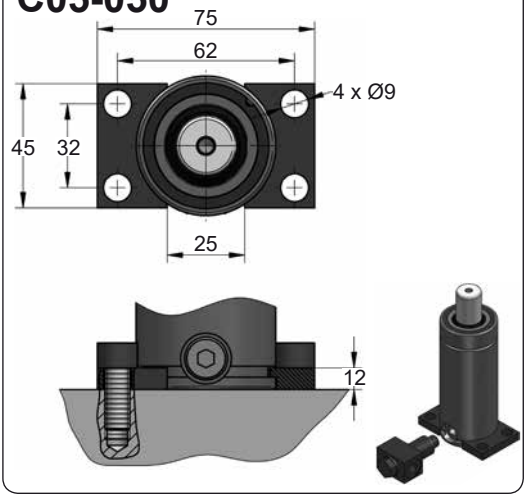
| CODE | | FD 750 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# FD 750 V1 MOUNTS

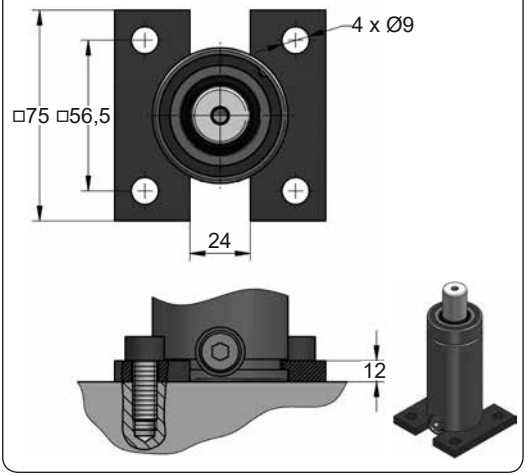
*Low Profile*

## C05-050



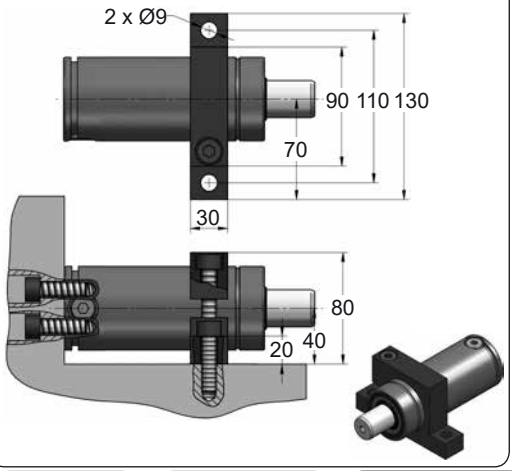

## C20-050

ISO VDI E24.54.815.G EM24.54.700/F



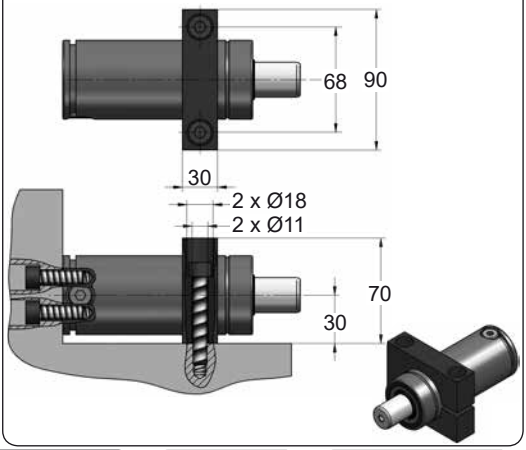

## D02-050

ISO E24.54.815.G EM24.54.700/F




## D67-050

VDI

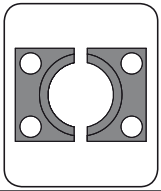


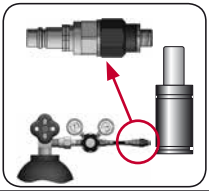












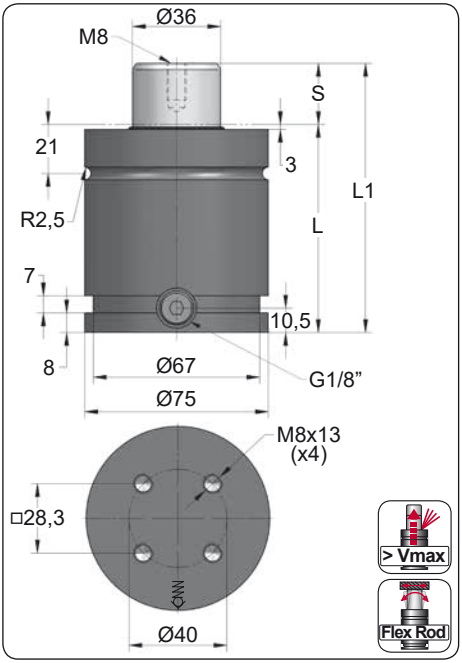
| CODE | | FD 750 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# FD 1500 V2

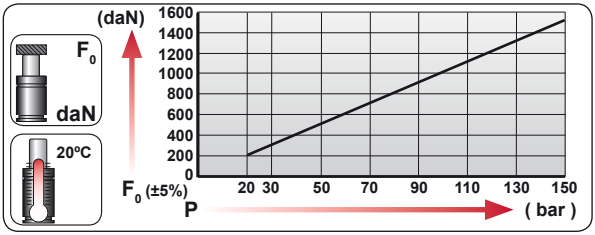
*Low Profile*

| | | |
|---|---|---|
| | | |
| | | **RENAULT** EM24.54.700 |
| | | |

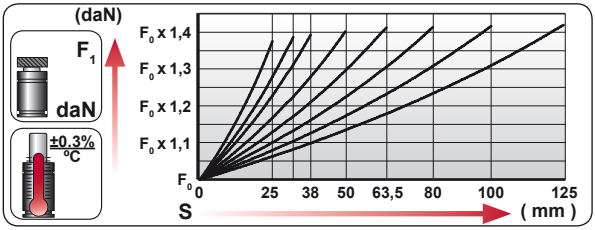
AZOL GAS



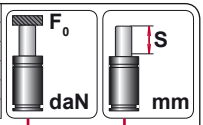

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| FD 1500 025 V2 | 25 | 110 | 85 | 1.94 |
| FD 1500 032 V2 | 32 | 124 | 92 | 2.04 |
| FD 1500 038 V2 | 38 | 136 | 98 | 2.13 |
| FD 1500 050 V2 | 50 | 160 | 110 | 2.31 |
| FD 1500 063 V2 | 63.5 | 187 | 123.5 | 2.50 |
| FD 1500 080 V2 | 80 | 220 | 140 | 2.75 |
| FD 1500 100 V2 | 100 | 260 | 160 | 3.41 |
| FD 1500 125 V2 | 125 | 310 | 185 | 4.75 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| FD 1500 050 V2 | 150 | 2145 | 1530 | 2140 |
| FD-H 1500 050 V2 | 0 | 0 | --- | --- |

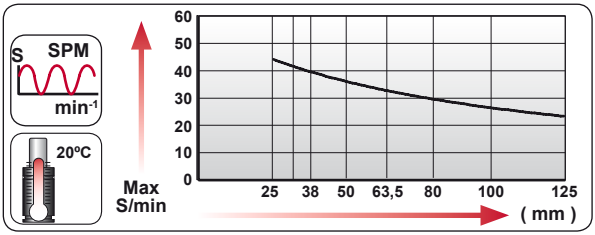


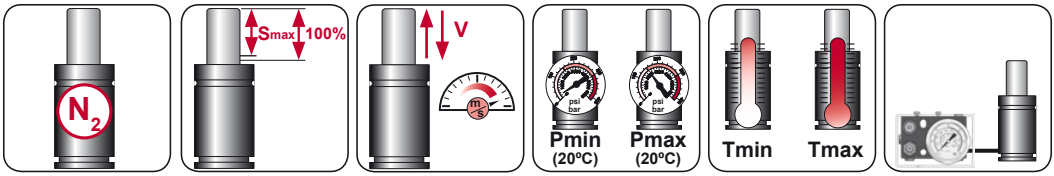

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




FD 1500 50

FD 1500 050 V2



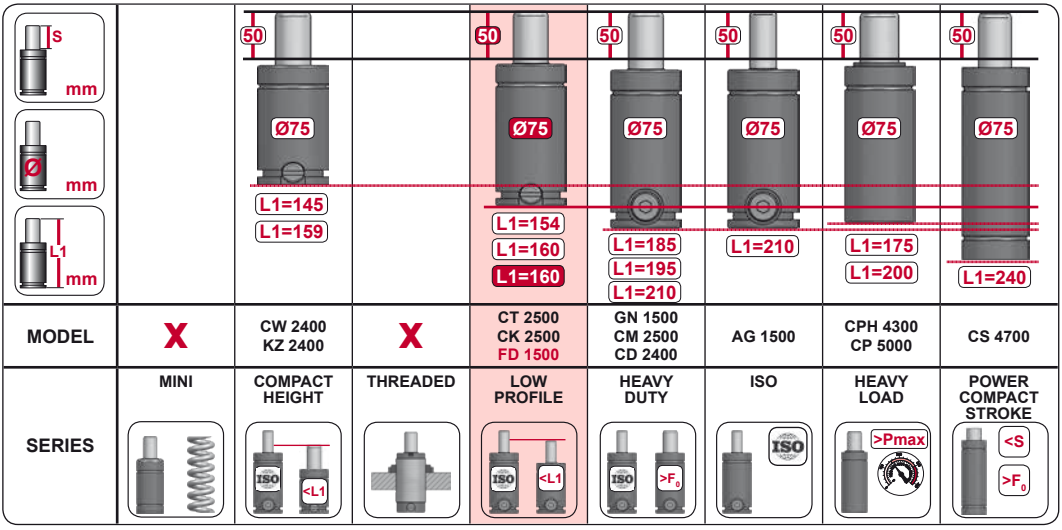




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# FD 1500 V2 MOUNTS

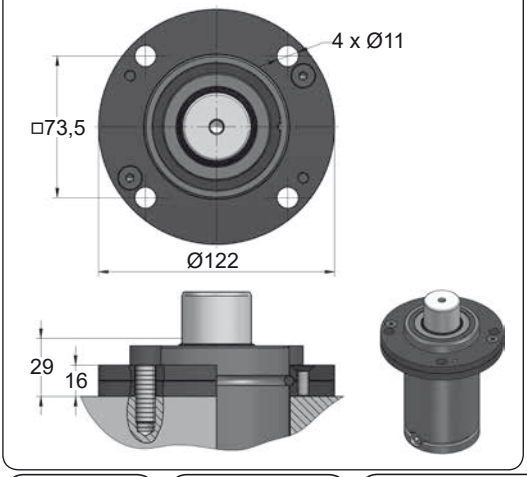
*Low Profile*




| MODEL | X | CW 2400 KZ 2400 | X | CT 2500 CK 2500 FD 1500 | GN 1500 CM 2500 CD 2400 | AG 1500 | CPH 4300 CP 5000 | CS 4700 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

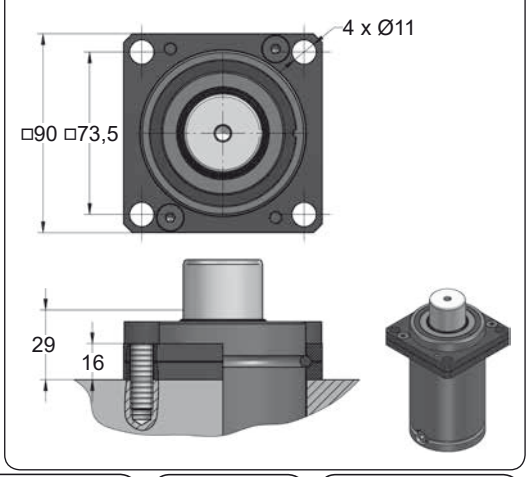
## A14-075

ISO E24.54.815.G EM24.54.700/F




## A34-075

ISO VDI

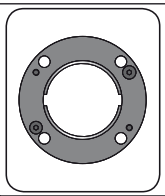


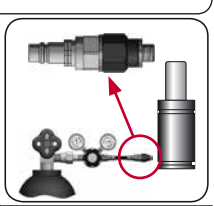












| CODE | | FD 1500 050 V2 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

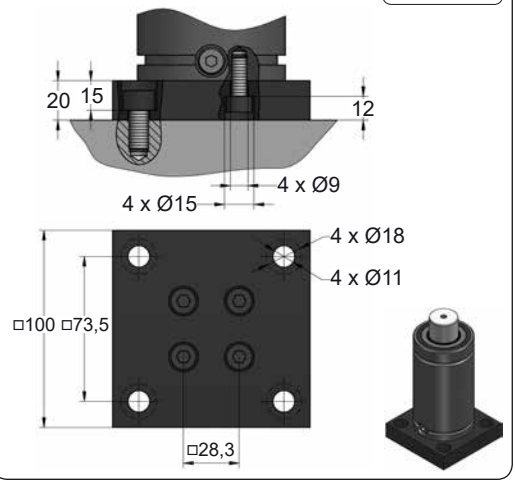
# FD 1500 V2 MOUNTS

*Low Profile*

AZOL GAS

## B21-075

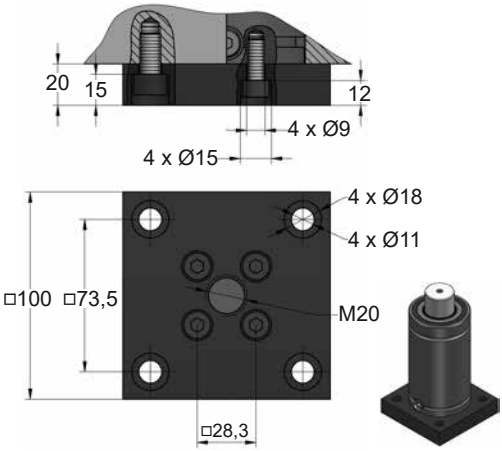
EM24.54.700/F



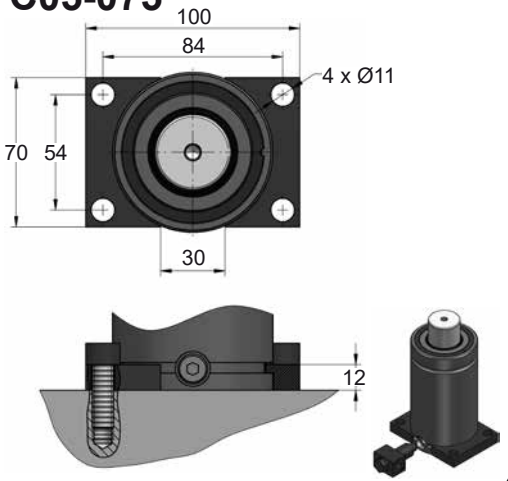

## B76-075

ISO

E24.54.815.G
EM24.54.700/F



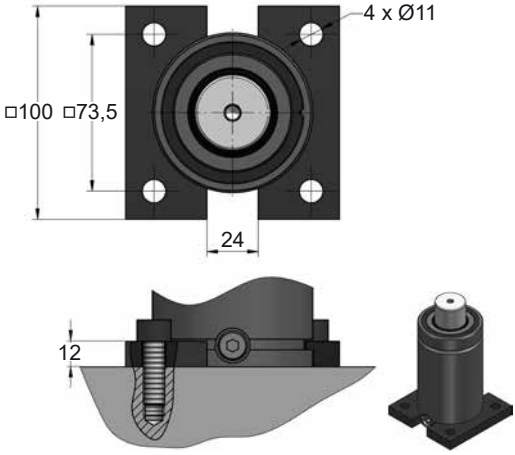

## C05-075




## C20-075

ISO VDI

E24.54.815.G
EM24.54.700/F

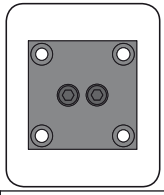


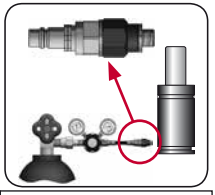












| CODE | | FD 1500 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

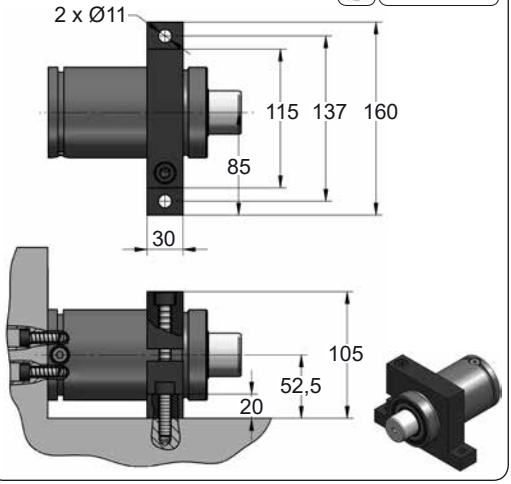
AZOL GAS

# FD 1500 V2 MOUNTS

*Low Profile*

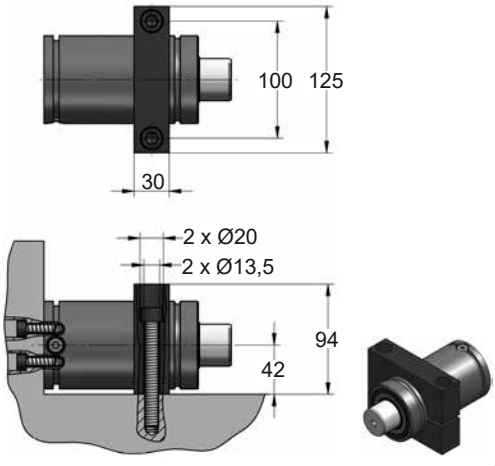
## D02-075

ISO E24.54.815.G EM24.54.700/F




## D67-075

VDI

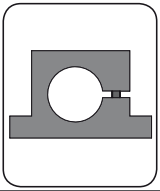


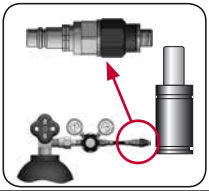












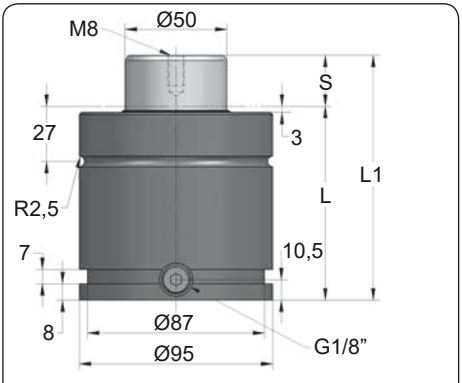
| CODE | | FD 1500 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

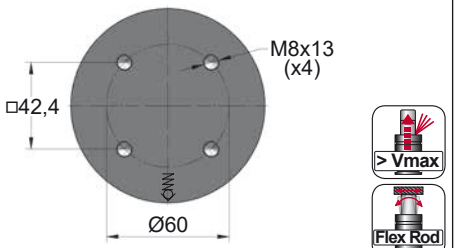
# FD 3000

*Low Profile*

| | | |
|---|---|---|
| **MB** B8 3180 220 000 003 | | **RENAULT** EM24.54.700 |

AZOL GAS

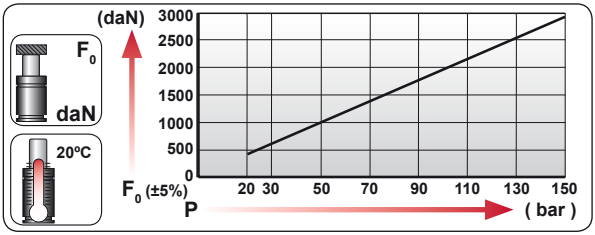


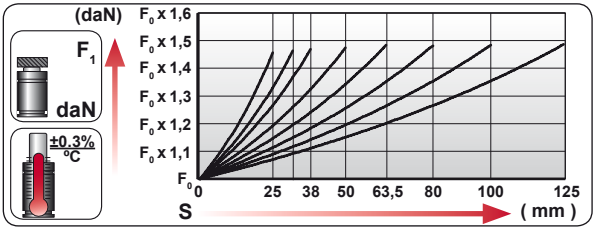

> Vmax

Flex Rod

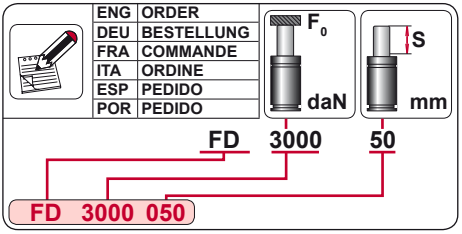
| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| FD 3000 025 | 25 | 120 | 95 | 3.82 |
| FD 3000 032 | 32 | 134 | 102 | 4.00 |
| FD 3000 038 | 38 | 146 | 108 | 4.47 |
| FD 3000 050 | 50 | 170 | 120 | 4.81 |
| FD 3000 063 | 63.5 | 197 | 133.5 | 5.25 |
| FD 3000 080 | 80 | 230 | 150 | 5.77 |
| FD 3000 100 | 100 | 270 | 170 | 5.73 |
| FD 3000 125 | 125 | 320 | 195 | 6.42 |

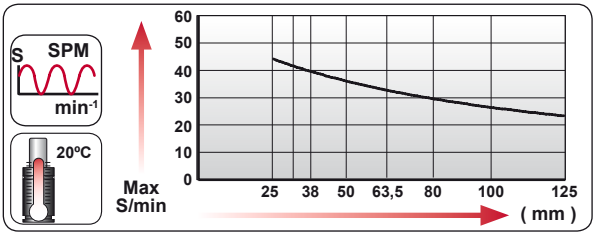


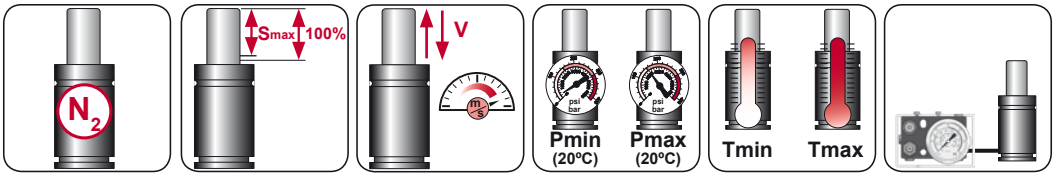

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| FD 3000 050 | 150 | 2175 | 2945 | 4340 |
| FD-H 3000 050 | 0 | 0 | --- | --- |




| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



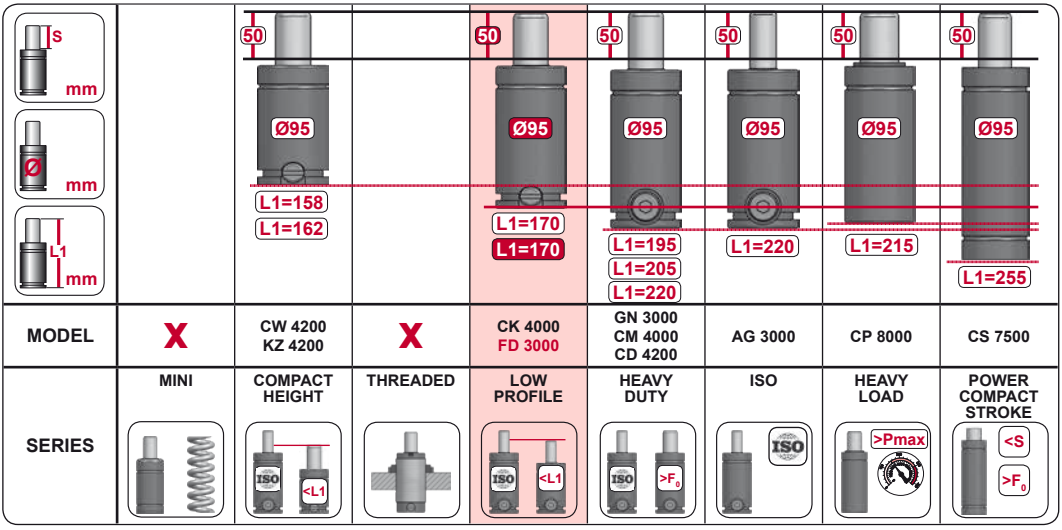




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# FD 3000 MOUNTS

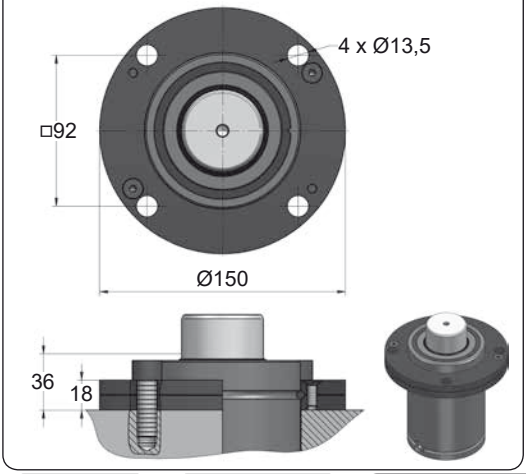
*Low Profile*




| MODEL | X | CW 4200 KZ 4200 | X | CK 4000 FD 3000 | GN 3000 CM 4000 CD 4200 | AG 3000 | CP 8000 | CS 7500 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

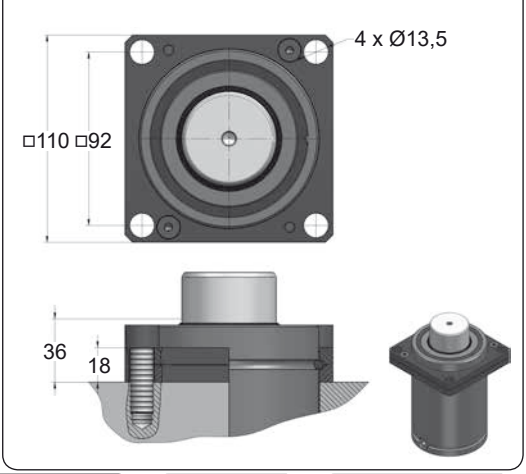
## A14-095

ISO E24.54.815.G EM24.54.700/F




## A34-095

ISO VDI

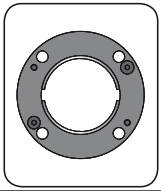


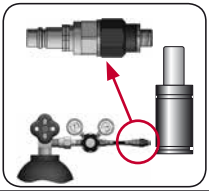












| CODE | | FD 3000 050 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

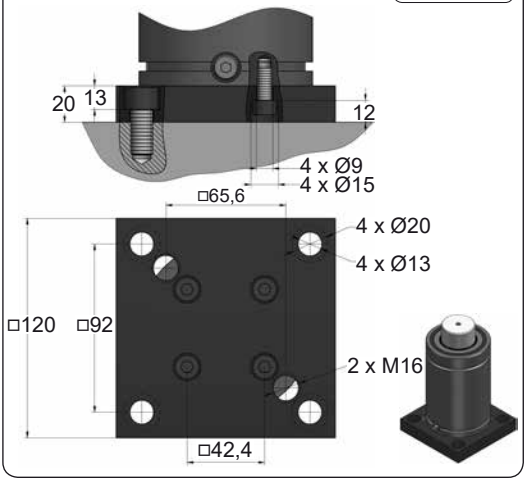
# FD 3000 MOUNTS

*Low Profile*

AZOL GAS

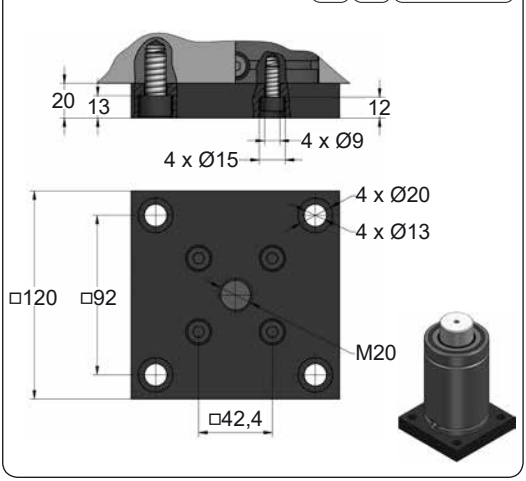
## B21-095

EM24.54.700/F

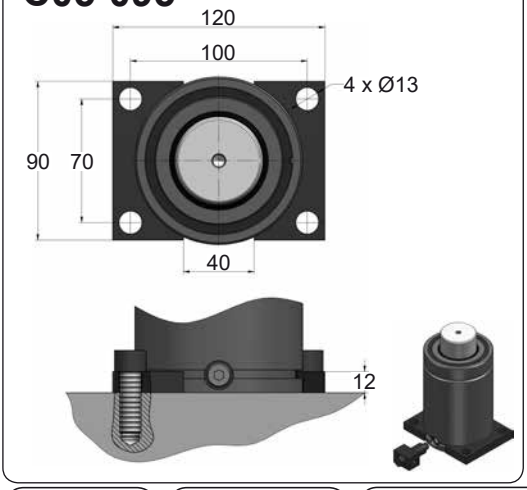



## B76-095

EM24.54.700/F

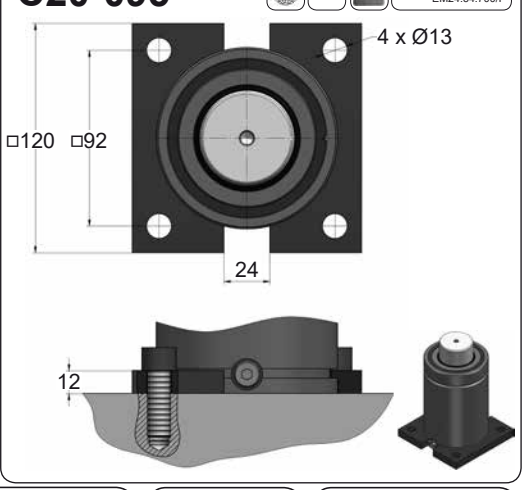



## C05-095




## C20-095

E24.54.815.G
EM24.54.700/F

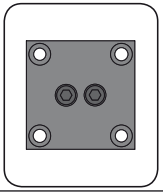


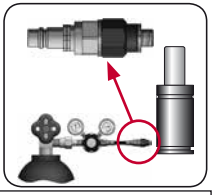












| CODE | | FD 3000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

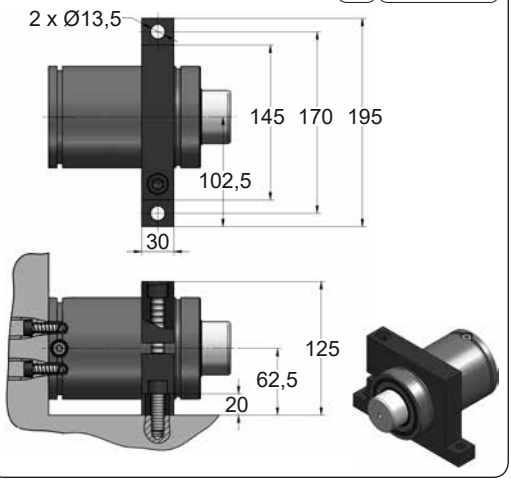
AZOL GAS

# FD 3000 MOUNTS

*Low Profile*

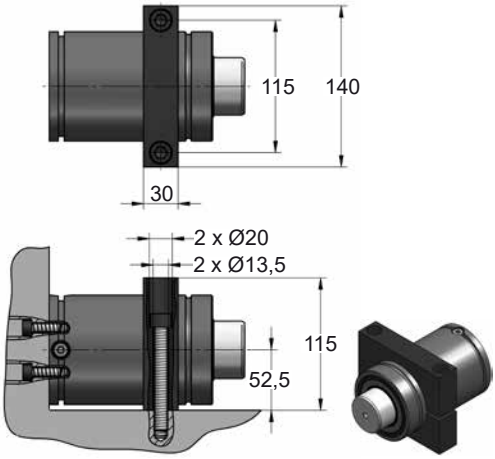
## D02-095

ISO E24.54.815.G EM24.54.700/F

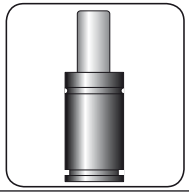



## D67-095

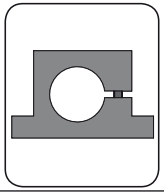
VDI

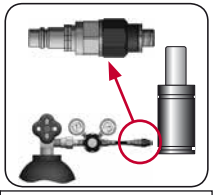






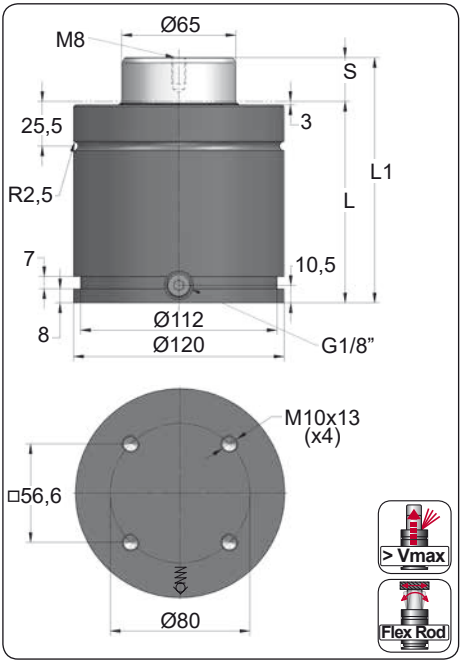


| CODE | | FD 3000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

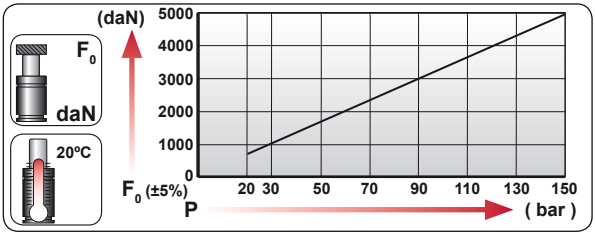
# FD 5000 V1

*Low Profile*

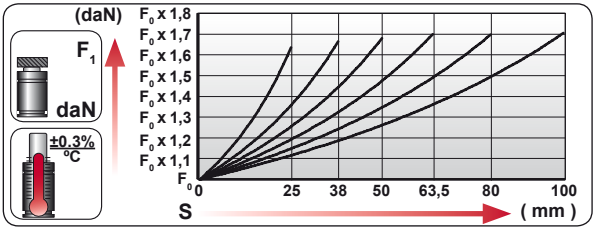
AZOL GAS



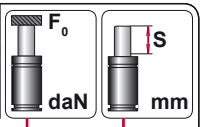

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| FD 5000 025 V1 | 25 | 140 | 115 | 7.57 |
| FD 5000 038 V1 | 38 | 166 | 128 | 8.10 |
| FD 5000 050 V1 | 50 | 190 | 140 | 8.59 |
| FD 5000 063 V1 | 63.5 | 217 | 153.5 | 9.12 |
| FD 5000 080 V1 | 80 | 250 | 170 | 9.81 |
| FD 5000 100 V1 | 100 | 290 | 190 | 10.62 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| FD 5000 050 V1 | 150 | 2175 | 4980 | 8365 |
| FD-H 5000 050 V1 | 0 | 0 | --- | --- |

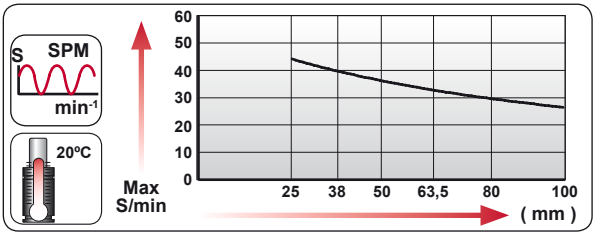


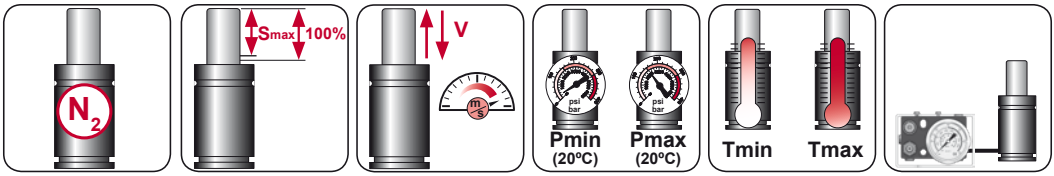

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




FD 5000 50

FD 5000 050 V1



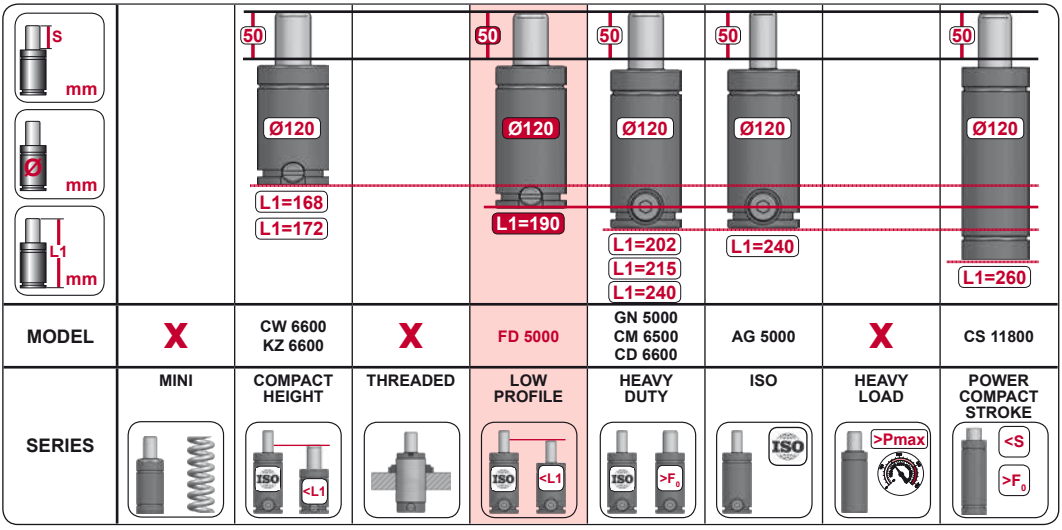




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# FD 5000 V1 *MOUNTS*

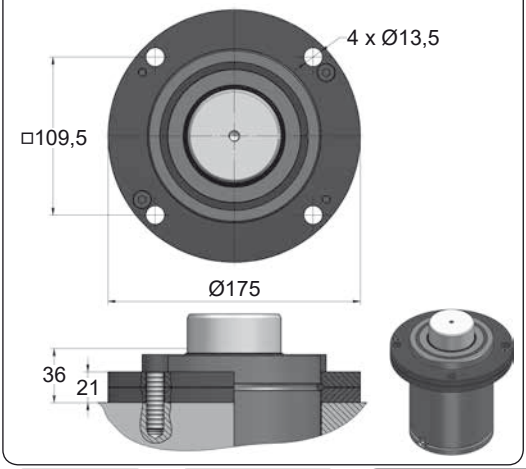
*Low Profile*



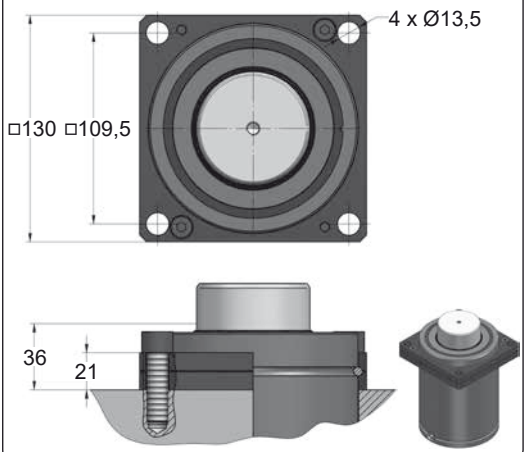

| MODEL | X | CW 6600 KZ 6600 | X | FD 5000 | GN 5000 CM 6500 CD 6600 | AG 5000 | X | CS 11800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-120

E24.54.815.G
EM24.54.700/F




## A34-120







| CODE | | FD 5000 050 V1 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

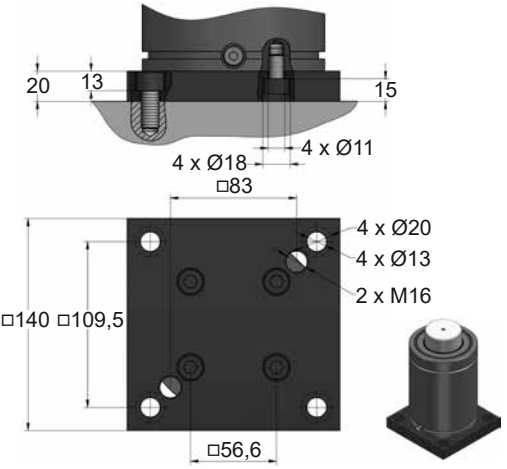
# FD 5000 V1 MOUNTS

*Low Profile*

AZOL GAS

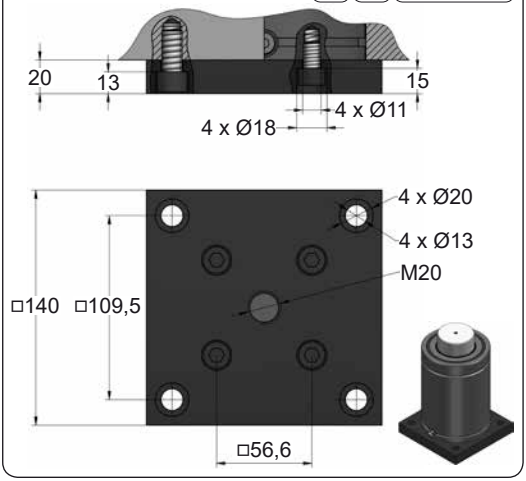
## B21-120

EM24.54.700/F

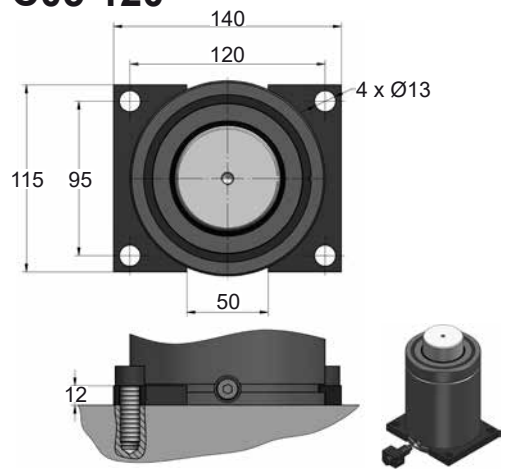



## B76-120

ISO DIN EM24.54.700/F

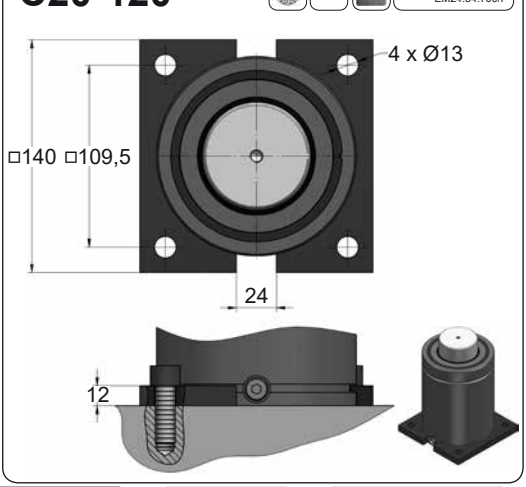



## C05-120




## C20-120

ISO DIN VDI E24.54.815.G EM24.54.700/F

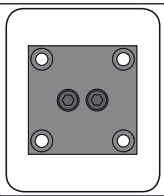


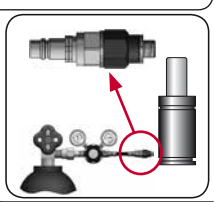












| CODE | | FD 5000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

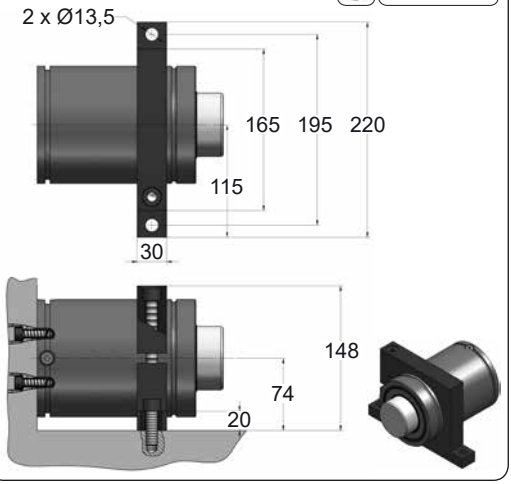
AZOL GAS

# FD 5000 V1 MOUNTS

*Low Profile*

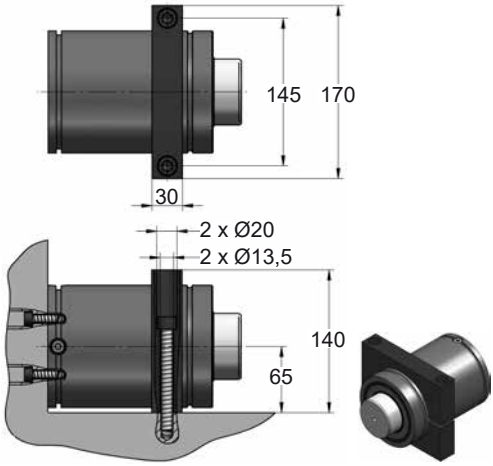
## D02-120

ISO E24.54.815.G EM24.54.700/F




## D67-120

VDI

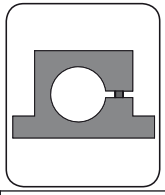


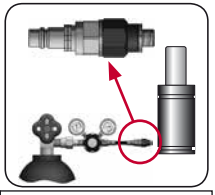










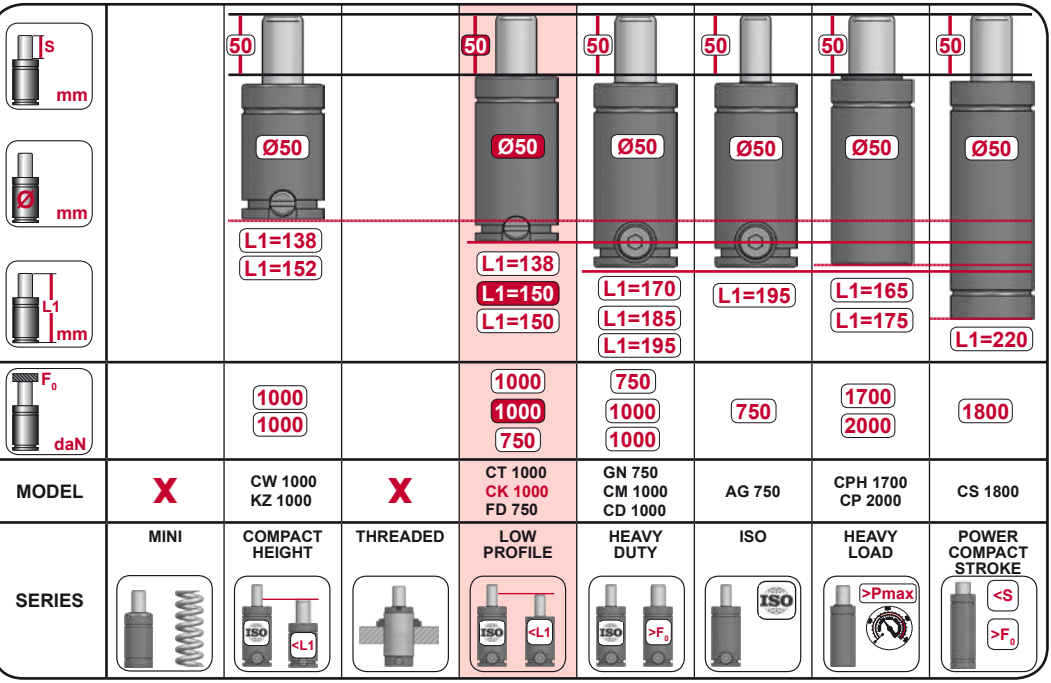


| CODE | | FD 5000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# CK LOW PROFILE MEDIUM

| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| CK 200 V1 | 200 | Ø25 | 7 - 100 | 46 - 232 | 180 | M6 | X | X |
| CK 300 V1 | 300 | Ø32 | 7 - 100 | 53 - 239 | 150 | M6 | X | X |
| CK 570 V1 | 570 | Ø38 | 10 - 125 | 57 - 287 | 150 | M6 | ✔ | ✔ |
| CK 750 V1 | 750 | Ø45 | 12 - 100 | 74 - 250 | 150 | G1/8" | ✔ | ✔ |
| CK 1000 V1 | 1000 | Ø50 | 12 - 100 | 74 - 250 | 160 | G1/8" | ✔ | ✔ |
| CK 1500 V2 | 1500 | Ø63 | 12 - 100 | 84 - 260 | 150 | G1/8" | ✔ | ✔ |
| CK 2500 V1 | 2500 | Ø75 | 12 - 100 | 84 - 260 | 160 | G1/8" | ✔ | ✔ |
| CK 4000 V1 | 4000 | Ø95 | 25 - 100 | 120 - 270 | 150 | G1/8" | ✔ | ✔ |

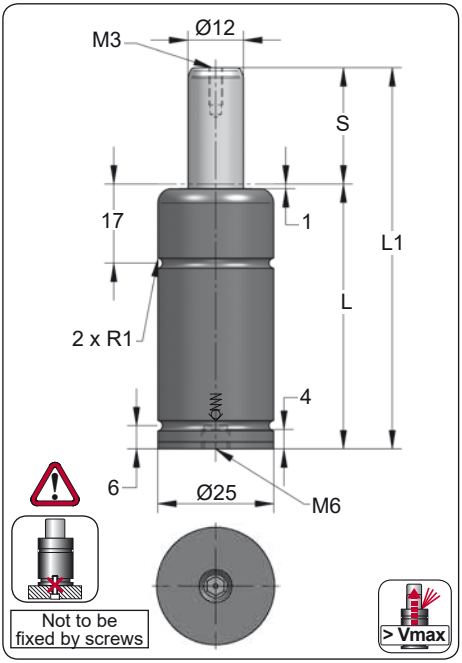



| MODEL | X | CW 1000 KZ 1000 | X | CT 1000 CK 1000 FD 750 | GN 750 CM 1000 CD 1000 | AG 750 | CPH 1700 CP 2000 | CS 1800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

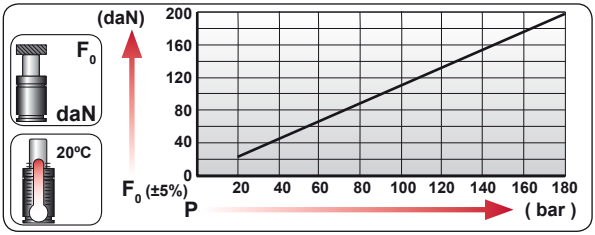
# CK 200 V1

*Low Profile*

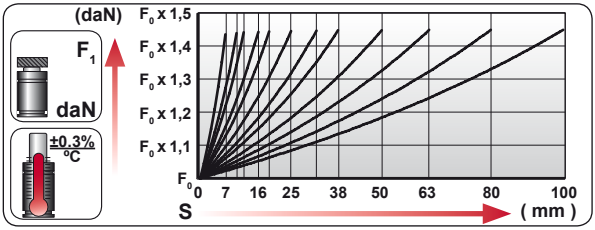
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CK 200 007 V1 | 7 | 46 | 39 | 0.31 |
| CK 200 010 V1 | 10 | 52 | 42 | 0.33 |
| CK 200 012 V1 | 12 | 56 | 44 | 0.33 |
| CK 200 016 V1 | 16 | 64 | 48 | 0.35 |
| CK 200 019 V1 | 19 | 70 | 51 | 0.14 |
| CK 200 025 V1 | 25 | 82 | 57 | 0.39 |
| CK 200 032 V1 | 32 | 96 | 64 | 0.17 |
| CK 200 038 V1 | 38 | 108 | 70 | 0.45 |
| CK 200 050 V1 | 50 | 132 | 82 | 0.51 |
| CK 200 063 V1 | 63 | 158 | 95 | 0.57 |
| CK 200 080 V1 | 80 | 192 | 112 | 0.64 |
| CK 200 100 V1 | 100 | 232 | 132 | 0.73 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CK 200 050 V1 | 170 | 2465 | 190 | 280 |
| --------- | --- | --- | --- | --- |

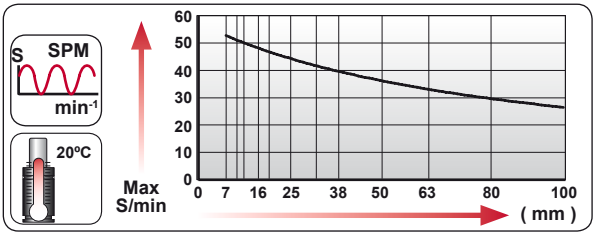


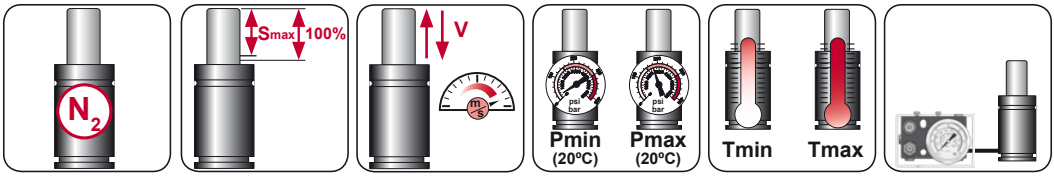

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CK 200 50

CK 200 050 V1



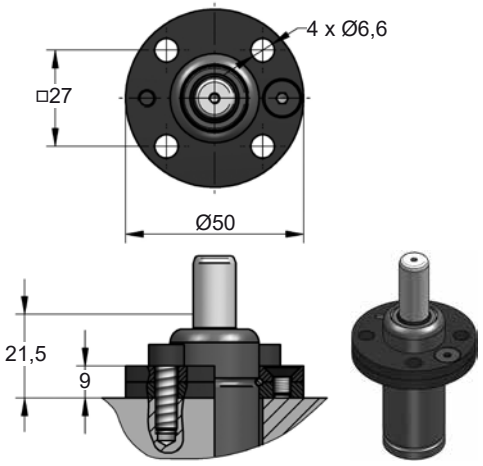

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

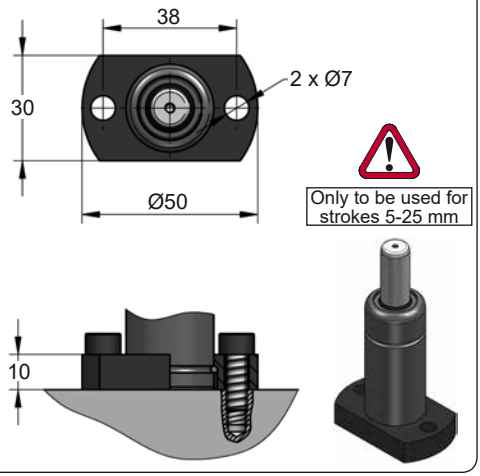
# CK 200 V1 MOUNTS

*Low Profile*

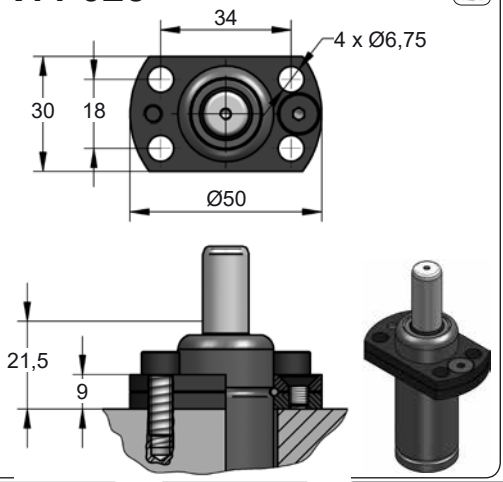
## A14-025



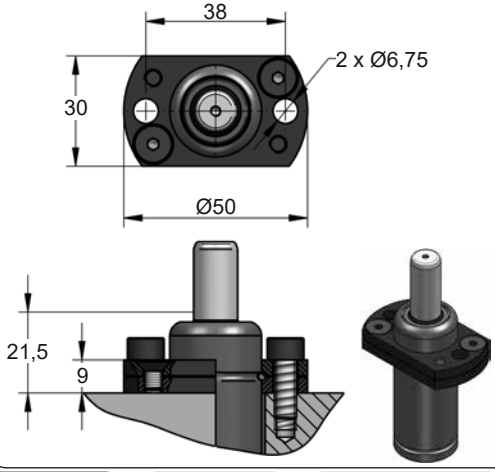

## A19-025




## A44-025




## A49-025

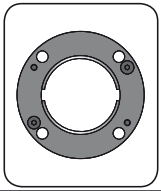


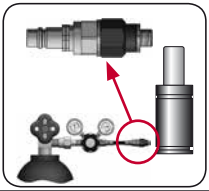










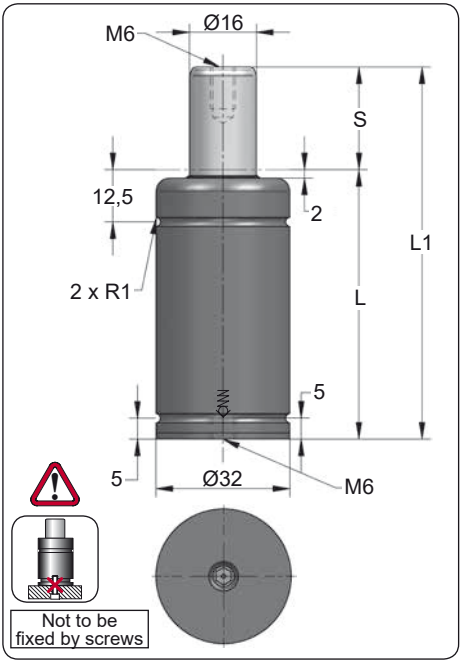


| CODE | | CK 200 050 V1 | | A14-025 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

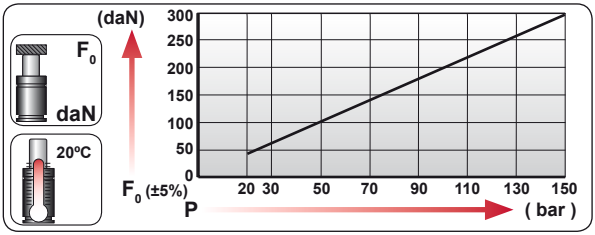
# CK 300 V1

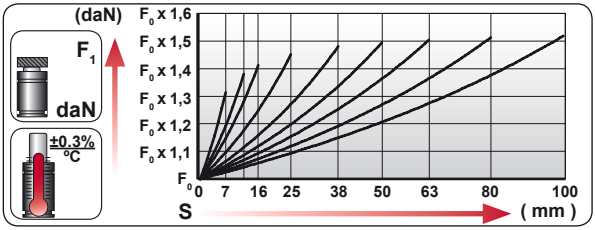
*Low Profile*

AZOL GAS



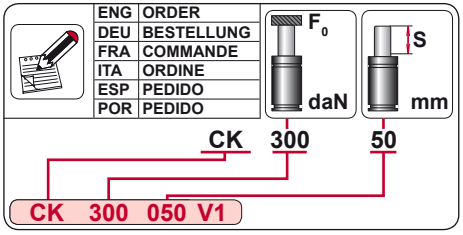

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CK 300 007 V1 | 7 | 53 | 46 | 0.21 |
| CK 300 012 V1 | 12 | 63 | 51 | 0.23 |
| CK 300 016 V1 | 16 | 71 | 55 | 0.25 |
| CK 300 025 V1 | 25 | 89 | 64 | 0.28 |
| CK 300 038 V1 | 38 | 115 | 77 | 0.33 |
| CK 300 050 V1 | 50 | 139 | 89 | 0.38 |
| CK 300 063 V1 | 63 | 165 | 102 | 0.43 |
| CK 300 080 V1 | 80 | 199 | 119 | 0.50 |
| CK 300 100 V1 | 100 | 239 | 139 | 0.57 |

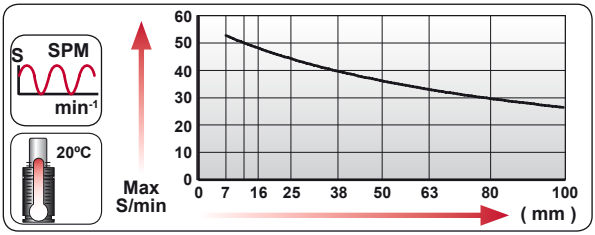


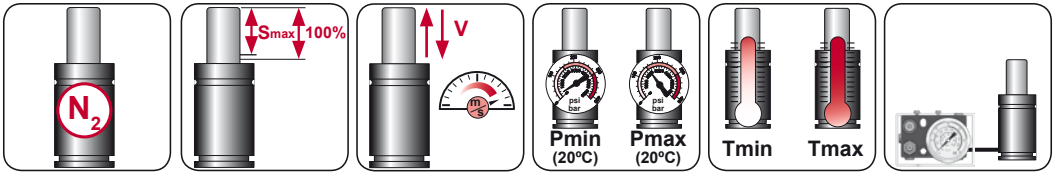




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CK 300 050 V1 | 150 | 2175 | 300 | 460 |
| --------- | --- | --- | --- | --- |

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

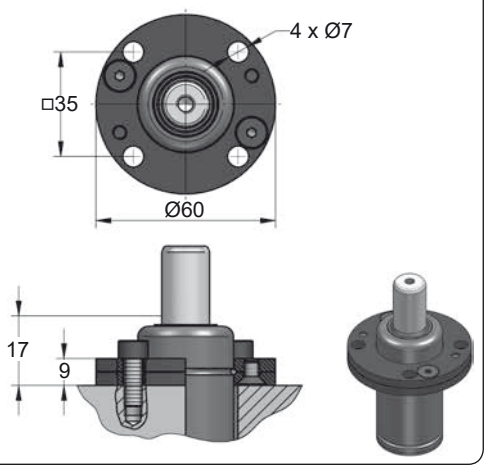
AZOL GAS

# CK 300 V1 MOUNTS

*Low Profile*

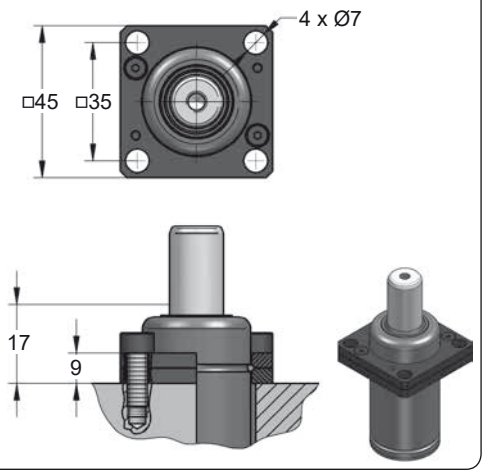
## A14-032

ISO E24.54.815.G EM24.54.700/F

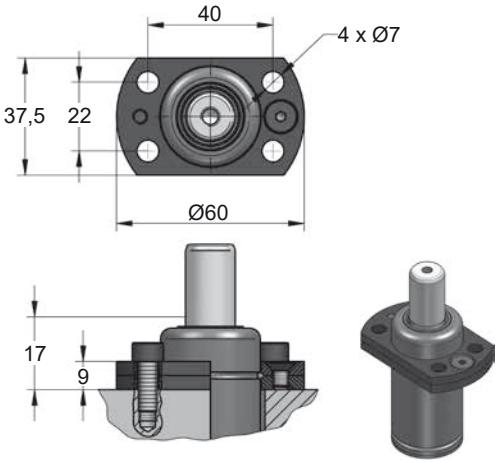



## A34-032

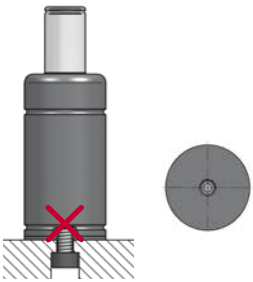
VDI




## A44-032




## Single base thread

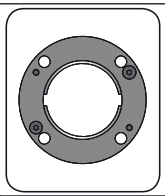


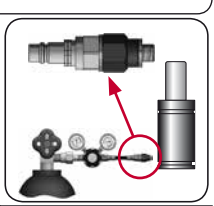
Gas springs with only a single base thread should not be mounted by screws.







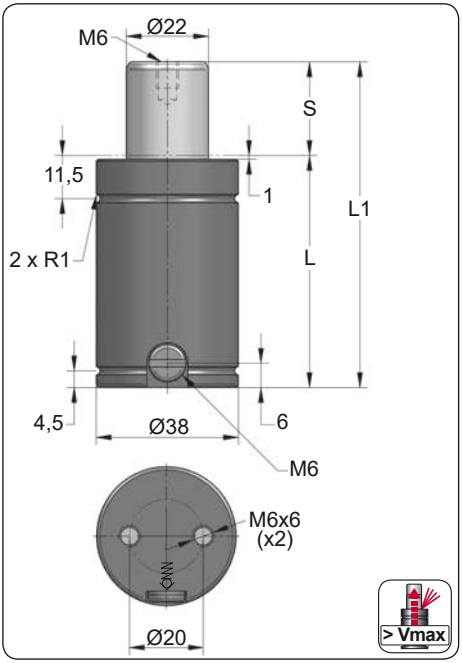


| CODE | | CK 300 050 V1 | | A14-032 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

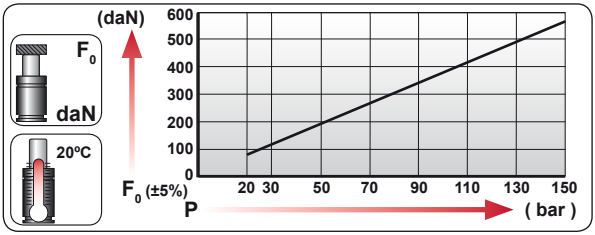
# CK 570 V1

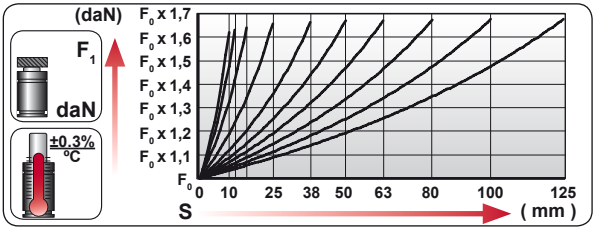
*Low Profile*

AZOL GAS



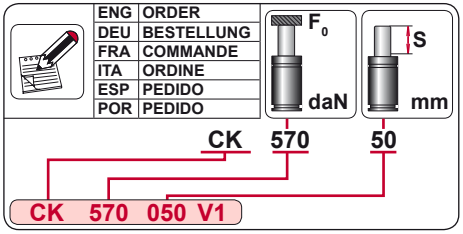

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CK 570 010 V1 | 10 | 57 | 47 | 0.33 |
| CK 570 012 V1 | 12 | 61 | 49 | 0.33 |
| CK 570 016 V1 | 16 | 69 | 53 | 0.35 |
| CK 570 025 V1 | 25 | 87 | 62 | 0.39 |
| CK 570 038 V1 | 38 | 113 | 75 | 0.45 |
| CK 570 050 V1 | 50 | 137 | 87 | 0.51 |
| CK 570 063 V1 | 63 | 163 | 100 | 0.57 |
| CK 570 080 V1 | 80 | 197 | 117 | 0.64 |
| CK 570 100 V1 | 100 | 237 | 137 | 0.73 |
| CK 570 125 V1 | 125 | 287 | 162 | 0.85 |

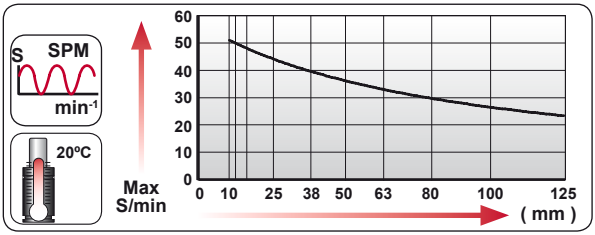


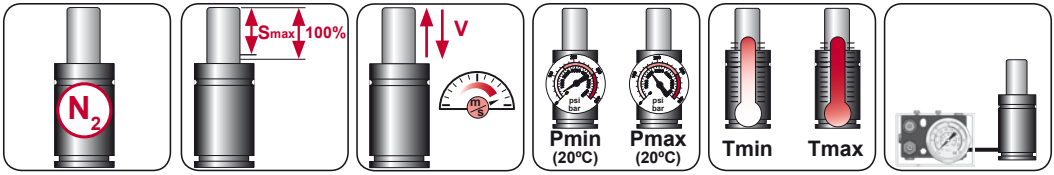




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CK 570 050 V1 | 150 | 2175 | 570 | 915 |
| CK-H 570 050 V1 | 0 | 0 | --- | --- |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

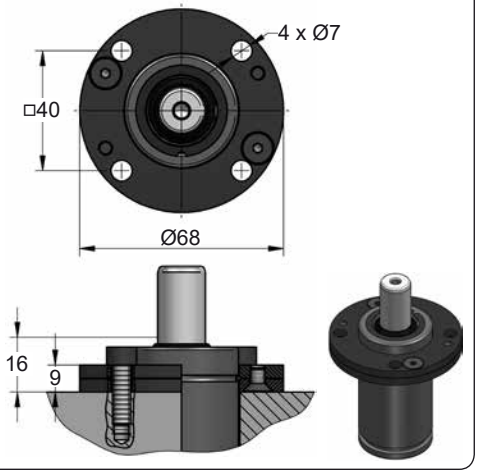
AZOL GAS

# CK 570 V1 MOUNTS

*Low Profile*

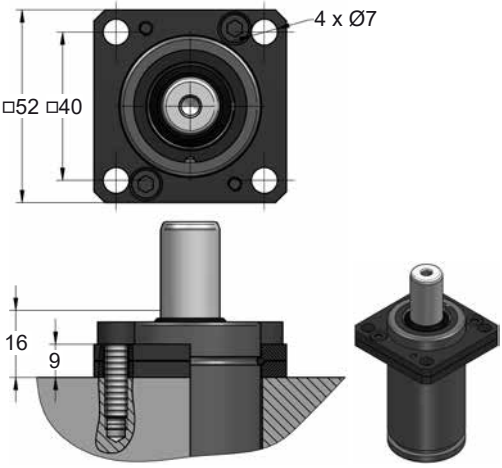
## A14-038

ISO E24.54.815.G EM24.54.700/F

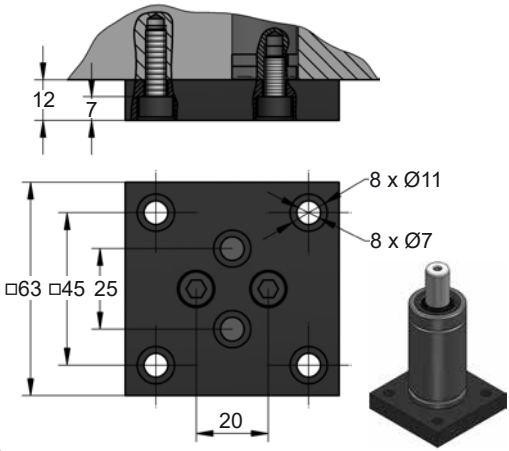



## A34-038

ISO VDI

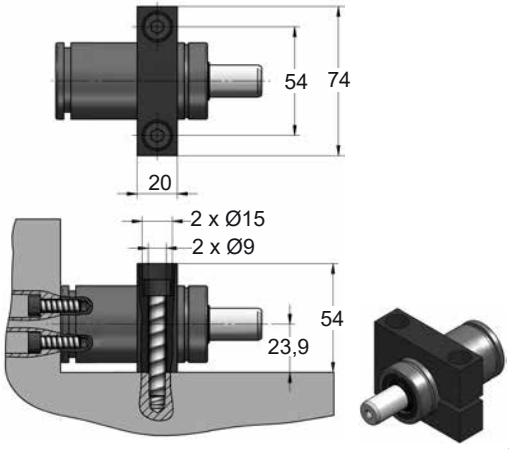



## B76-038




## D67-038

VDI

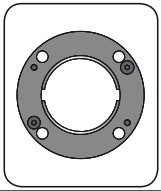


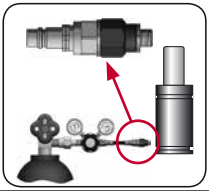










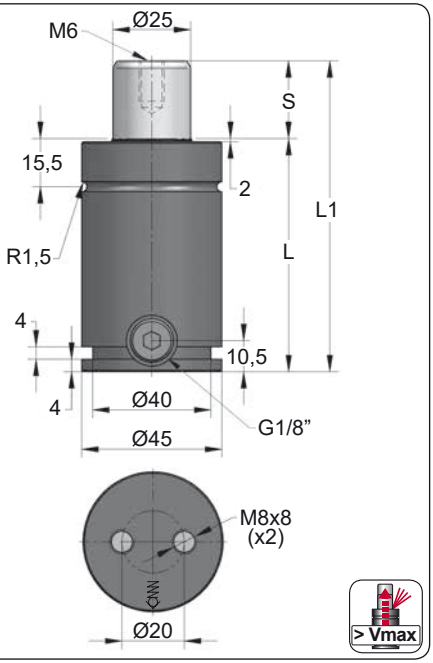


| CODE | | CK 570 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-038 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

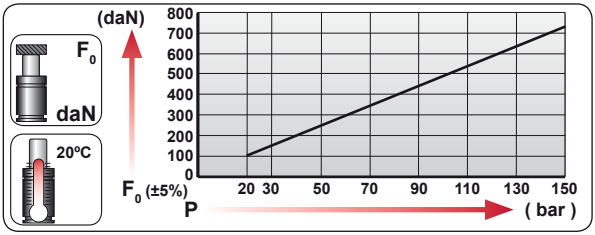
# CK 750 V1

*Low Profile*

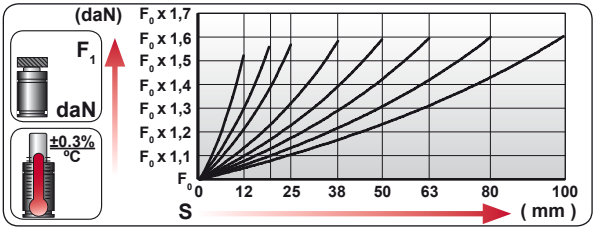
AZOL GAS



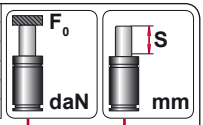

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CK 750 012 V1 | 12 | 74 | 62 | 0.58 |
| CK 750 019 V1 | 19 | 88 | 69 | 0.62 |
| CK 750 025 V1 | 25 | 100 | 75 | 0.66 |
| CK 750 038 V1 | 38 | 126 | 88 | 0.74 |
| CK 750 050 V1 | 50 | 150 | 100 | 0.81 |
| CK 750 063 V1 | 63 | 176 | 113 | 0.89 |
| CK 750 080 V1 | 80 | 210 | 130 | 1.00 |
| CK 750 100 V1 | 100 | 250 | 150 | 1.12 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CK 750 050 V1 | 150 | 2175 | 740 | 1180 |
| CK-H 750 050 V1 | 0 | 0 | --- | --- |

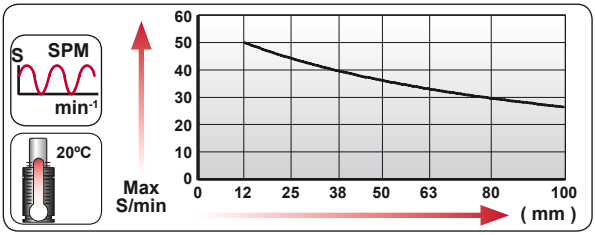


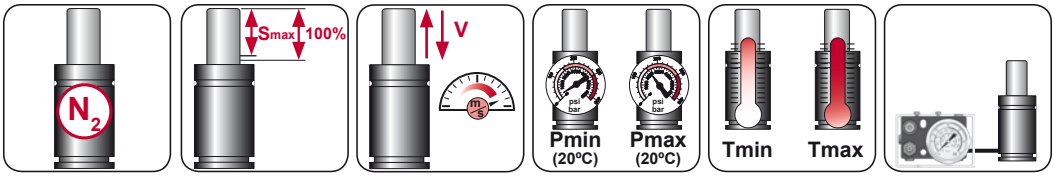

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CK 750 50

CK 750 050 V1



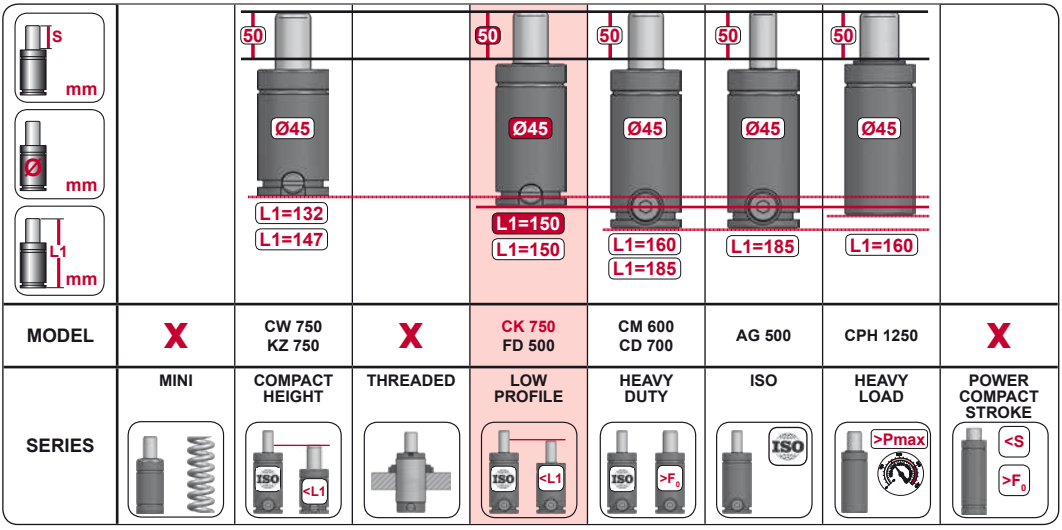




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

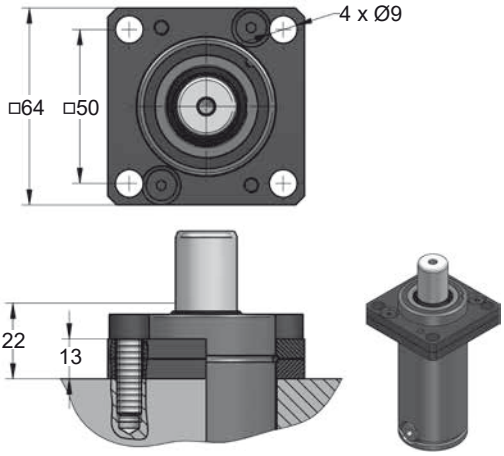
# CK 750 V1 MOUNTS

*Low Profile*

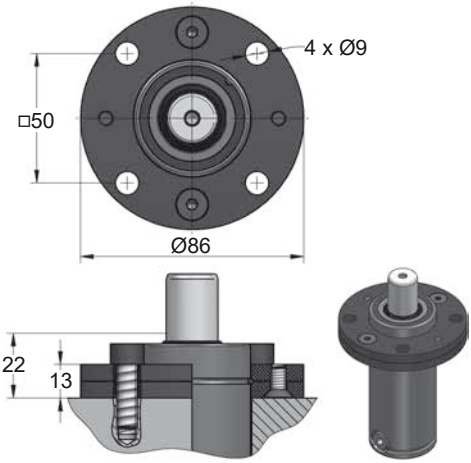



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MODEL | X | CW 750<br>KZ 750 | X | CK 750<br>FD 500 | CM 600<br>CD 700 | AG 500 | CPH 1250 | X |
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A69-045




## A74-045

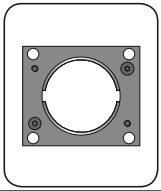


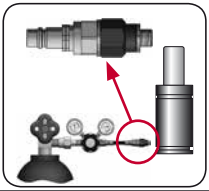












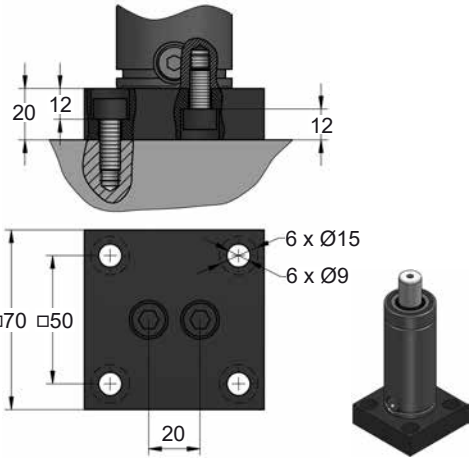
| CODE | | CK 750 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A69-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CK 750 V1 *MOUNTS*

*Low Profile*

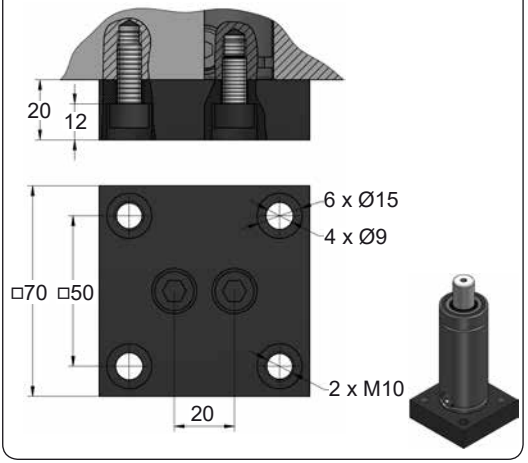
AZOL GAS

## B21-045

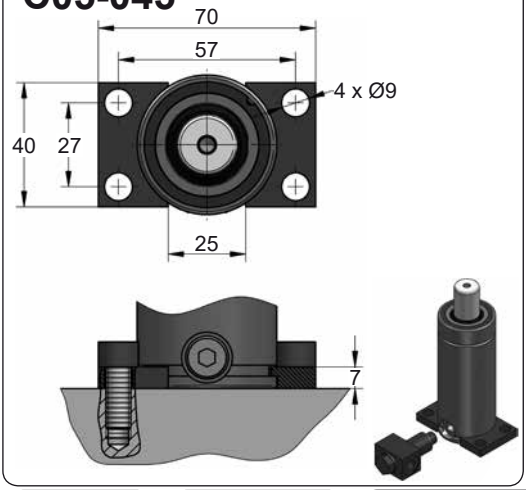



## B76-045

ISO E24.54.815.G

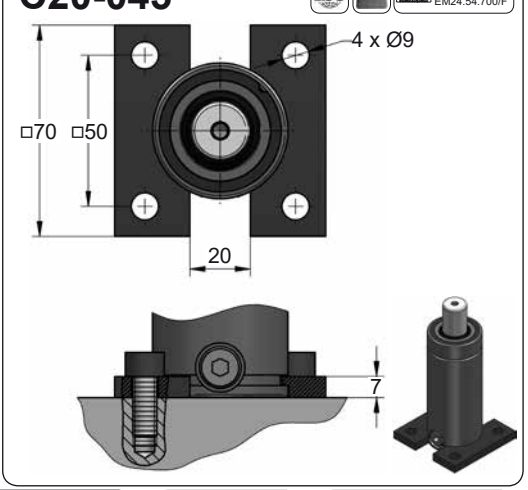



## C05-045




## C20-045

ISO VDI E24.54.815.G EM24.54.700/F

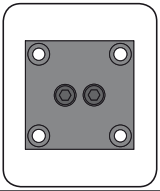


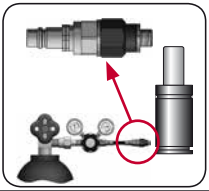












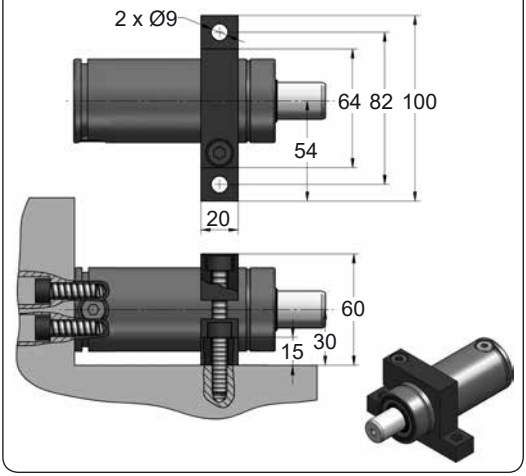
| CODE | | CK 750 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

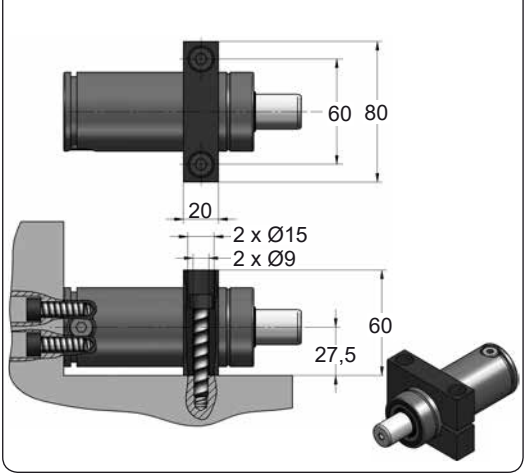
# CK 750 V1 MOUNTS

*Low Profile*

## D02-045




## D67-045

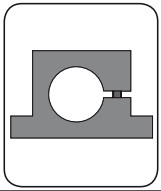


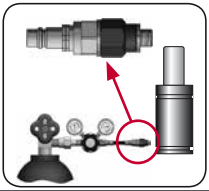










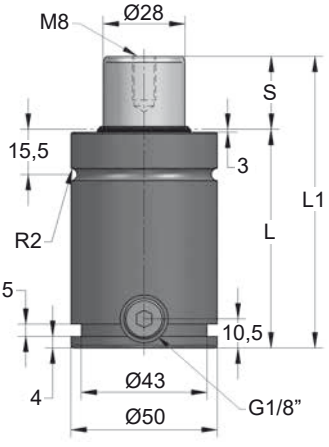


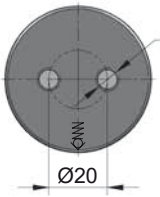
| CODE | | CK 750 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CK 1000 V1

*Low Profile*

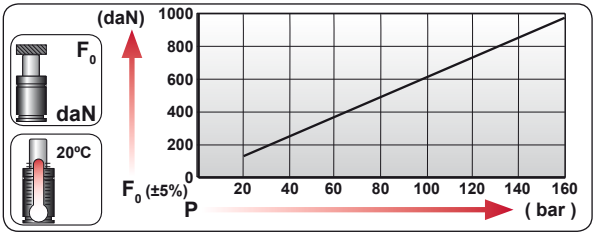
AZOL GAS



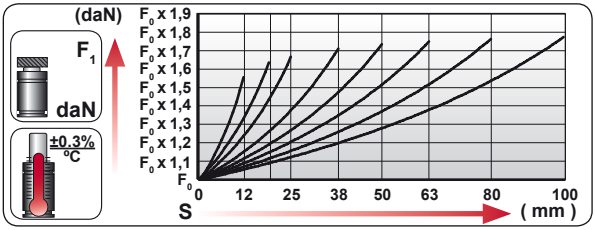




> Vmax

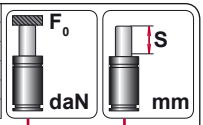
| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CK 1000 012 V1 | 12 | 74 | 62 | 0.71 |
| CK 1000 019 V1 | 19 | 88 | 69 | 0.77 |
| CK 1000 025 V1 | 25 | 100 | 75 | 0.82 |
| CK 1000 038 V1 | 38 | 126 | 88 | 0.93 |
| CK 1000 050 V1 | 50 | 150 | 100 | 1.03 |
| CK 1000 063 V1 | 63 | 176 | 113 | 1.14 |
| CK 1000 080 V1 | 80 | 210 | 130 | 1.28 |
| CK 1000 100 V1 | 100 | 250 | 150 | 1.45 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CK 1000 050 V1 | 160 | 2320 | 985 | 1710 |
| CK-H 1000 050 V1 | 0 | 0 | --- | --- |

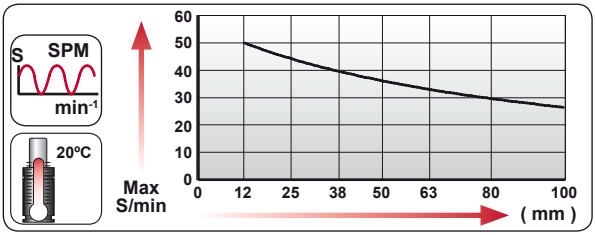


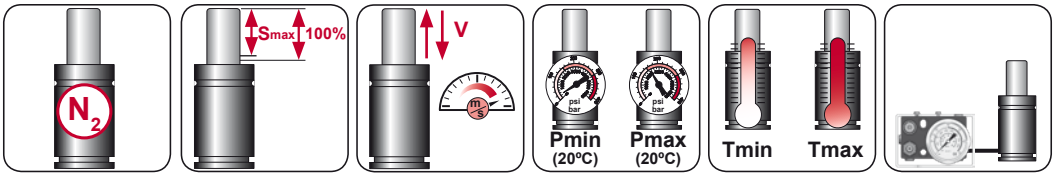

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CK 1000 50

CK 1000 050 V1



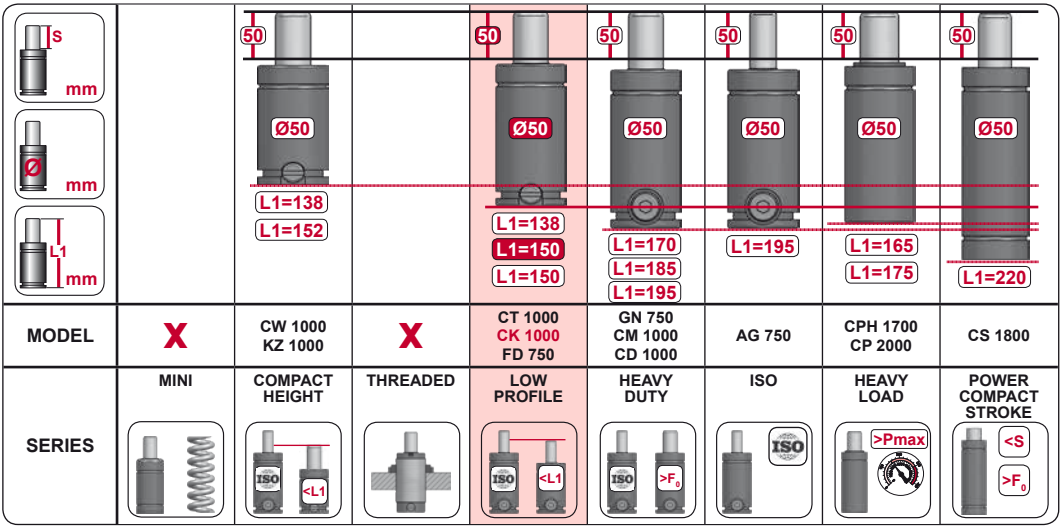




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 160 2320 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CK 1000 V1 *MOUNTS*

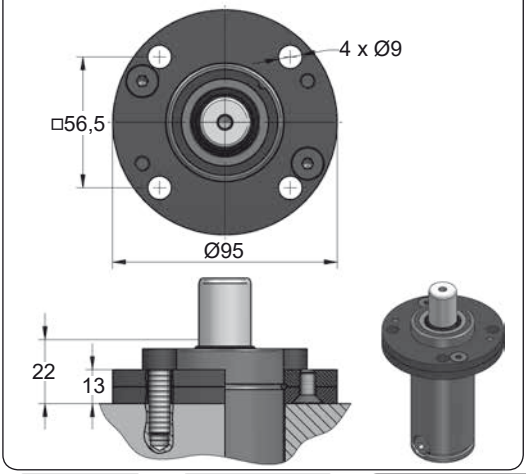
*Low Profile*




| MODEL | X | CW 1000 KZ 1000 | X | CT 1000 CK 1000 FD 750 | GN 750 CM 1000 CD 1000 | AG 750 | CPH 1700 CP 2000 | CS 1800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

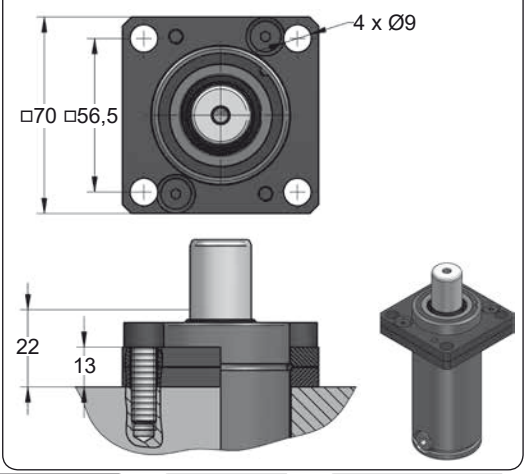
## A14-050

ISO E24.54.815.G EM24.54.700/F




## A34-050

ISO VDI

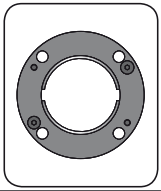


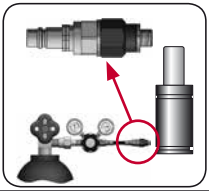












| CODE | | CK 1000 050 V1 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

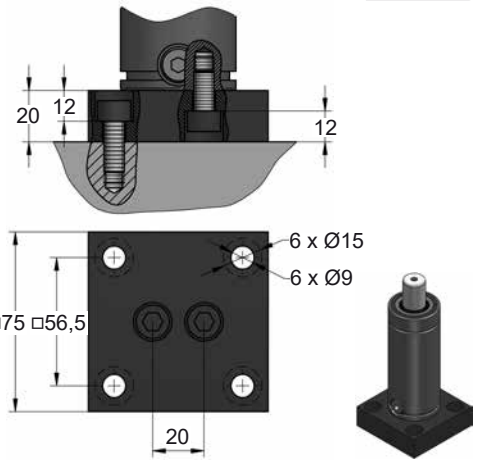
# CK 1000 V1 MOUNTS

*Low Profile*

AZOL GAS

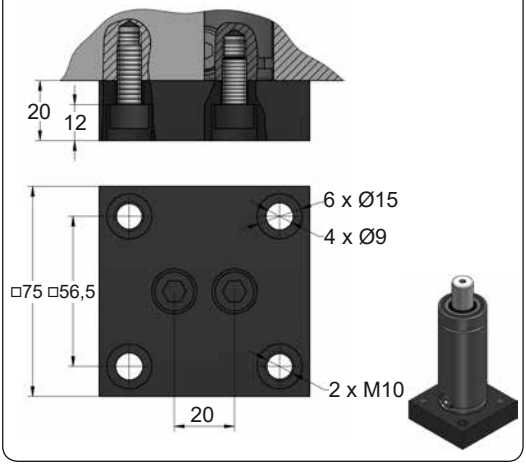
## B21-050

EM24.54.700/F

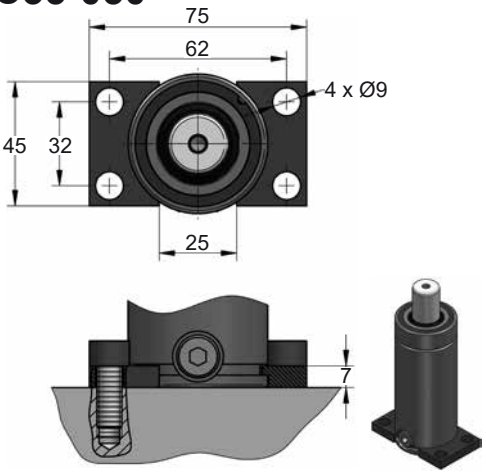



## B76-050

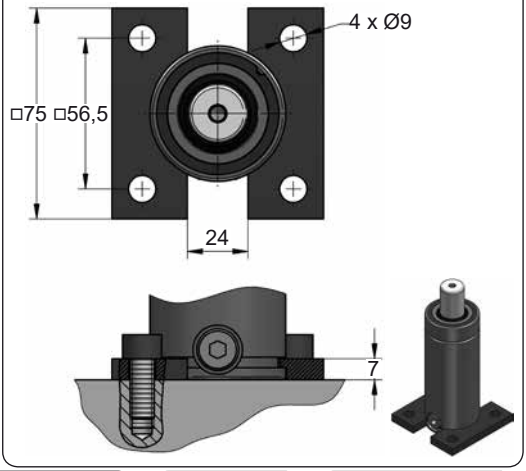
ISO E24.54.815.G EM24.54.700/F




## C35-050




## C50-050

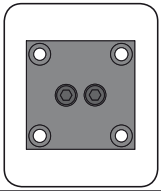


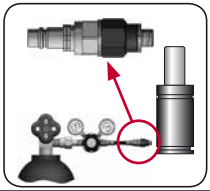












| CODE | | CK 1000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

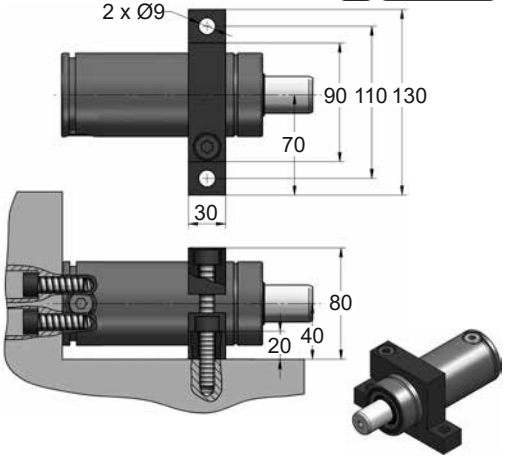
AZOL GAS

# CK 1000 V1 *MOUNTS*

*Low Profile*

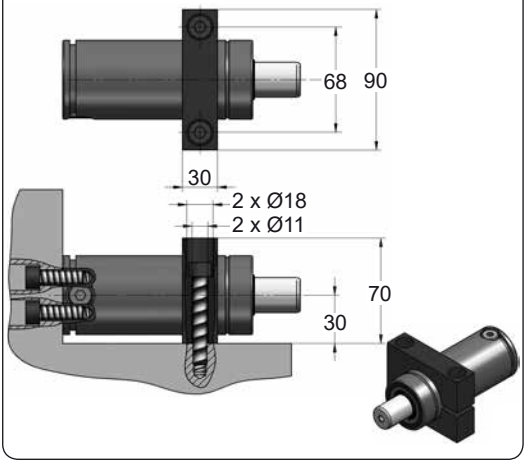
## D02-050

ISO E24.54.815.G EM24.54.700/F




## D67-050

VDI

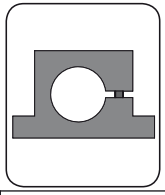


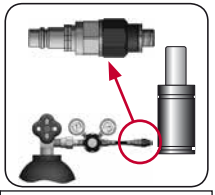










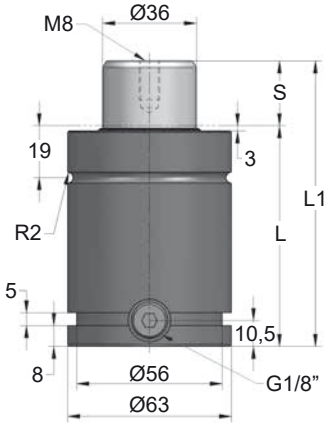


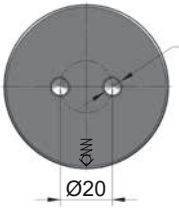
| CODE | | CK 1000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CK 1500 V2

*Low Profile*

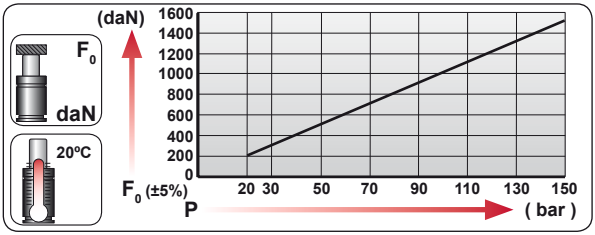
AZOL GAS

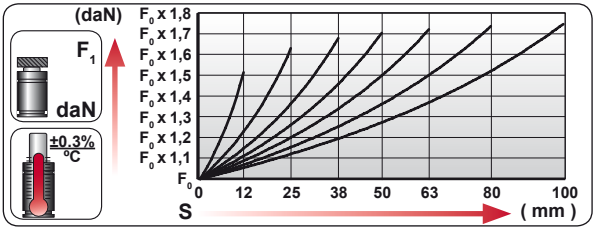



> Vmax

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CK 1500 012 V2 | 12 | 84 | 72 | 1.28 |
| CK 1500 025 V2 | 25 | 110 | 85 | 1.44 |
| CK 1500 038 V2 | 38 | 136 | 98 | 1.61 |
| CK 1500 050 V2 | 50 | 160 | 110 | 1.77 |
| CK 1500 063 V2 | 63 | 186 | 123 | 1.93 |
| CK 1500 080 V2 | 80 | 220 | 140 | 2.15 |
| CK 1500 100 V2 | 100 | 260 | 160 | 2.41 |



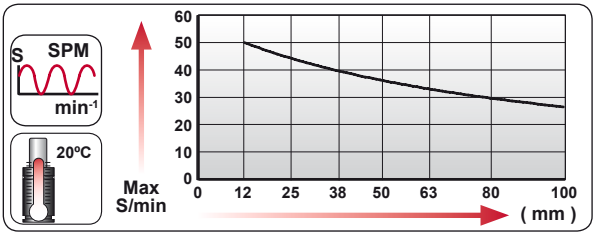

| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| CK 1500 050 V2 | 150 | 2175 | 1530 | 2605 |
| CK-H 1500 050 V2 | 0 | 0 | --- | --- |

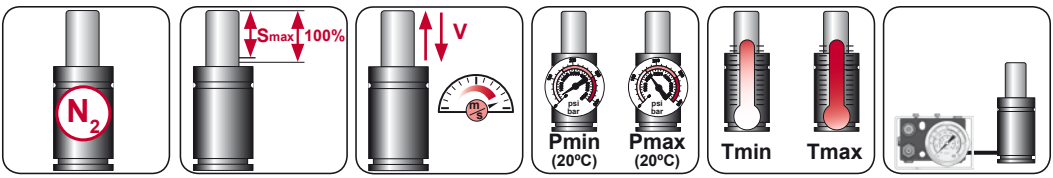
| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN | S mm

CK 1500 50

CK 1500 050 V2



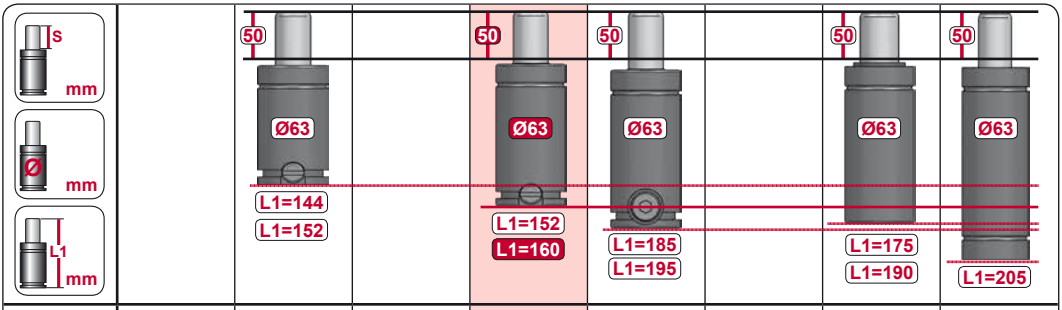




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

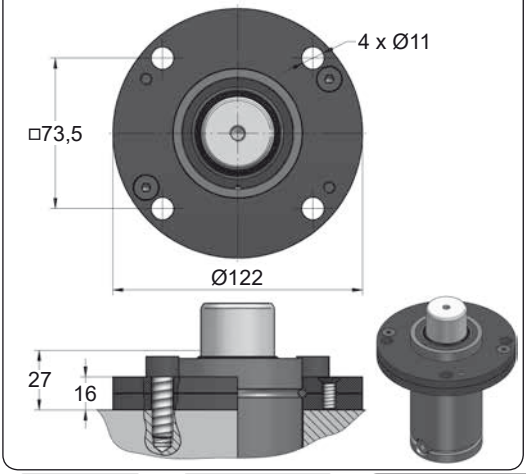
# CK 1500 V2 MOUNTS

*Low Profile*

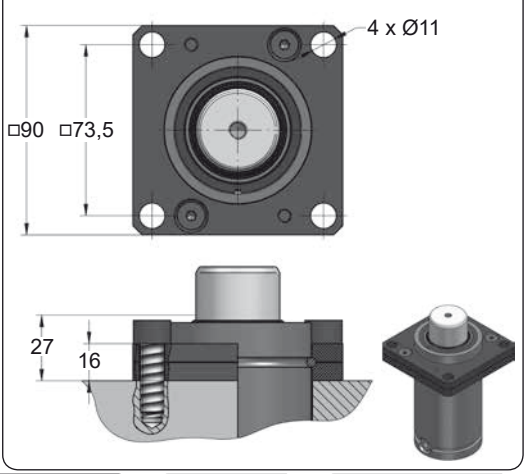



| MODEL | X | CW 1500 KZ 1500 | X | CT 1500 CK 1500 | CM 1500 CD 1500 | X | CPH 2800 CP 3000 | CS 3000 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-063




## A39-063

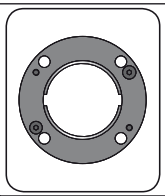


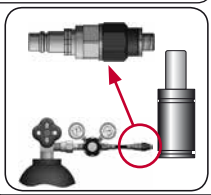












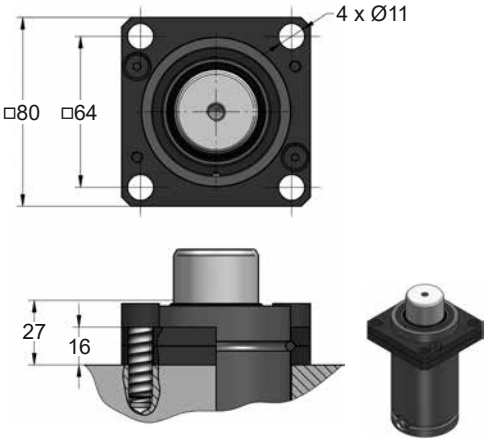
| CODE | | CK 1500 050 V2 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CK 1500 V2 *MOUNTS*

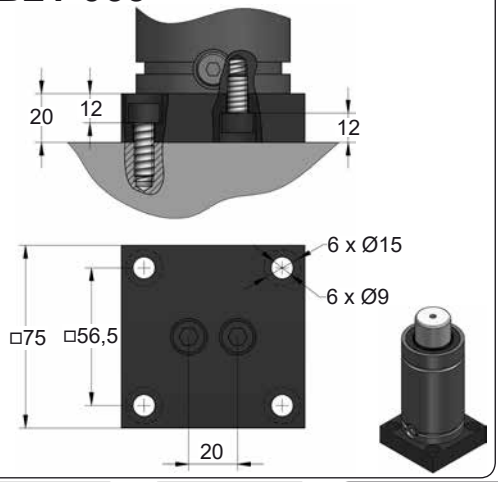
*Low Profile*

AZOL GAS

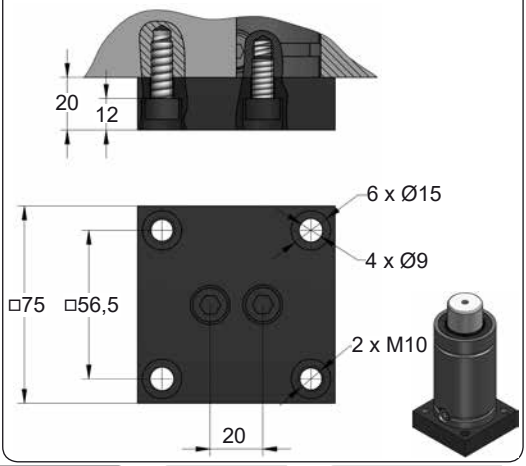
## A69-063




## B21-063




## B76-063

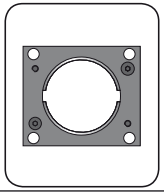


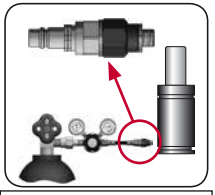












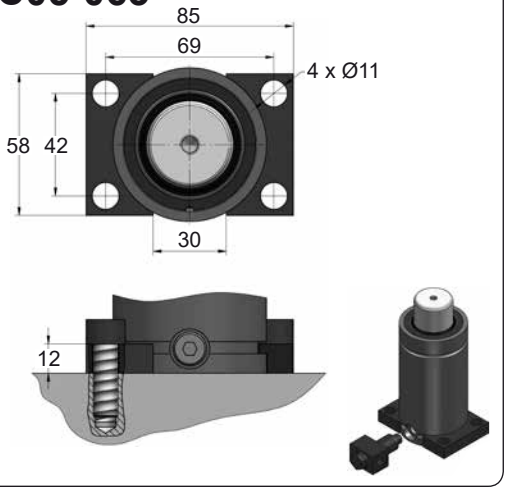
| CODE | | CK 1500 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A69-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

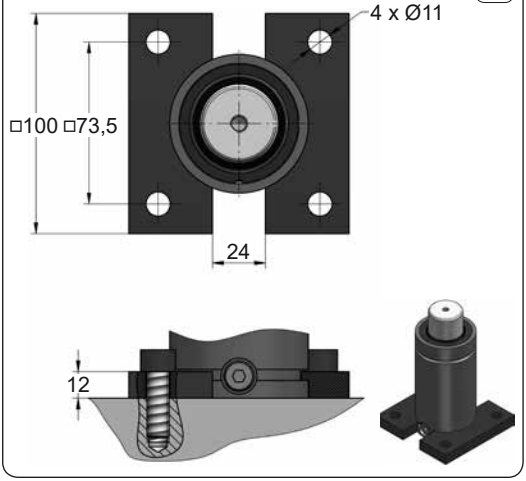
# CK 1500 V2 MOUNTS

*Low Profile*

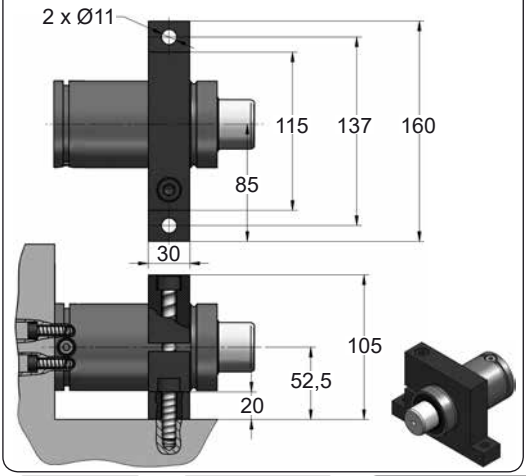
## C05-063



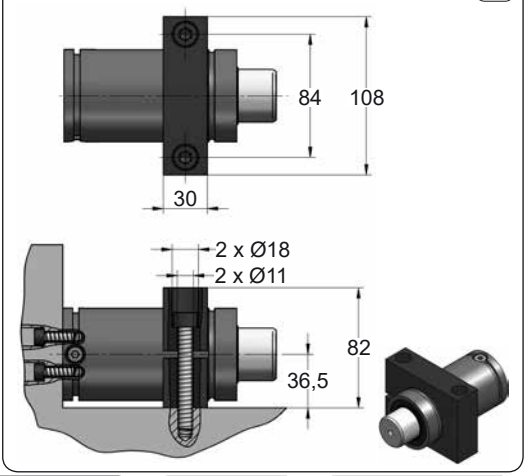

## C35-063




## D02-063




## D67-063

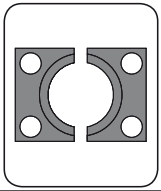


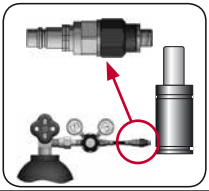










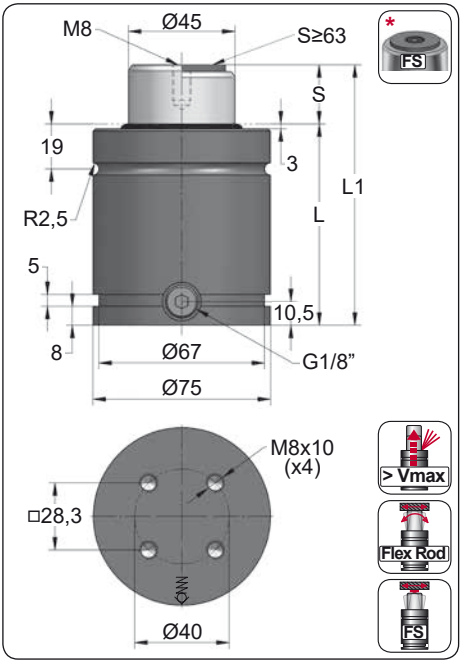


| CODE | | CK 1500 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

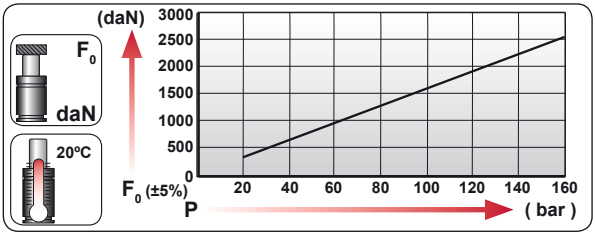
# CK 2500 V1

*Low Profile*

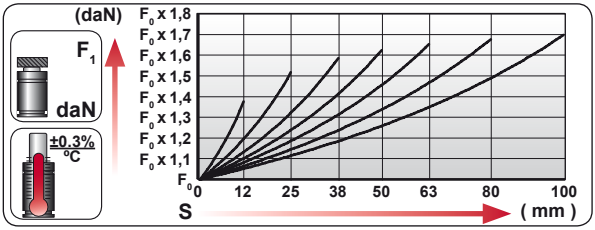
AZOL GAS



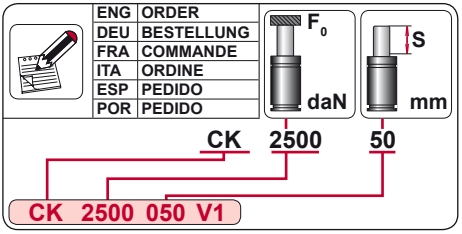

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CK 2500 012 V1 | 12 | 84 | 72 | 1.82 |
| CK 2500 025 V1 | 25 | 110 | 85 | 2.05 |
| CK 2500 038 V1 | 38 | 136 | 98 | 2.27 |
| CK 2500 050 V1 | 50 | 160 | 110 | 2.48 |
| CK 2500 063 V1 * | 63 | 186 | 123 | 2.70 |
| CK 2500 080 V1 * | 80 | 220 | 140 | 2.99 |
| CK 2500 100 V1 * | 100 | 260 | 160 | 3.33 |

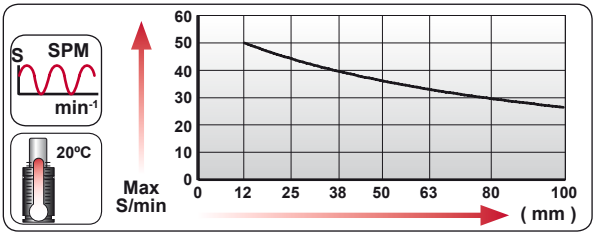


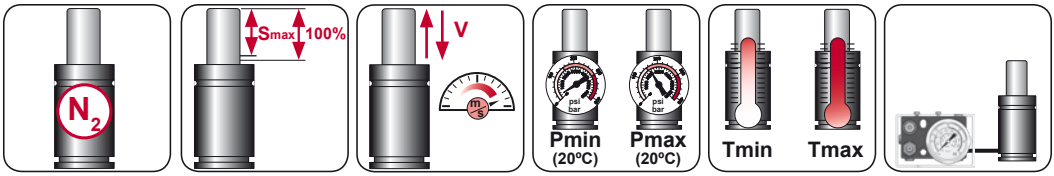

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CK 2500 050 V1 | 160 | 2320 | 2545 | 4135 |
| CK-H 2500 050 V1 | 0 | 0 | --- | --- |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



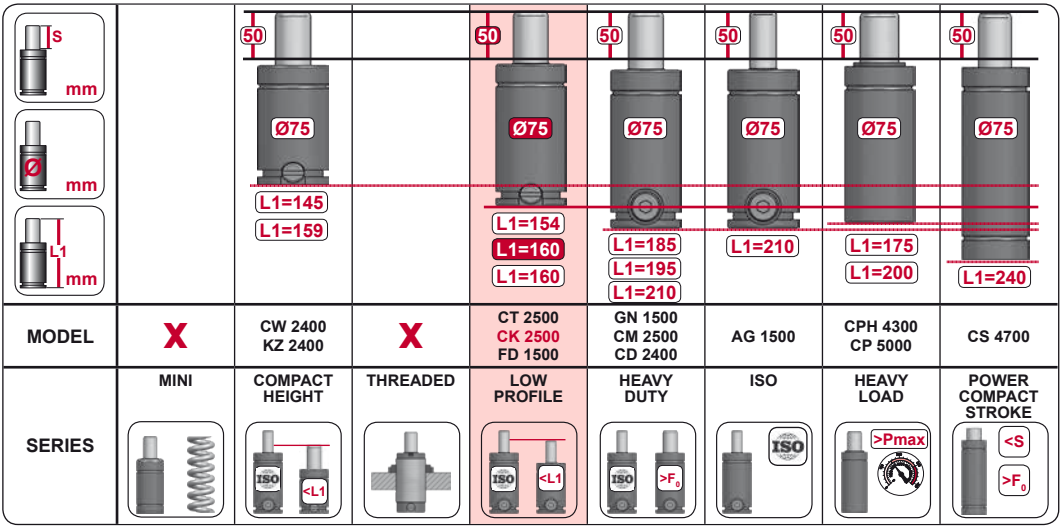




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 160 2320 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CK 2500 V1 *MOUNTS*

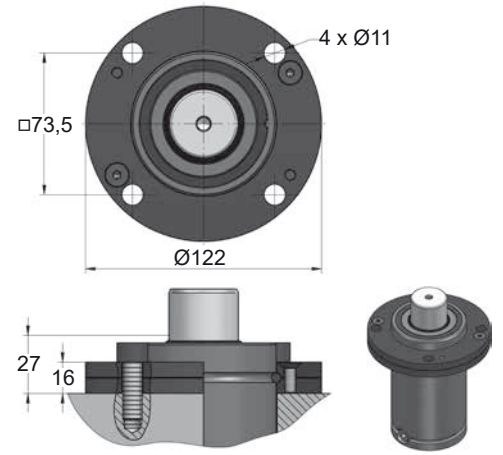
*Low Profile*




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **MODEL** | X | CW 2400<br>KZ 2400 | X | CT 2500<br>CK 2500<br>FD 1500 | GN 1500<br>CM 2500<br>CD 2400 | AG 1500 | CPH 4300<br>CP 5000 | CS 4700 |
| **SERIES** | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

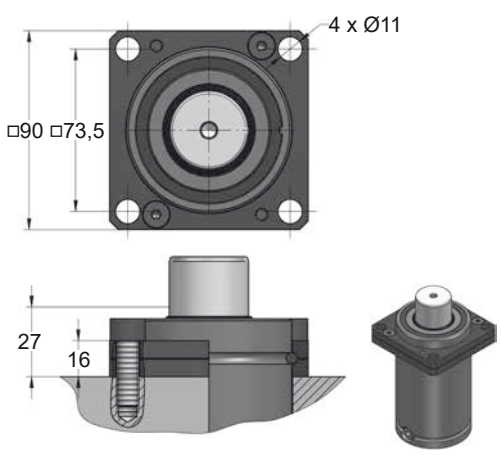
## A14-075

ISO E24.54.815.G EM24.54.700/F




## A34-075

ISO VDI

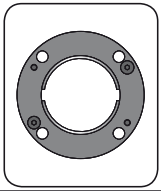


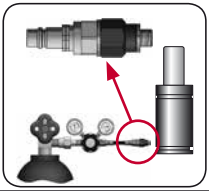












| CODE | | CK 2500 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

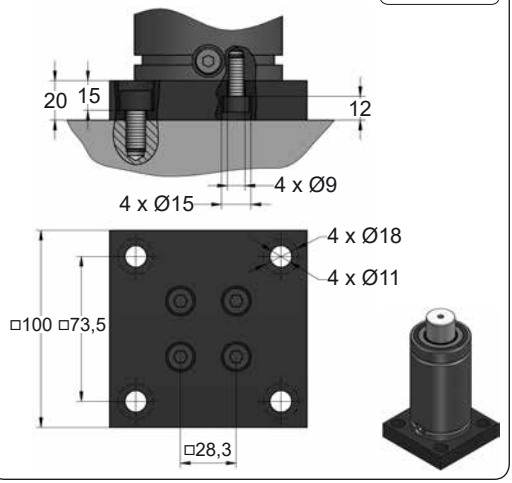
# CK 2500 V1 MOUNTS

*Low Profile*

AZOL GAS

## B21-075

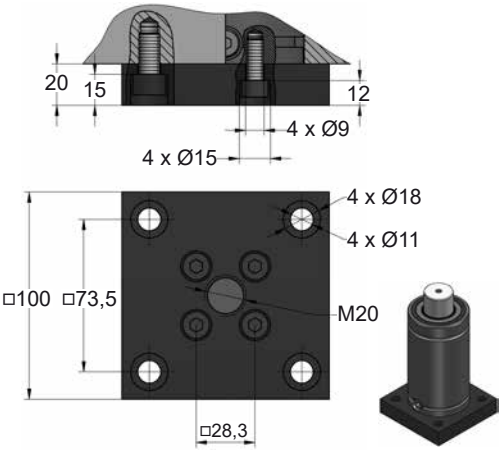
EM24.54.700/F



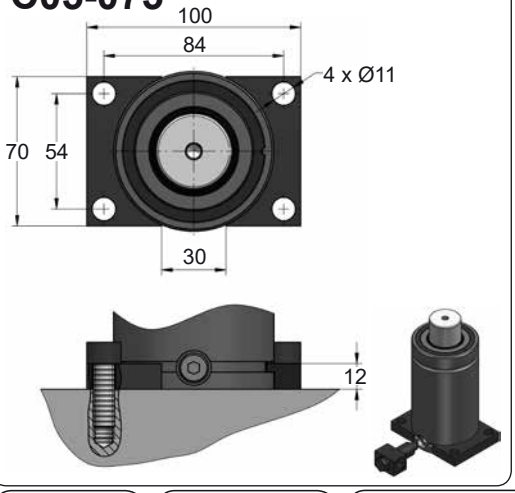

## B76-075

ISO

E24.54.815.G
EM24.54.700/F



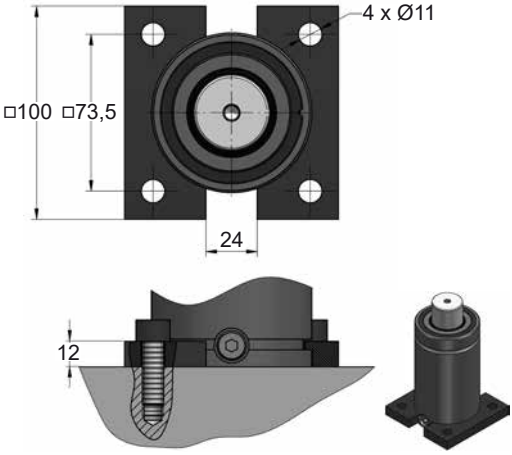

## C05-075




## C20-075

ISO VDI

E24.54.815.G
EM24.54.700/F

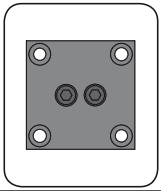


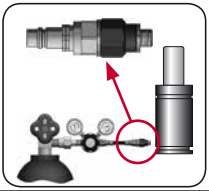












| CODE | | CK 2500 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

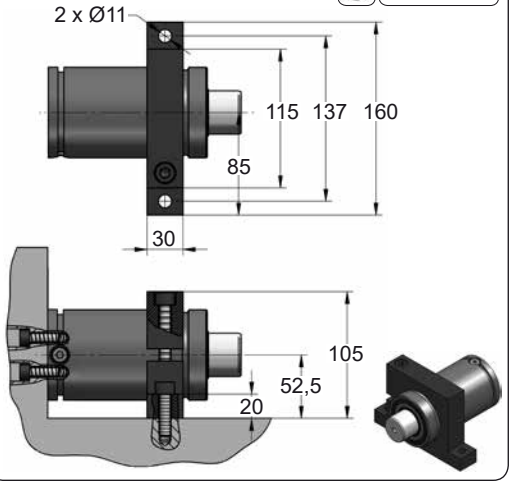
AZOL GAS

# CK 2500 V1 *MOUNTS*

*Low Profile*

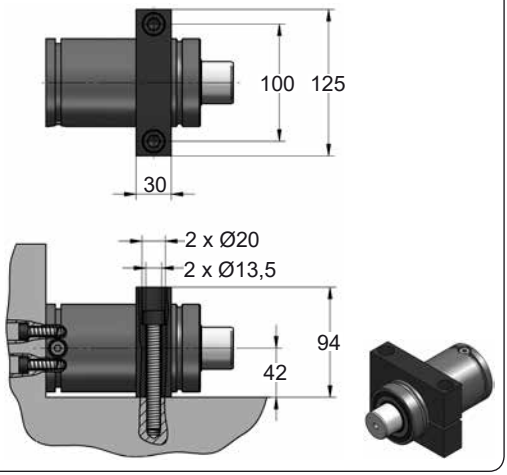
## D02-075

ISO E24.54.815.G EM24.54.700/F




## D67-075

VDI

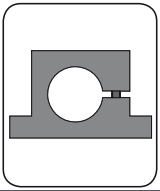


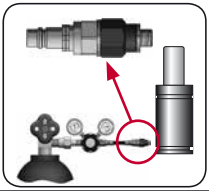










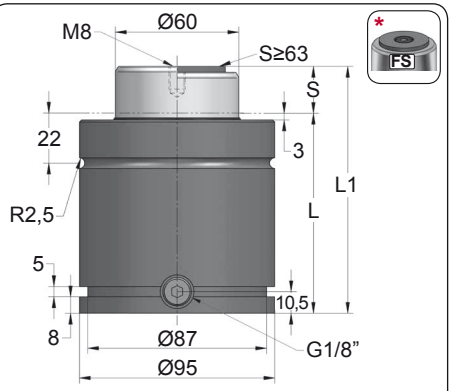


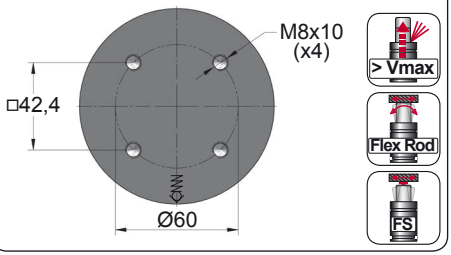
| CODE | | CK 2500 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CK 4000 V1

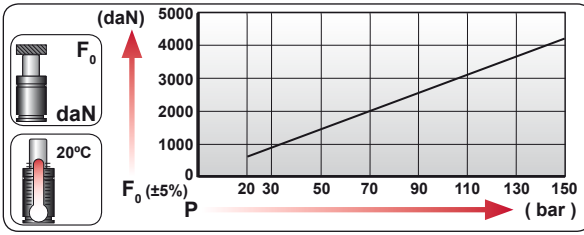
*Low Profile*

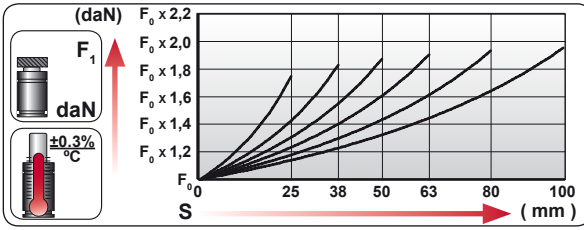
AZOL GAS



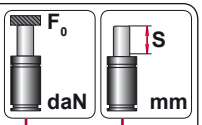

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CK 4000 025 V1 | 25 | 120 | 95 | 3.52 |
| CK 4000 038 V1 | 38 | 146 | 108 | 3.89 |
| CK 4000 050 V1 | 50 | 170 | 120 | 4.23 |
| CK 4000 063 V1 * | 63 | 196 | 133 | 4.60 |
| CK 4000 080 V1 * | 80 | 230 | 150 | 5.09 |
| CK 4000 100 V1 * | 100 | 270 | 170 | 5.66 |

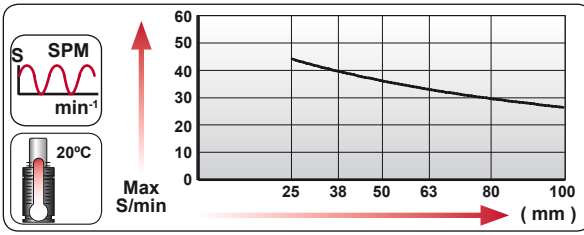


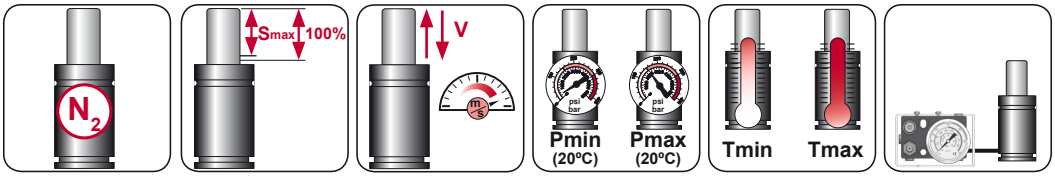




| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| CK 4000 050 V1 | 140 | 2030 | 3960 | 7415 |
| CK-H 4000 050 V1 | 0 | 0 | --- | --- |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



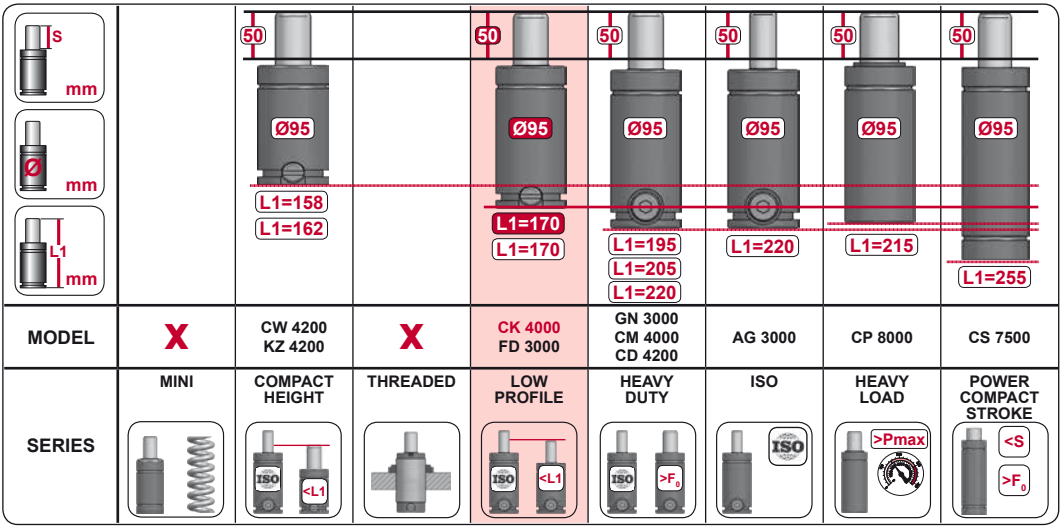




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CK 4000 V1 MOUNTS

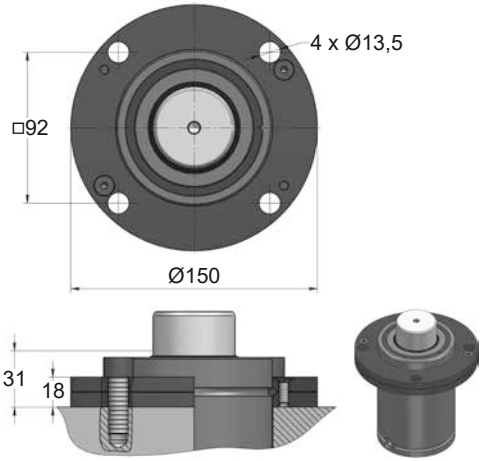
*Low Profile*




| MODEL | X | CW 4200 KZ 4200 | X | CK 4000 FD 3000 | GN 3000 CM 4000 CD 4200 | AG 3000 | CP 8000 | CS 7500 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

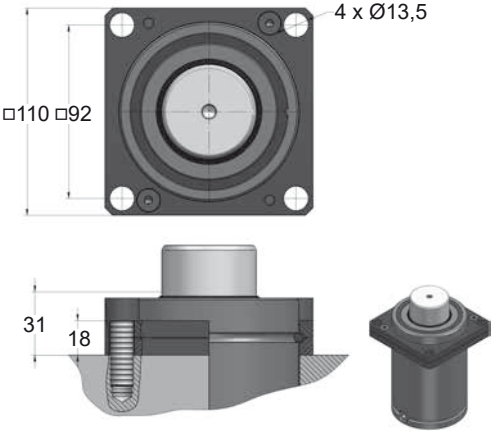
## A14-095

ISO E24.54.815.G EM24.54.700/F




## A34-095

ISO VDI

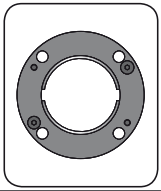


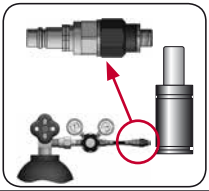












| CODE | | CK 4000 050 V1 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

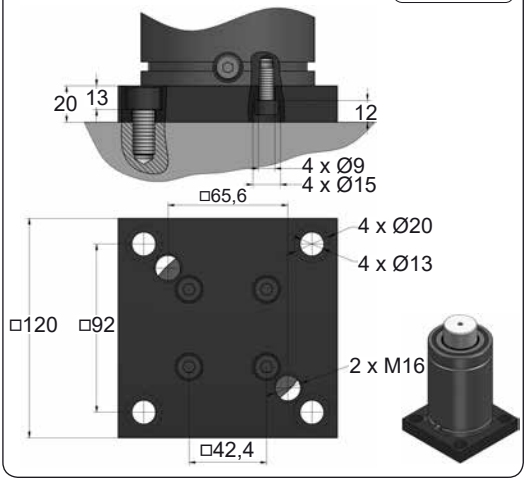
# CK 4000 V1 MOUNTS

*Low Profile*

AZOL GAS

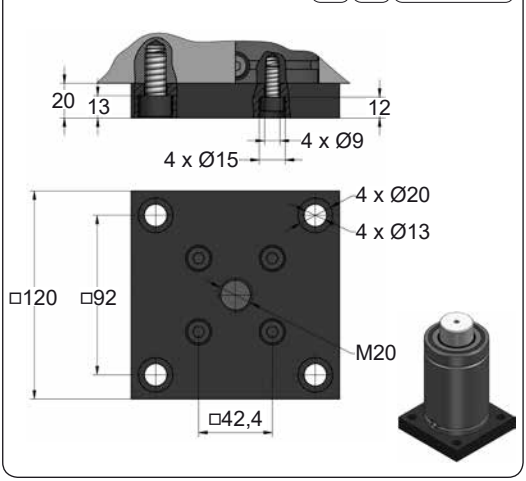
## B21-095

EM24.54.700/F

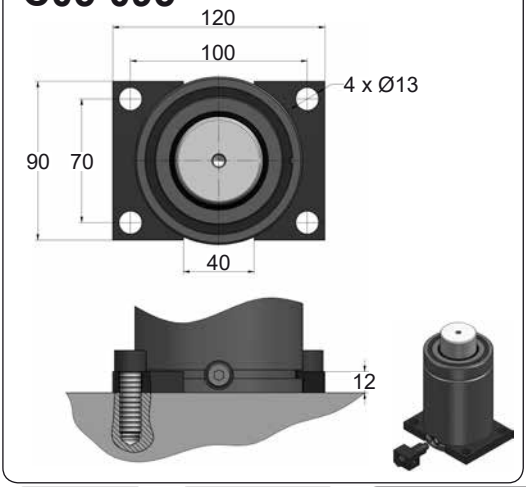



## B76-095

EM24.54.700/F

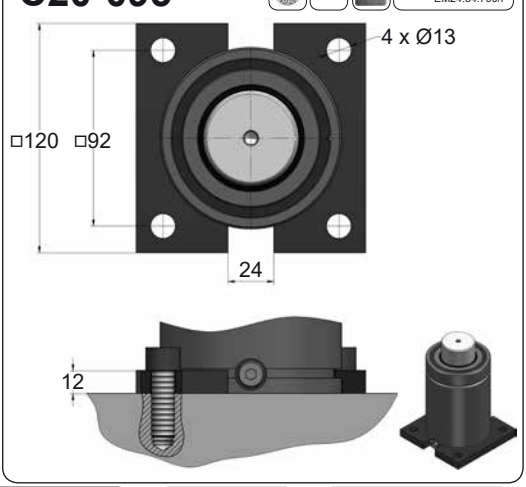



## C05-095




## C20-095

E24.54.815.G
EM24.54.700/F

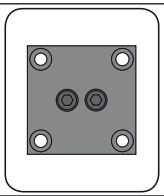


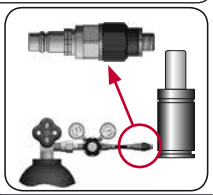












| CODE | | CK 4000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

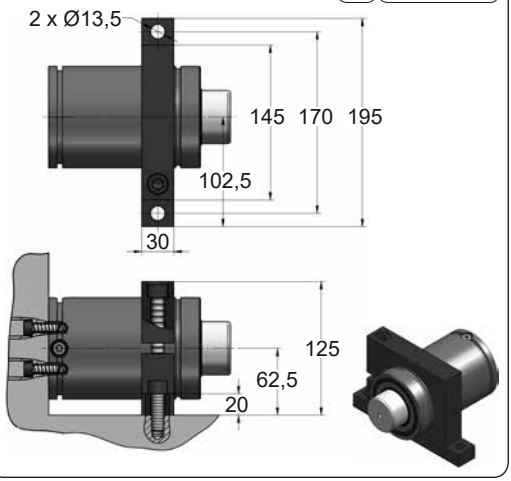
AZOL GAS

# CK 4000 V1 *MOUNTS*

*Low Profile*

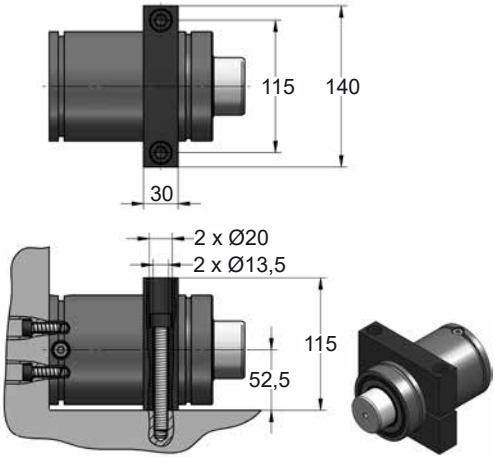
## D02-095

ISO E24.54.815.G EM24.54.700/F




## D67-095

VDI

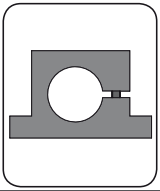


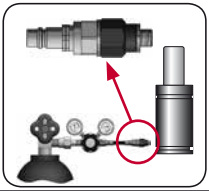










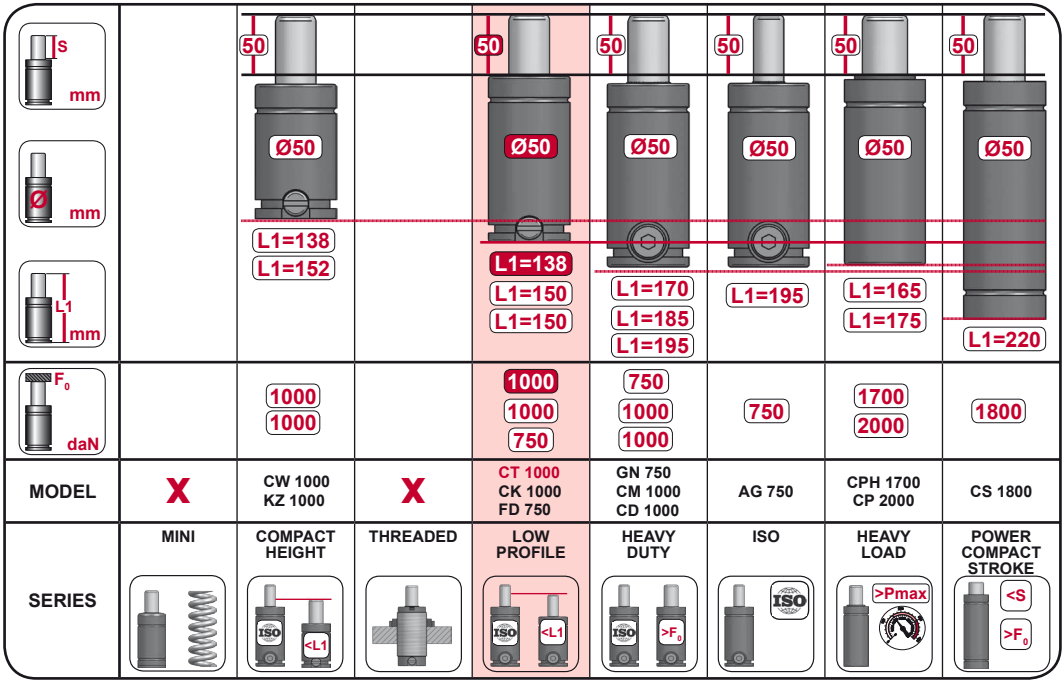


| CODE | | CK 4000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# CT LOW PROFILE SMALL

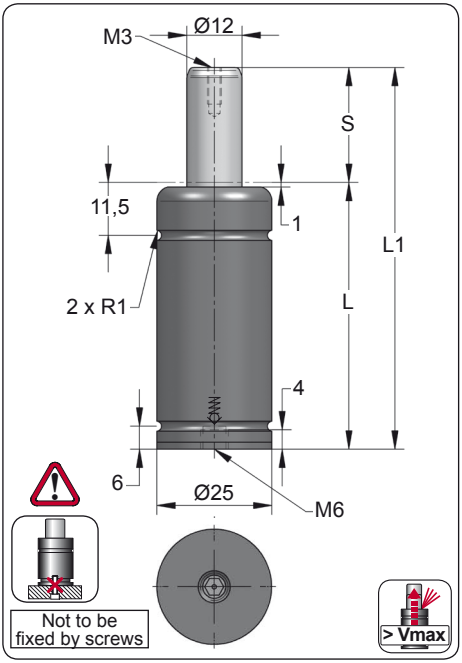
| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| CT 200 V1 | 200 | Ø25 | 7 - 80 | 47 - 193 | 180 | M6 | X | X |
| CT 300 V1 | 300 | Ø32 | 7 - 100 | 51 - 237 | 150 | M6 | X | X |
| CT 550 V1 | 550 | Ø38 | 12 - 125 | 56 - 282 | 150 | M6 | ✔ | ✔ |
| CT 1000 | 1000 | Ø50 | 10 - 125 | 58 - 288 | 160 | M6 | ✔ | ✔ |
| CT 1500 | 1500 | Ø63 | 12 - 125 | 76 - 302 | 150 | M6 | ✔ | ✔ |
| CT 3000 | 3000 | Ø75 | 12 - 125 | 78 - 304 | 150 | M6 | ✔ | ✔ |
| CT 5000 | 5000 | Ø105 | 12 - 125 | 84 - 310 | 150 | M6 | ✔ | ✔ |



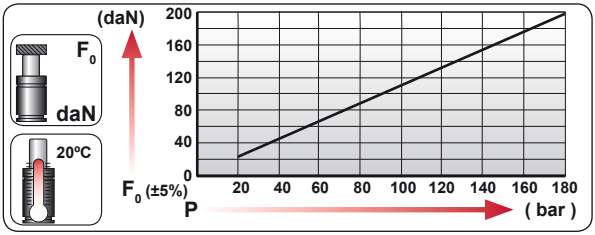
# CT 200 V1

*Low Profile*

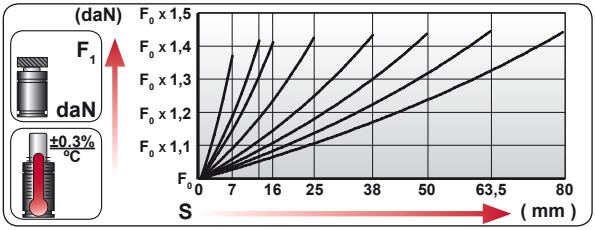
AZOL GAS



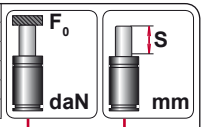

| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CT 200 007 V1 | 7 | 47 | 40 | 0.11 |
| CT 200 012 V1 | 12.7 | 58.4 | 45.7 | 0.29 |
| CT 200 016 V1 | 16 | 65 | 49 | 0.13 |
| CT 200 025 V1 | 25 | 83 | 58 | 0,35 |
| CT 200 038 V1 | 38 | 109 | 71 | 0,41 |
| CT 200 050 V1 | 50 | 133 | 83 | 0,46 |
| CT 200 063 V1 | 63.5 | 160 | 96.5 | 0,52 |
| CT 200 080 V1 | 80 | 193 | 113 | 0,60 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CT 200 050 V1 | 180 | 2610 | 200 | 295 |
| --------- | --- | --- | --- | --- |

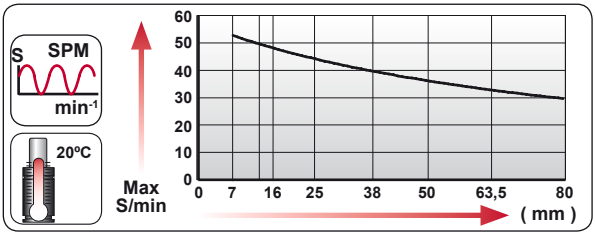


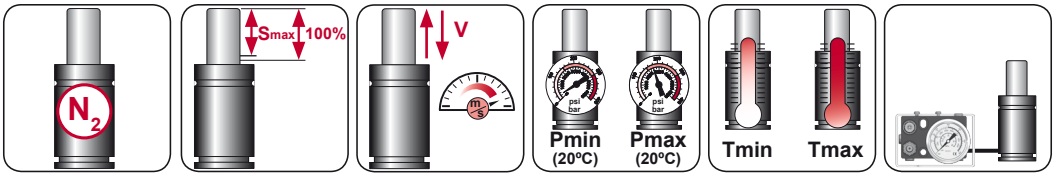

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CT 200 50

CT 200 050 V1



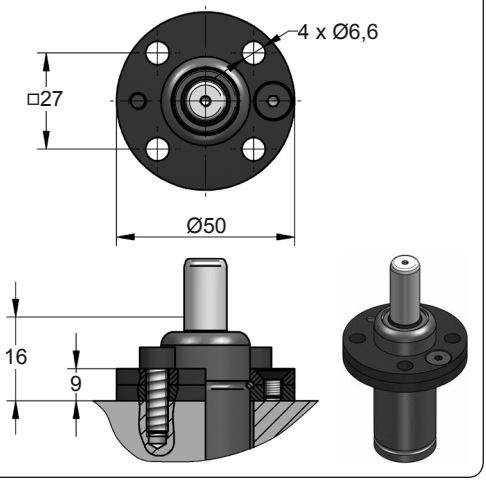

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

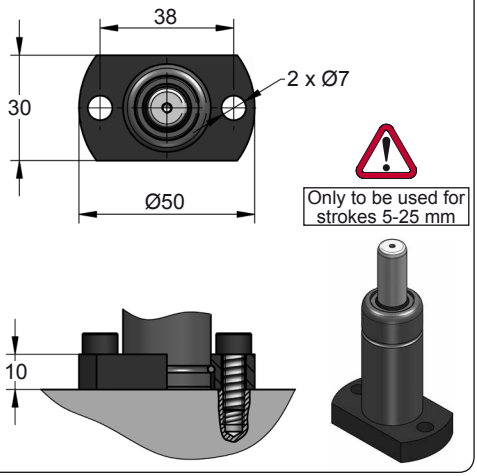
# CT 200 V1 MOUNTS

*Low Profile*

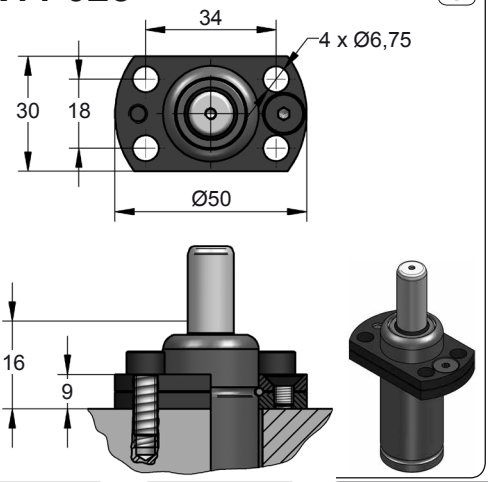
## A14-025



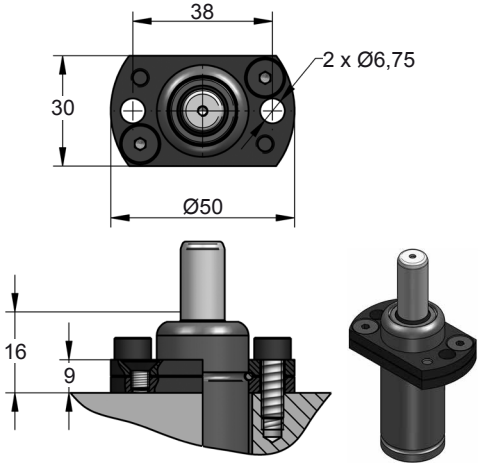

## A19-025




## A44-025




## A49-025

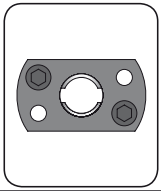


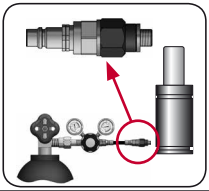










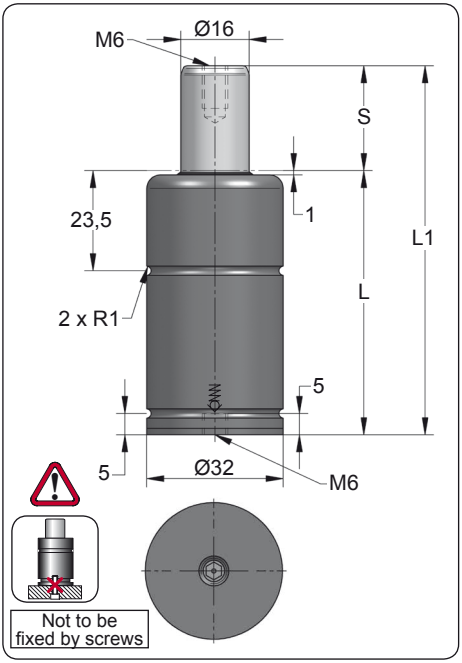


| CODE | | CT 200 050 V1 | | A19-025 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

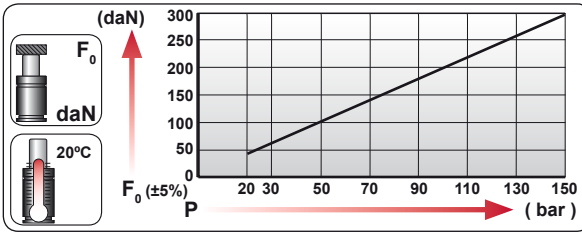
# CT 300 V1

*Low Profile*

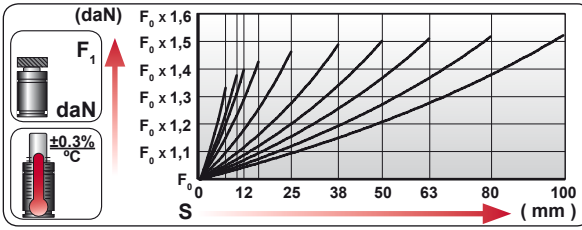
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CT 300 007 V1 | 7 | 51 | 44 | 0.22 |
| CT 300 010 V1 | 10 | 57 | 47 | 0.23 |
| CT 300 012 V1 | 12 | 61 | 49 | 0.24 |
| CT 300 016 V1 | 16 | 69 | 53 | 0.25 |
| CT 300 025 V1 | 25 | 87 | 62 | 0.28 |
| CT 300 038 V1 | 38 | 113 | 75 | 0.35 |
| CT 300 050 V1 | 50 | 137 | 87 | 0.37 |
| CT 300 063 V1 | 63 | 163 | 100 | 0.43 |
| CT 300 080 V1 | 80 | 197 | 117 | 0.49 |
| CT 300 100 V1 | 100 | 237 | 137 | 0.57 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CT 300 050 V1 | 150 | 2175 | 300 | 495 |
| --------- | --- | --- | --- | --- |

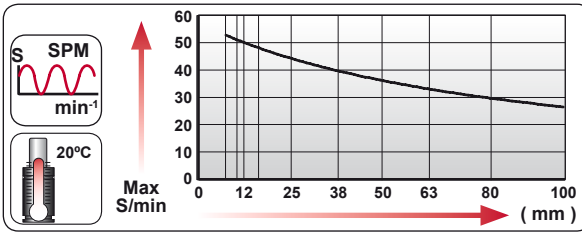


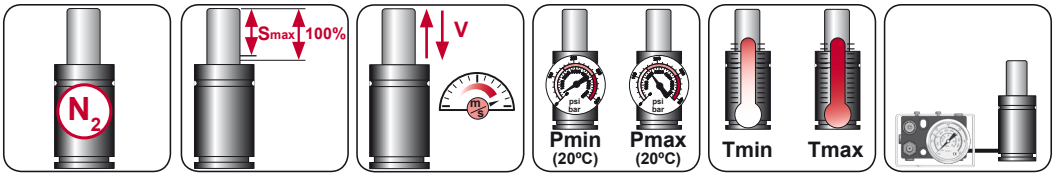

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CT 300 50

CT 300 050 V1




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

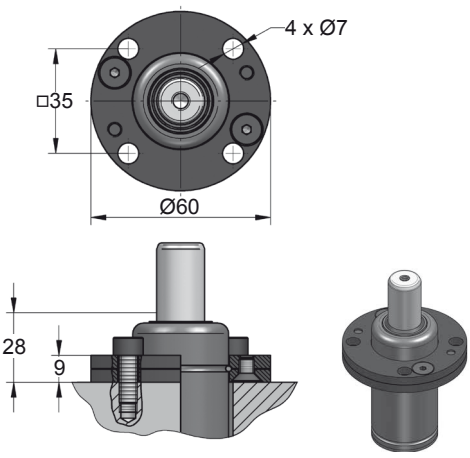
AZOL GAS

# CT 300 V1 MOUNTS

*Low Profile*

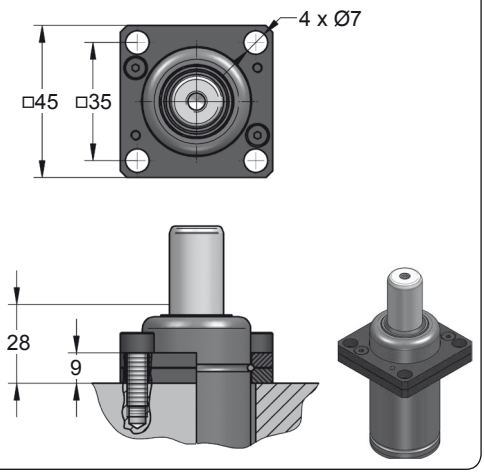
## A14-032

ISO E24.54.815.G EM24.54.700/F

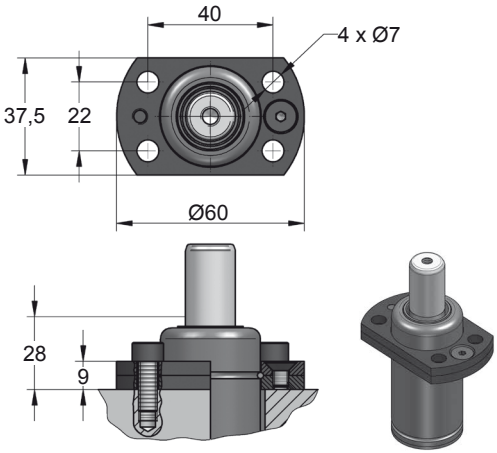



## A34-032

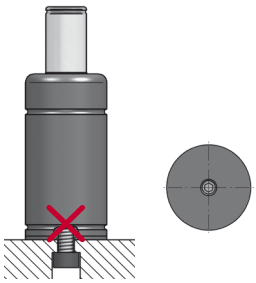
VDI




## A44-032




## Single base thread

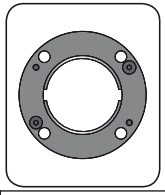


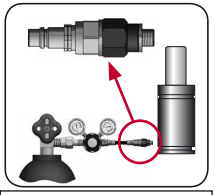
Gas springs with only a single base thread should not be mounted by screws.







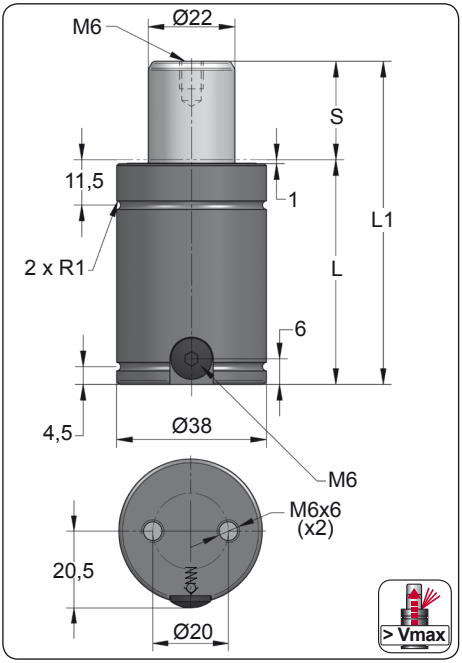


| CODE | | CT 300 050 V1 | | A14-032 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

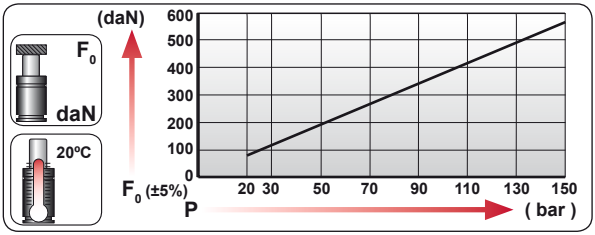
# CT 550 V1

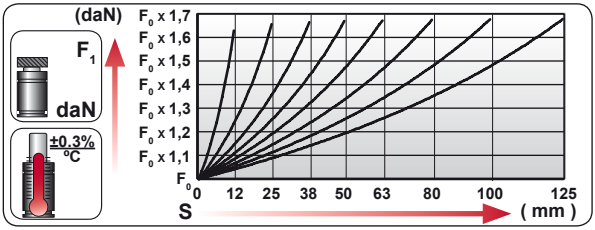
*Low Profile*

AZOL GAS



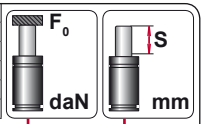

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CT 550 012 V1 | 12 | 56 | 44 | 0.29 |
| CT 550 025 V1 | 25 | 82 | 57 | 0.35 |
| CT 550 038 V1 | 38 | 108 | 70 | 0.41 |
| CT 550 050 V1 | 50 | 132 | 82 | 0.46 |
| CT 550 063 V1 | 63 | 158 | 95 | 0.52 |
| CT 550 080 V1 | 80 | 192 | 112 | 0.60 |
| CT 550 100 V1 | 100 | 232 | 132 | 0.69 |
| CT 550 125 V1 | 125 | 282 | 157 | 0.80 |

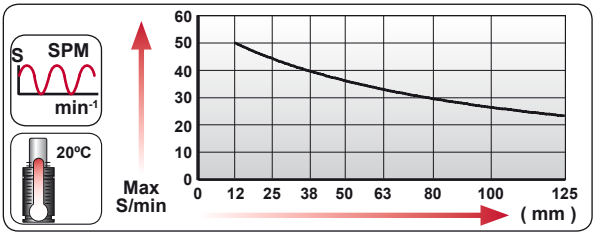


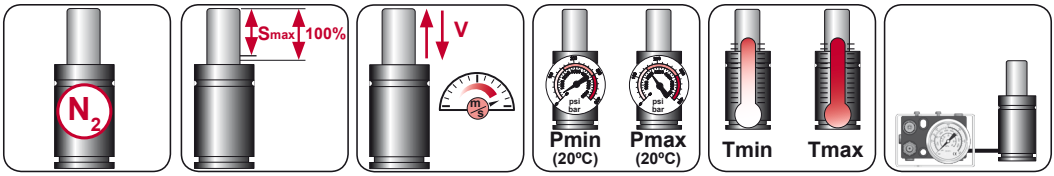




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CT 550 050 V1 | 145 | 2105 | 550 | 955 |
| CT-H 550 050 V1 | 0 | 0 | --- | --- |

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

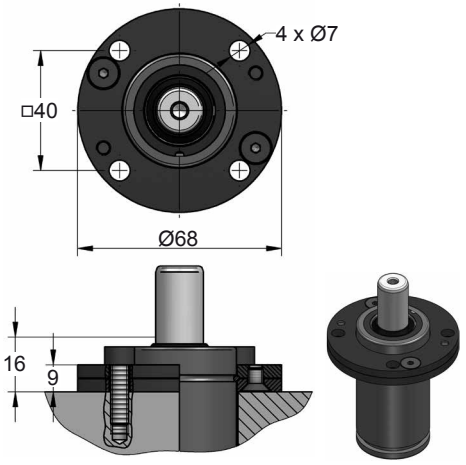
AZOL GAS

# CT 550 V1 MOUNTS

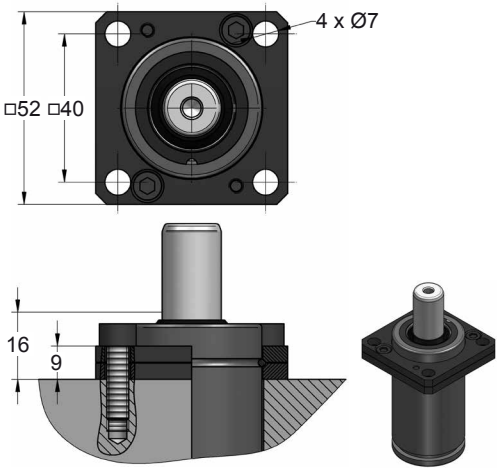
*Low Profile*

## A14-038

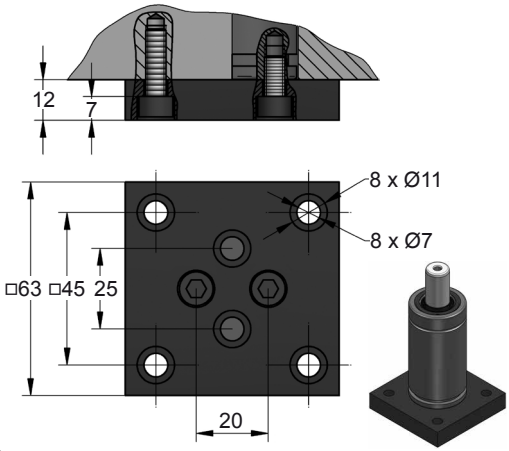
E24.54.815.G
EM24.54.700/F



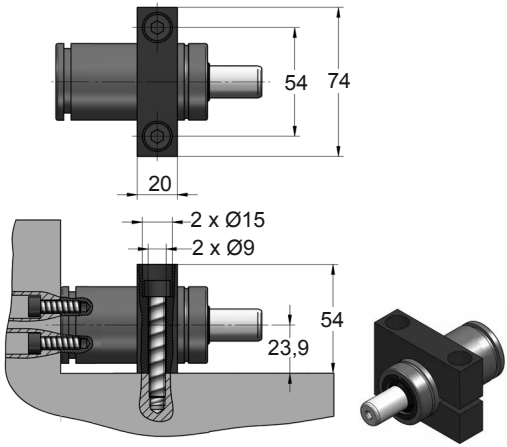

## A34-038




## B76-038




## D67-038

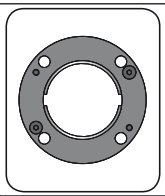


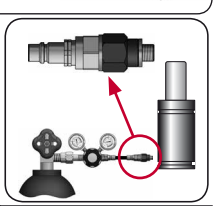










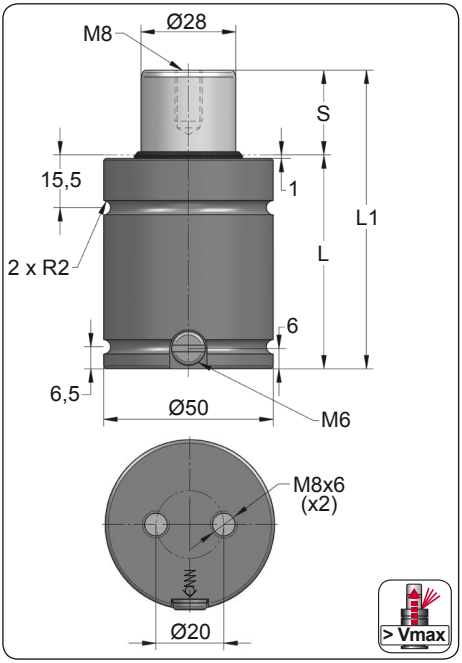


| CODE | | CT 550 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-038 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

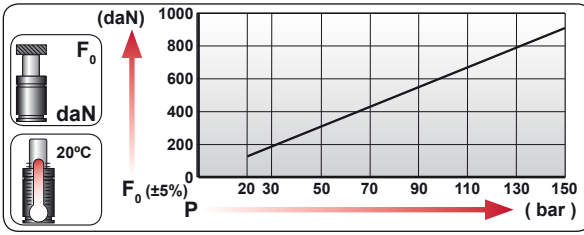
# CT 1000

*Low Profile*

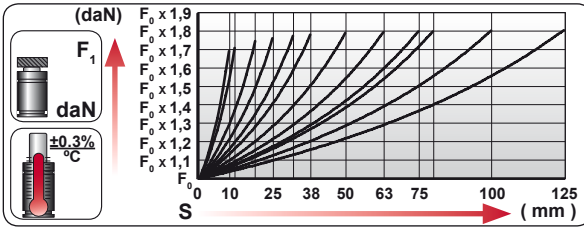
AZOL GAS



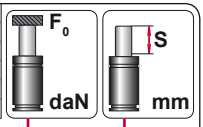

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CT 1000 010 | 10 | 58 | 48 | 0.57 |
| CT 1000 012 | 12 | 62 | 50 | 0.59 |
| CT 1000 019 | 19 | 76 | 57 | 0.65 |
| CT 1000 025 | 25 | 88 | 63 | 0.70 |
| CT 1000 032 | 32 | 102 | 70 | 0.76 |
| CT 1000 038 | 38 | 114 | 76 | 0.81 |
| CT 1000 050 | 50 | 138 | 88 | 0.91 |
| CT 1000 063 | 63 | 164 | 101 | 1.02 |
| CT 1000 075 | 75 | 188 | 113 | 1.12 |
| CT 1000 080 | 80 | 198 | 118 | 1.16 |
| CT 1000 100 | 100 | 238 | 138 | 1.33 |
| CT 1000 125 | 125 | 288 | 163 | 1.54 |



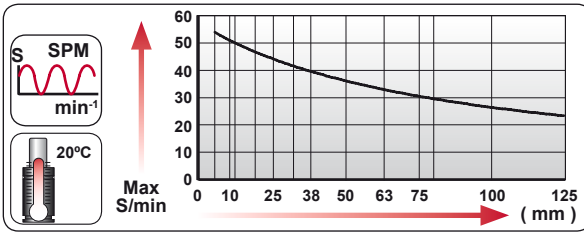

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CT 1000 050 | 160 | 2320 | 985 | 1760 |
| CT-H 1000 050 | 0 | 0 | --- | --- |

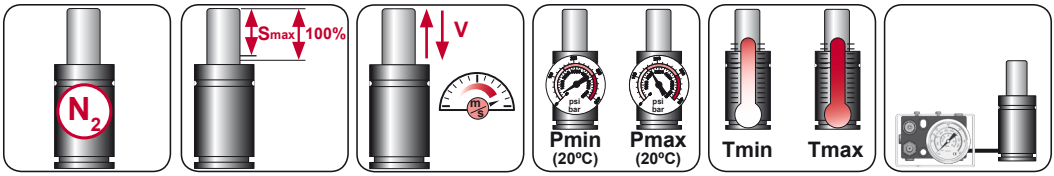



| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CT 1000 50



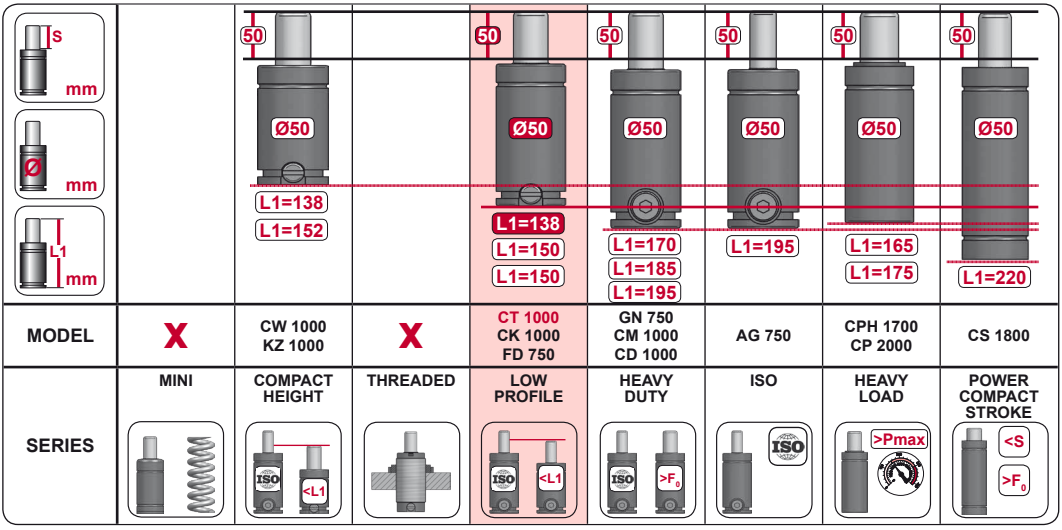




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 160 2320 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CT 1000 MOUNTS

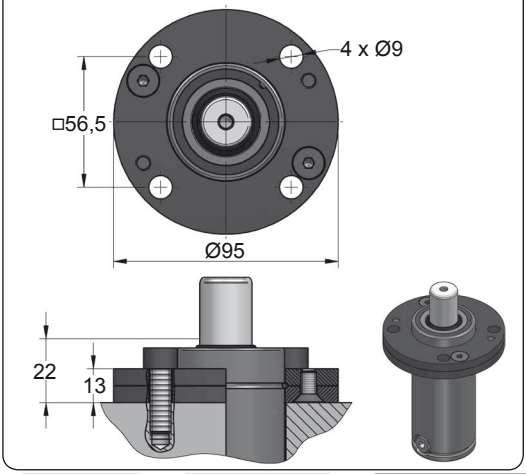
*Low Profile*




| MODEL | X | CW 1000<br>KZ 1000 | X | CT 1000<br>CK 1000<br>FD 750 | GN 750<br>CM 1000<br>CD 1000 | AG 750 | CPH 1700<br>CP 2000 | CS 1800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

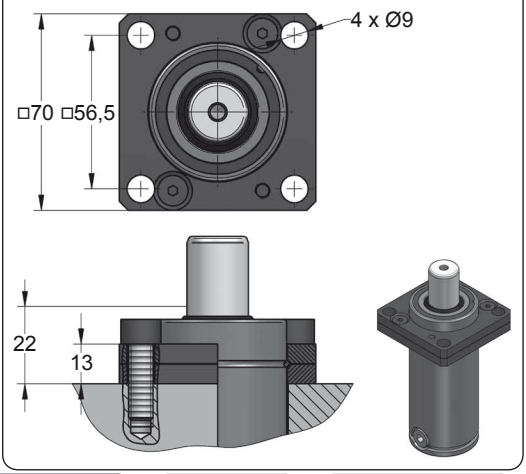
## A14-050

ISO NAAMS CHINT E24.54.815.G EM24.54.700/F




## A34-050

ISO VDI

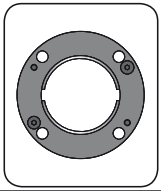


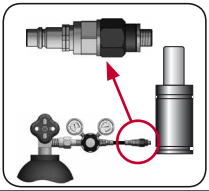












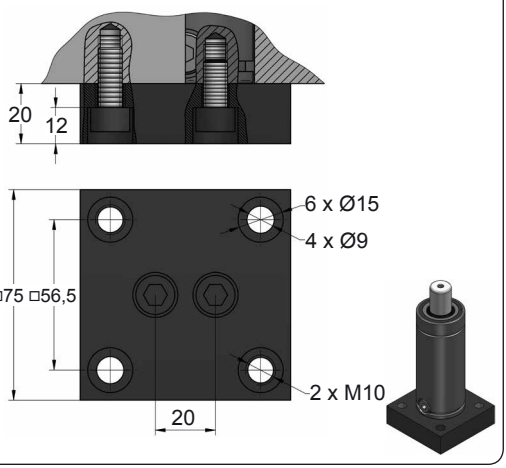
| CODE | | CT 1000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-050 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CT 1000 MOUNTS

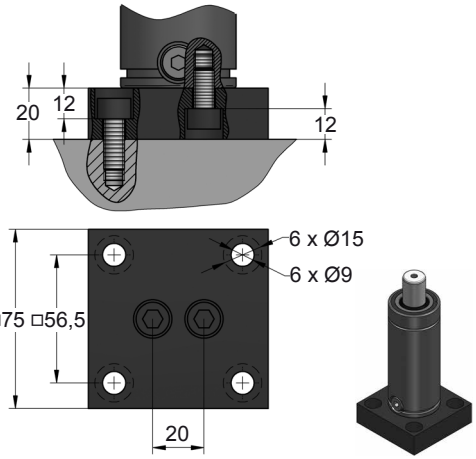
*Low Profile*

AZOL GAS

## B36-050

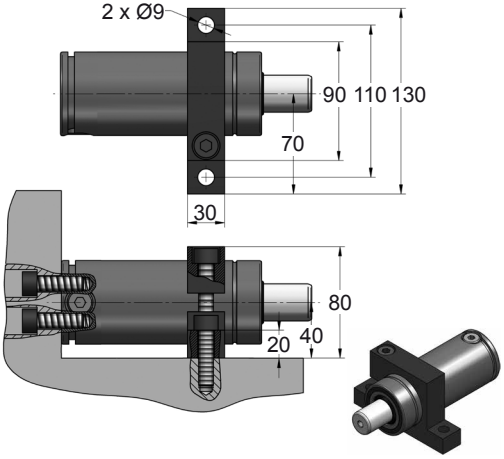



## B41-050



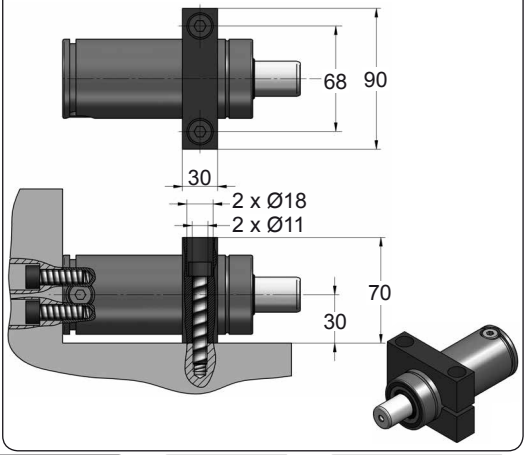

## D02-050

ISO E24.54.815.G EM24.54.700/F




## D67-050

VDI

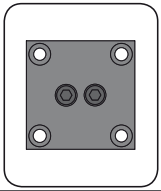


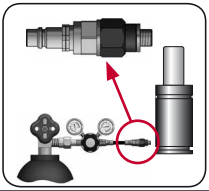










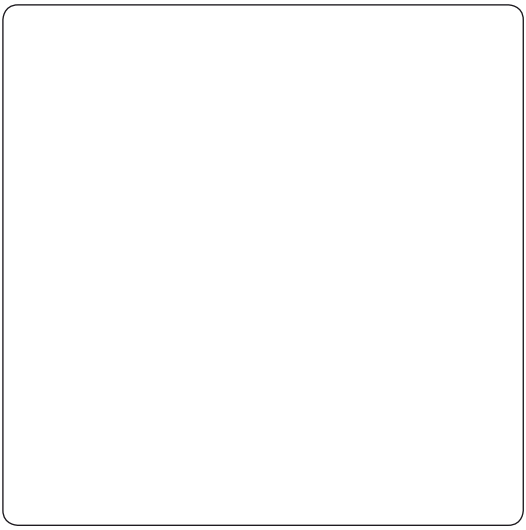


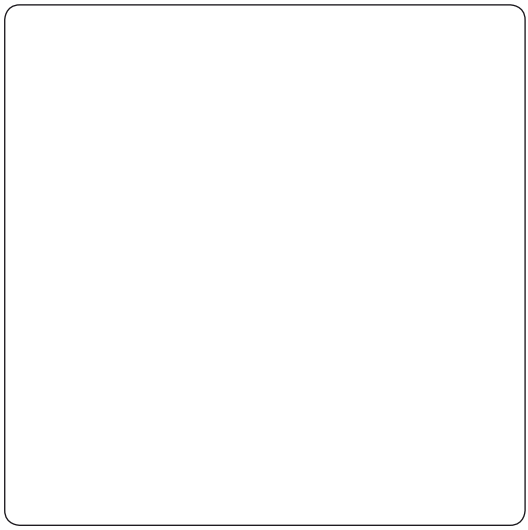
| CODE | | CT 1000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B36-050 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

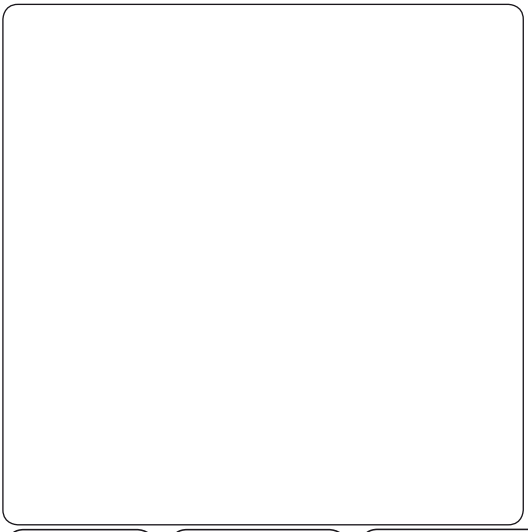
AZOL GAS

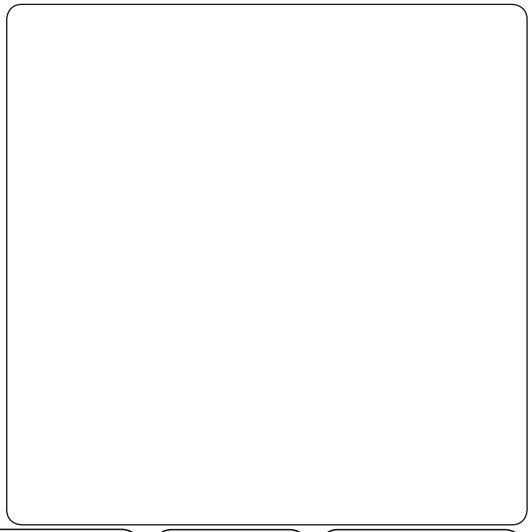
# CT 1000 MOUNTS

*Low Profile*

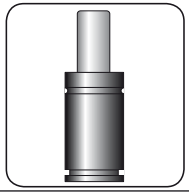




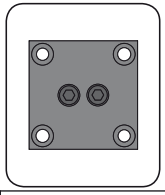


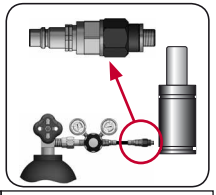








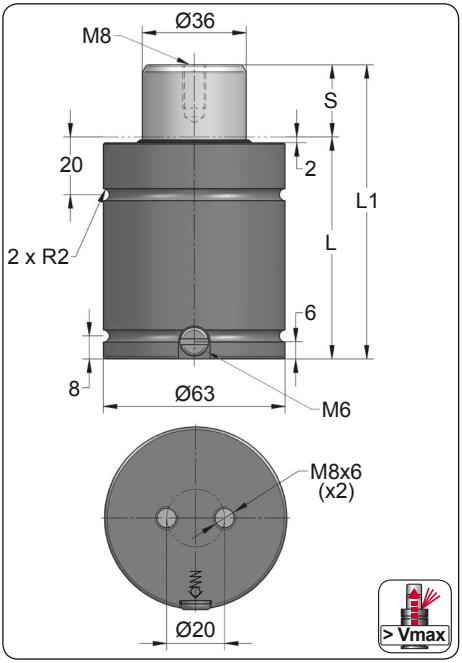


| CODE | | CT 1000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B36-050 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

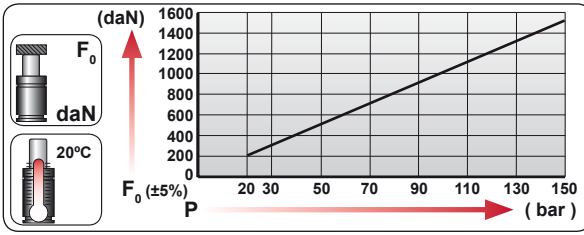
# CT 1500

*Low Profile*

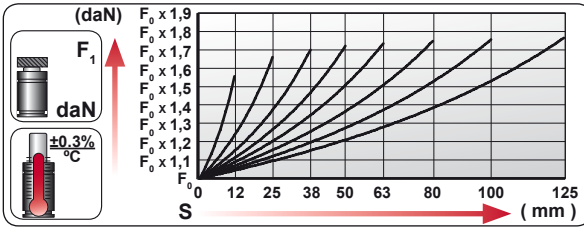
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CT 1500 012 | 12 | 76 | 64 | 1.16 |
| CT 1500 025 | 25 | 102 | 77 | 1.32 |
| CT 1500 038 | 38 | 128 | 90 | 1.49 |
| CT 1500 050 | 50 | 152 | 102 | 1.64 |
| CT 1500 063 | 63 | 178 | 115 | 1.81 |
| CT 1500 080 | 80 | 212 | 132 | 2.03 |
| CT 1500 100 | 100 | 252 | 152 | 2.29 |
| CT 1500 125 | 125 | 302 | 177 | 2.61 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CT 1500 050 | 150 | 2175 | 1530 | 2630 |
| CT-H 1500 050 | 0 | 0 | --- | --- |

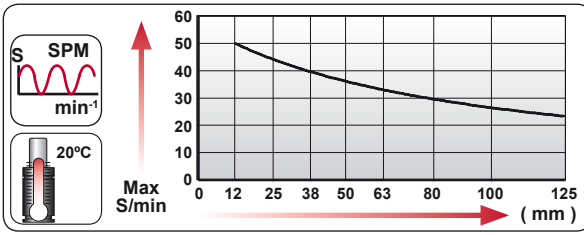


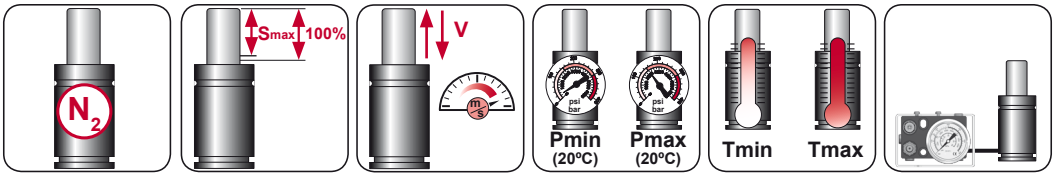

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CT 1500 50

CT 1500 050



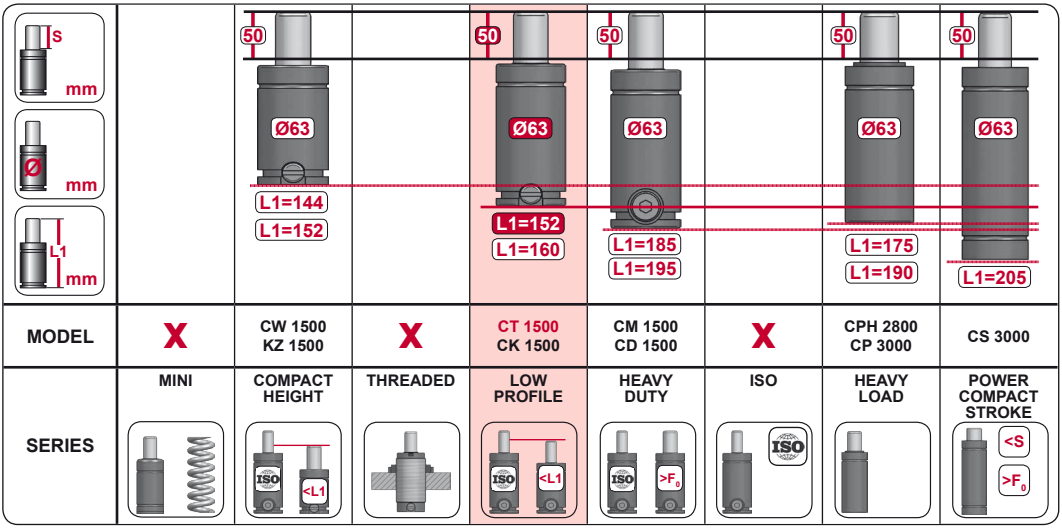




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

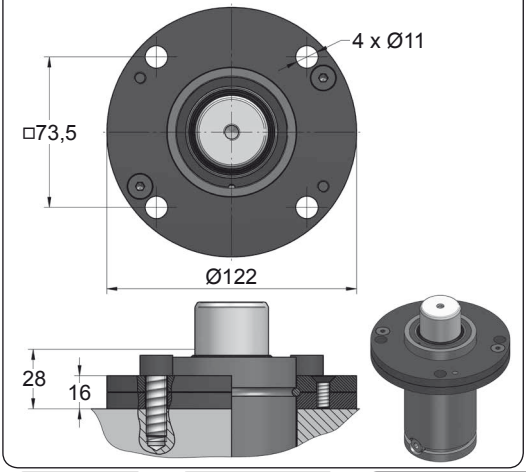
# CT 1500 MOUNTS

*Low Profile*

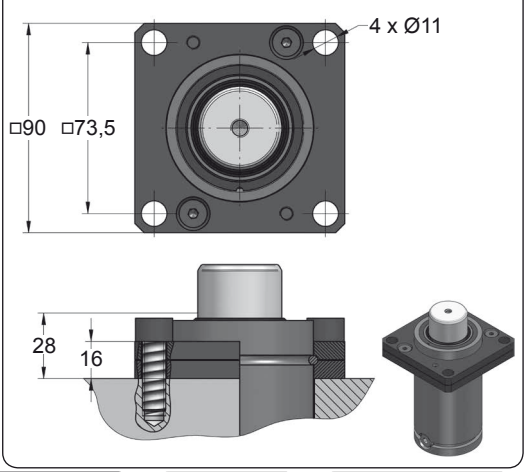



| MODEL | X | CW 1500 KZ 1500 | X | CT 1500 CK 1500 | CM 1500 CD 1500 | X | CPH 2800 CP 3000 | CS 3000 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-063




## A39-063

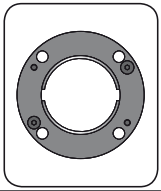


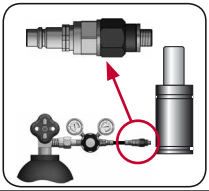












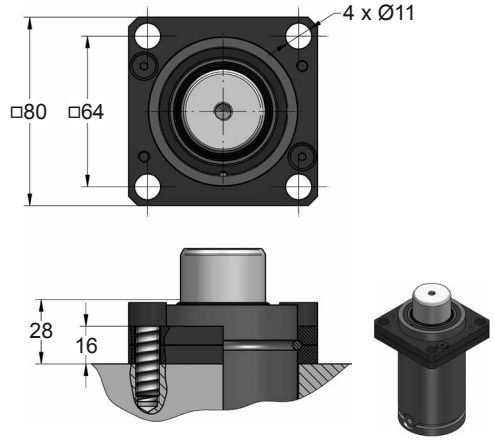
| CODE | | CT 1500 050 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-063 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CT 1500 MOUNTS

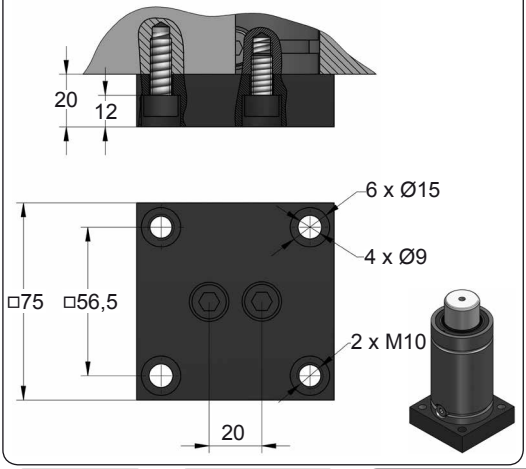
*Low Profile*

AZOL GAS

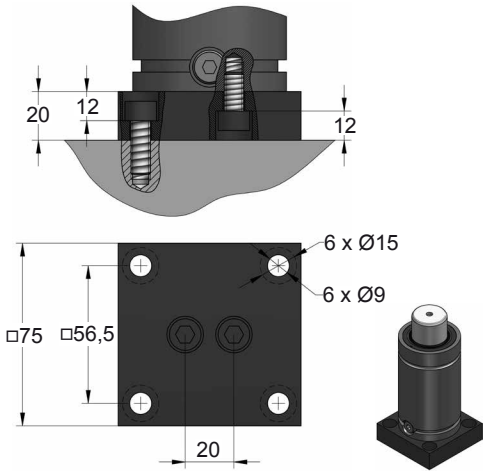
## A69-063




## B36-063




## B41-063

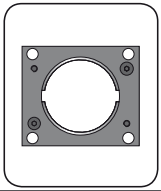


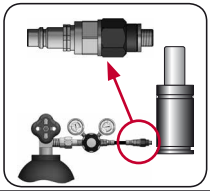












| CODE | | CT 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A69-063 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

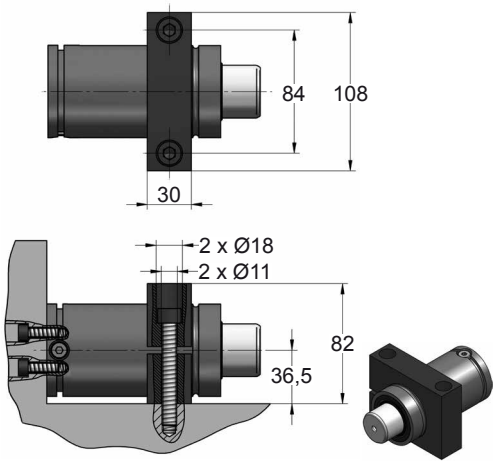
AZOL GAS

# CT 1500 MOUNTS

*Low Profile*

## D67-063

VDI

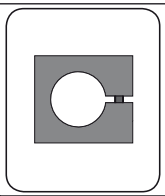


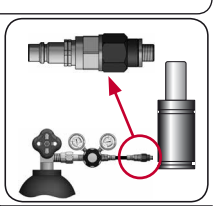










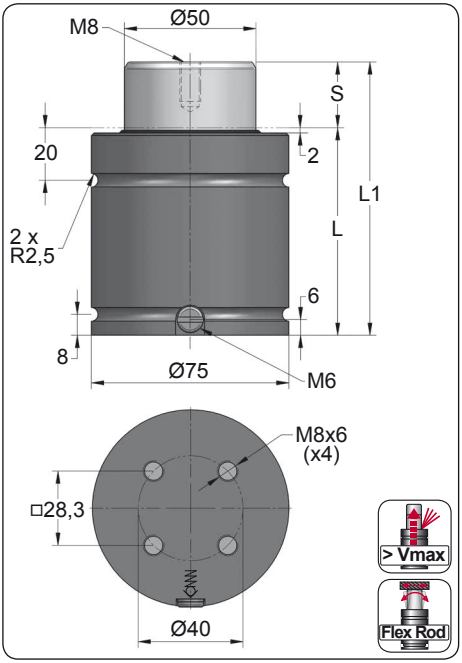


| CODE | | CT 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D67-063 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

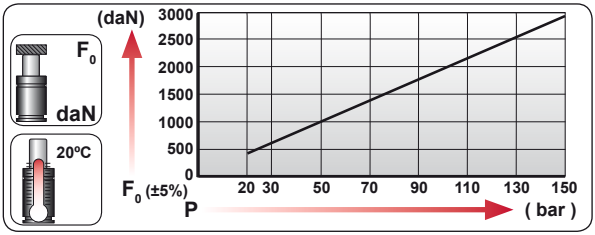
# CT 3000

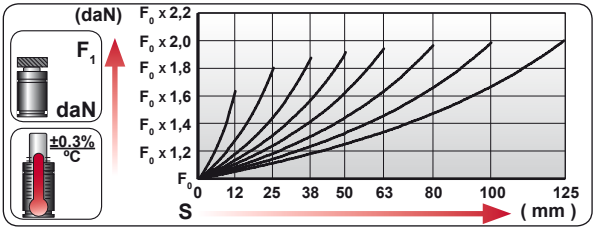
*Low Profile*

AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CT 3000 012 | 12 | 78 | 66 | 2.02 |
| CT 3000 025 | 25 | 104 | 79 | 2.26 |
| CT 3000 038 | 38 | 130 | 92 | 2.50 |
| CT 3000 050 | 50 | 154 | 104 | 2.72 |
| CT 3000 063 | 63 | 180 | 117 | 2.96 |
| CT 3000 080 | 80 | 214 | 134 | 3.28 |
| CT 3000 100 | 100 | 254 | 154 | 3.65 |
| CT 3000 125 | 125 | 304 | 179 | 4.11 |



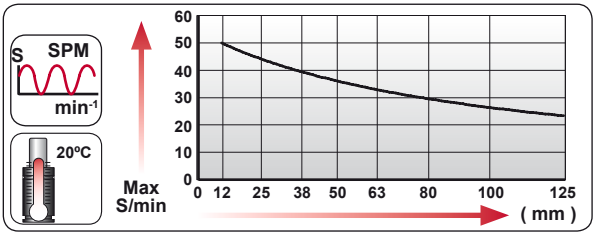

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CT 3000 050 | 150 | 2175 | 2945 | 5640 |
| CT-H 3000 050 | 0 | 0 | --- | --- |

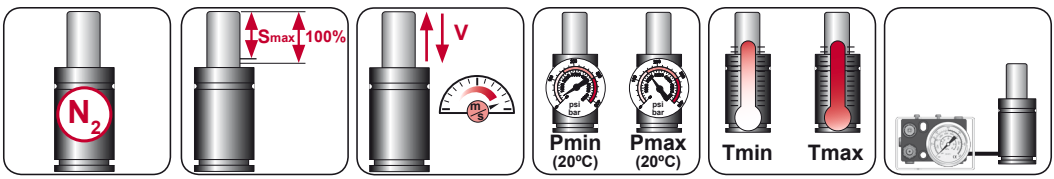
| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

CT 3000 50

CT 3000 050



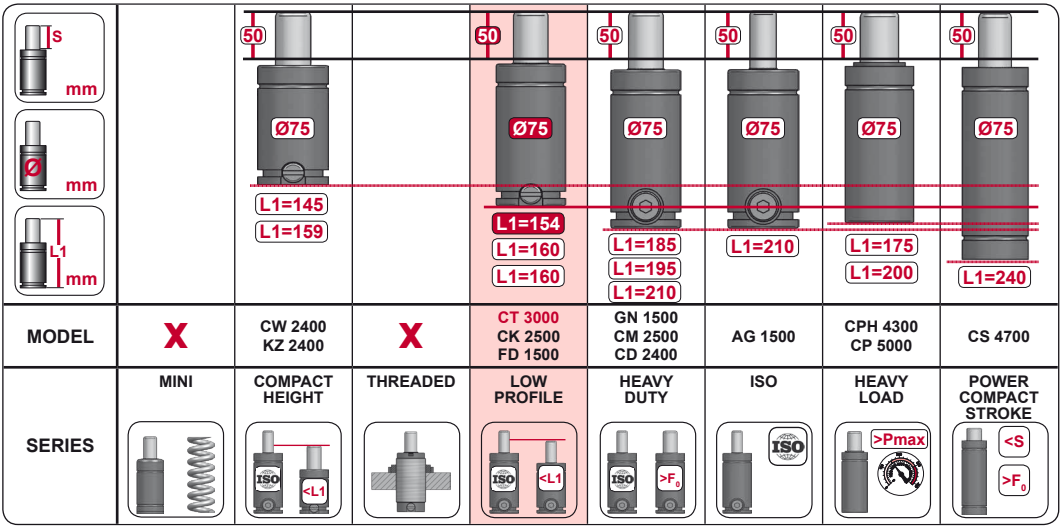




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CT 3000 MOUNTS

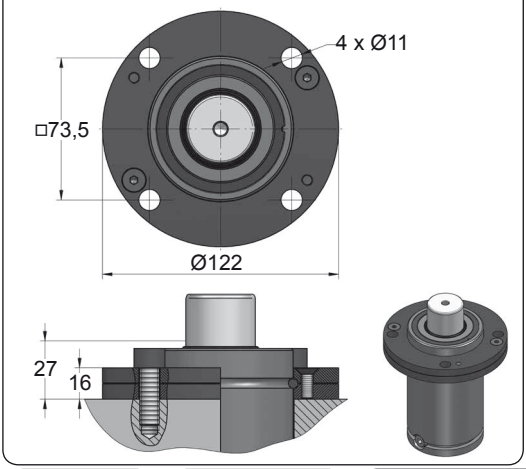
*Low Profile*



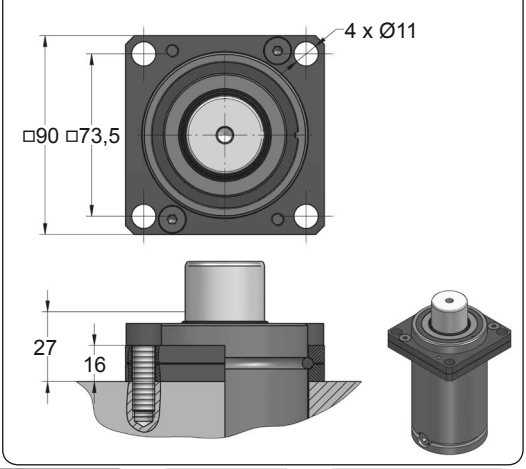

| MODEL | X | CW 2400<br>KZ 2400 | X | CT 3000<br>CK 2500<br>FD 1500 | GN 1500<br>CM 2500<br>CD 2400 | AG 1500 | CPH 4300<br>CP 5000 | CS 4700 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-075

E24.54.815.G
EM24.54.700/F




## A34-075







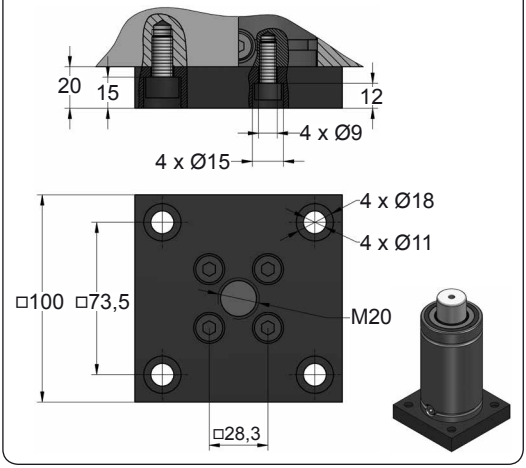
| CODE | | CT 3000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-075 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CT 3000 MOUNTS

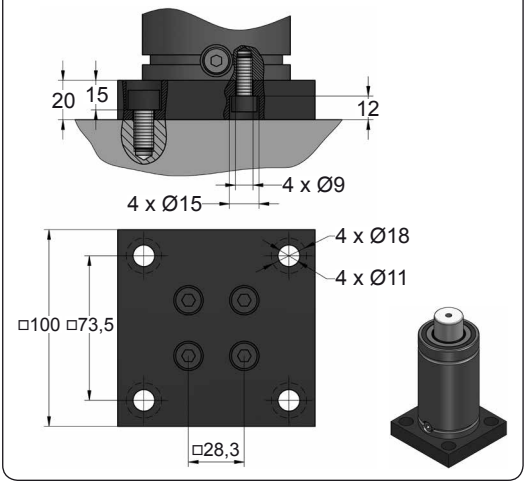
*Low Profile*

AZOL GAS

## B36-075

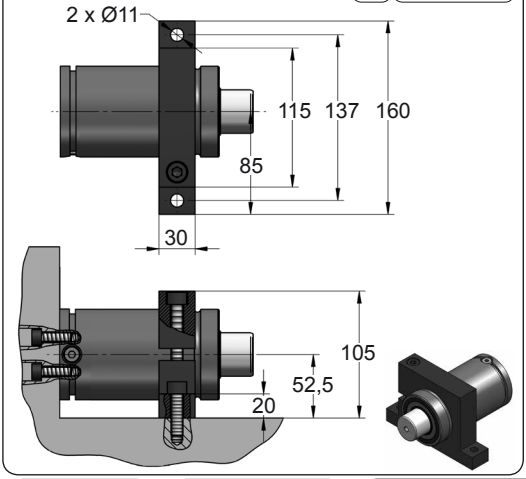



## B41-075



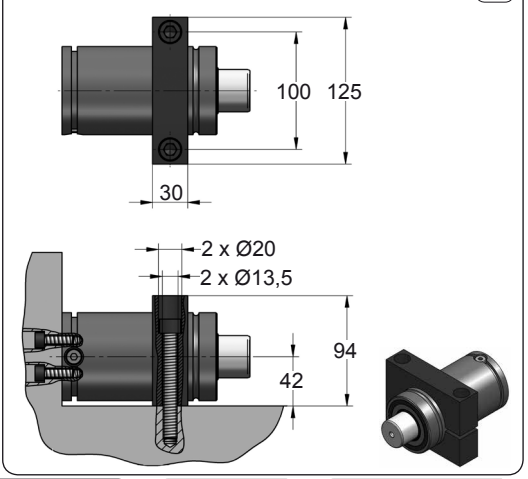

## D02-075

ISO E24.54.815.G EM24.54.700/F

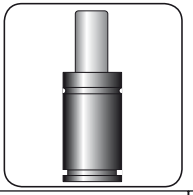



## D67-075

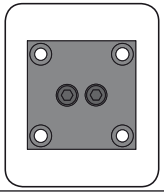
VDI

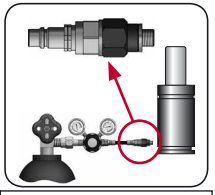






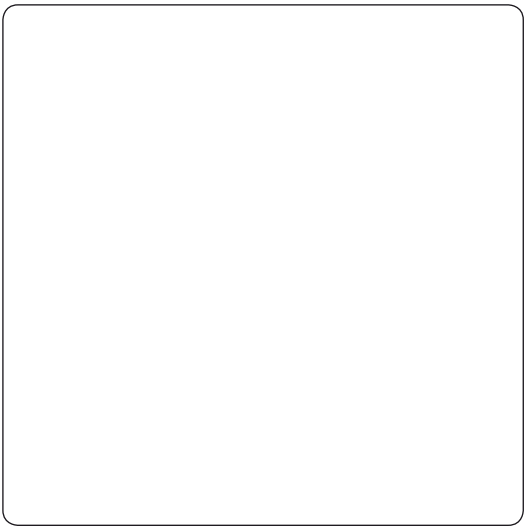


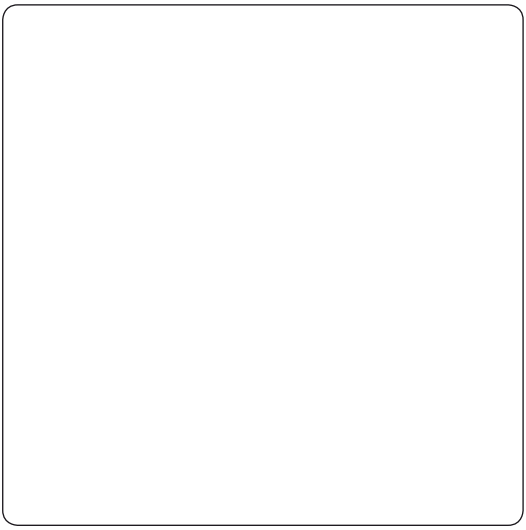
| CODE | | CT 3000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B36-075 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

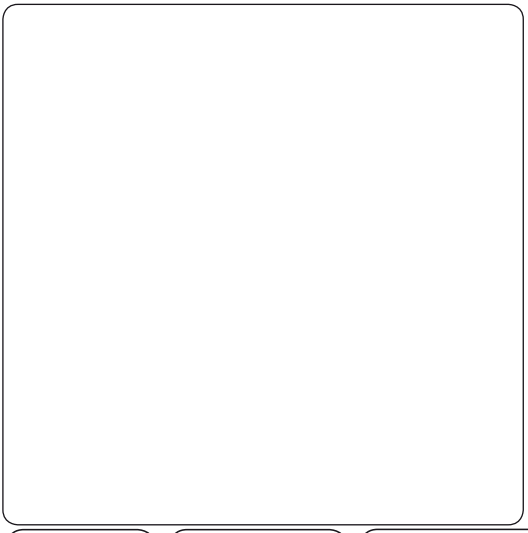
AZOL GAS

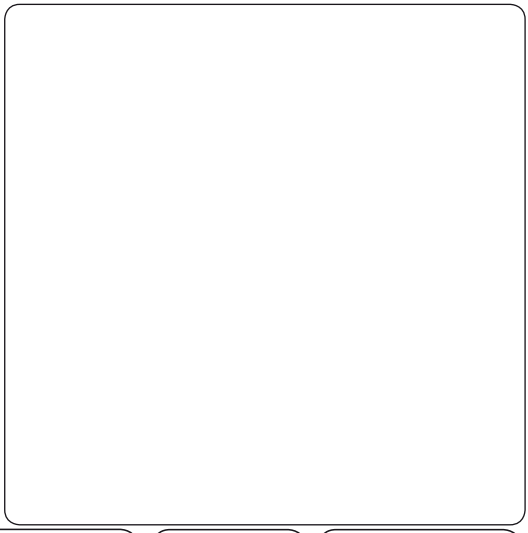
# CT 3000 MOUNTS

*Low Profile*





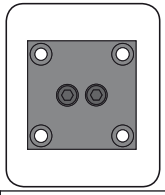


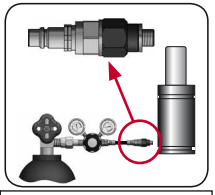








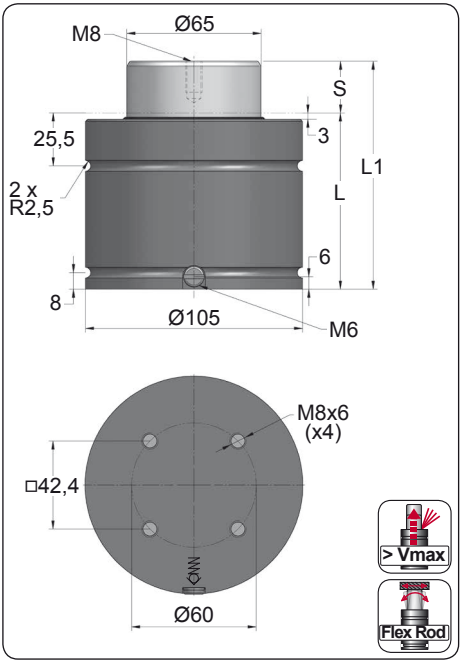


| CODE | | CT 3000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B36-075 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

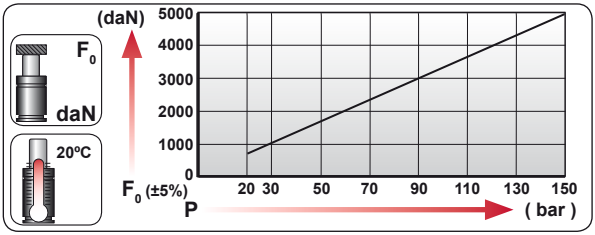
# CT 5000

*Low Profile*

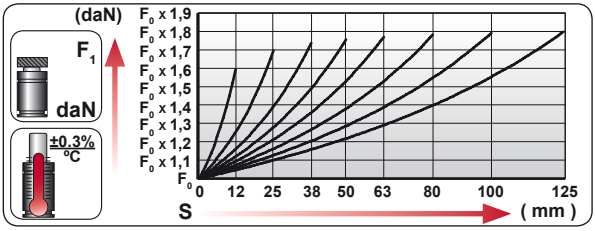
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CT 5000 012 | 12 | 84 | 72 | 3.48 |
| CT 5000 025 | 25 | 110 | 85 | 3.92 |
| CT 5000 038 | 38 | 136 | 98 | 4.37 |
| CT 5000 050 | 50 | 160 | 110 | 4.78 |
| CT 5000 063 | 63 | 186 | 123 | 5.22 |
| CT 5000 080 | 80 | 220 | 140 | 5.80 |
| CT 5000 100 | 100 | 260 | 160 | 6.49 |
| CT 5000 125 | 125 | 310 | 185 | 7.34 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CT 5000 050 | 150 | 2175 | 4980 | 8750 |
| CT-H 5000 050 | 0 | 0 | --- | --- |

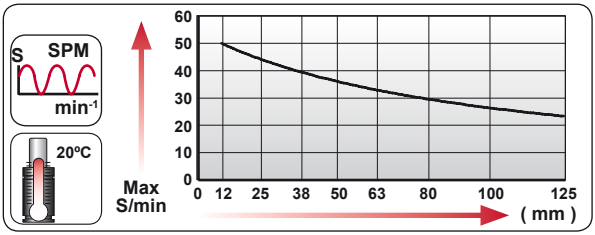


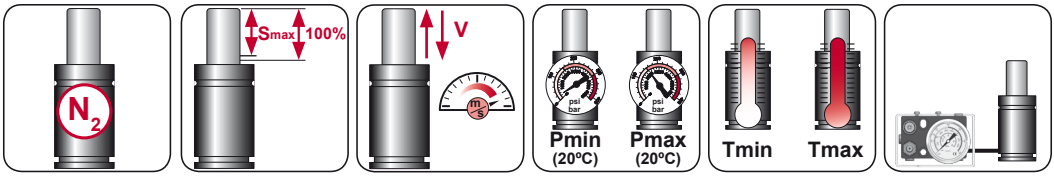

| | ENG | ORDER |
|---|---|---|
| | DEU | BESTELLUNG |
| | FRA | COMMANDE |
| | ITA | ORDINE |
| | ESP | PEDIDO |
| | POR | PEDIDO |

$F_0$ daN — S mm

CT 5000 50

CT 5000 050



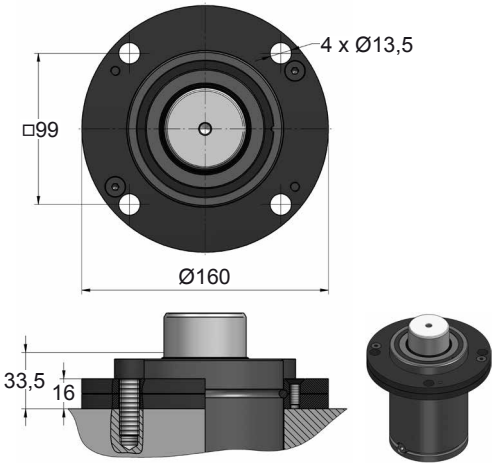

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

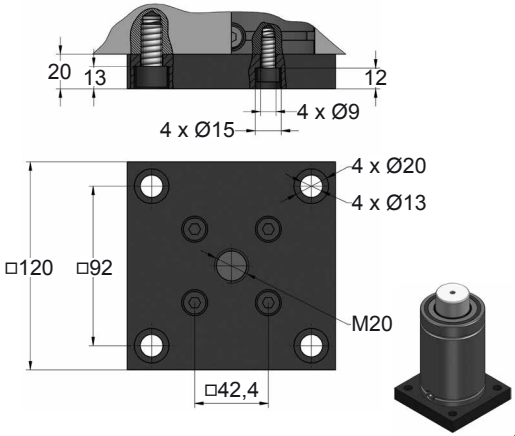
# CT 5000 MOUNTS

*Low Profile*

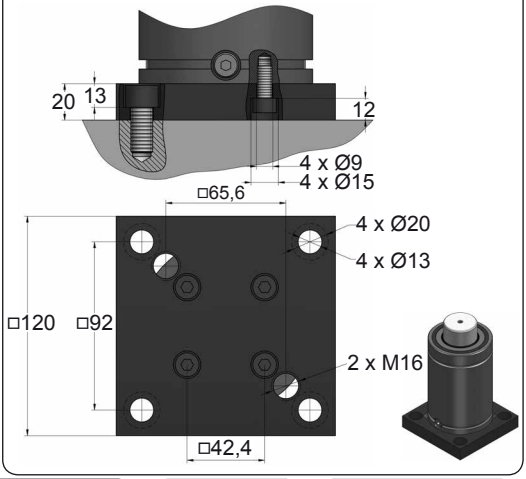
## A14-105




## B36-105




## B41-105

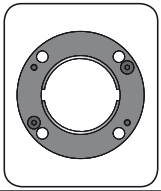


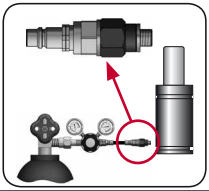










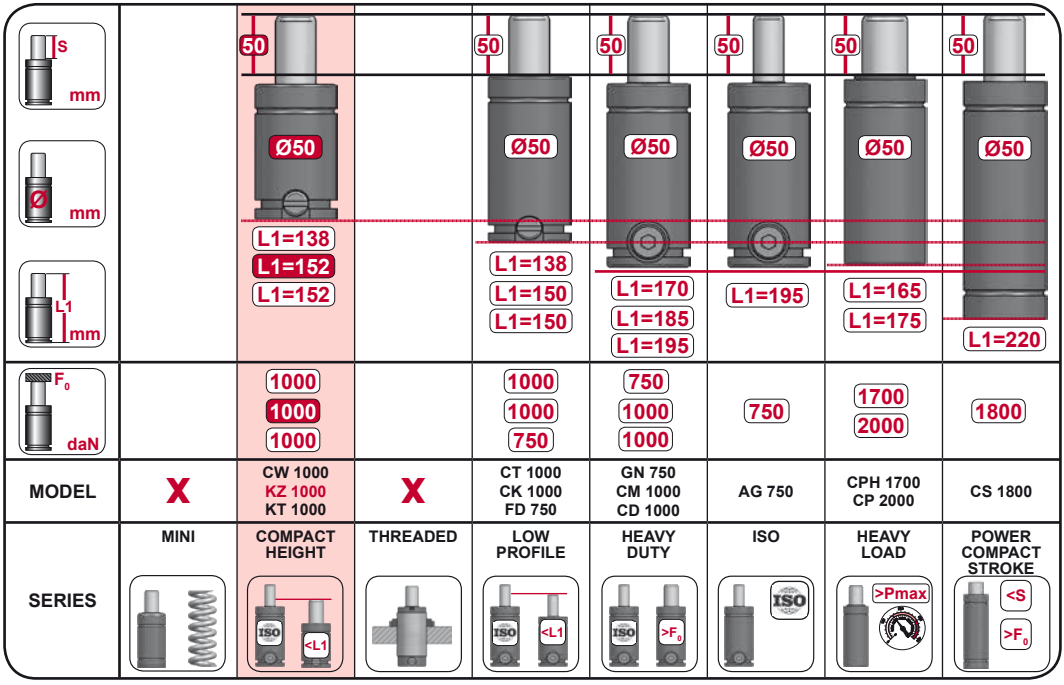


| CODE | | CT 5000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-105 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# KZ COMPACT HEIGHT LARGE

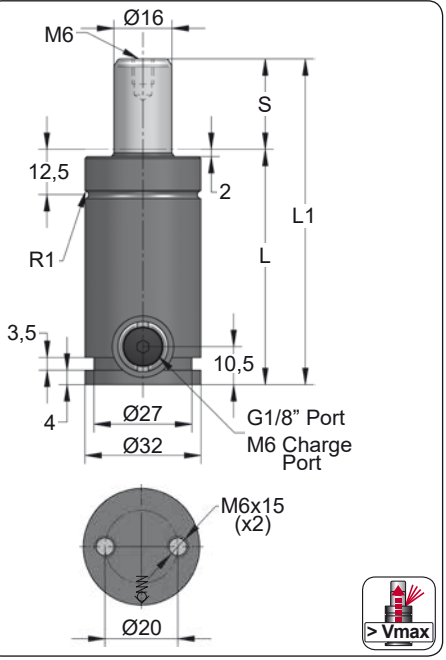
| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| KZ 350 | 350 | Ø32 | 10 - 125 | 60 - 290 | 180 | M6 | ✔ | ✔ |
| KZ 500 | 500 | Ø38 | 10 - 125 | 60 - 290 | 150 | M6 | ✔ | ✔ |
| KZ 750 V1 | 750 | Ø45 | 10 - 125 | 67 - 297 | 150 | G1/8" | ✔ | ✔ |
| KZ 1000 V1 | 1000 | Ø50 | 13 - 125 | 78 - 302 | 150 | G1/8" | ✔ | ✔ |
| KZ 1500 | 1500 | Ø63 | 13 - 125 | 78 - 302 | 150 | G1/8" | ✔ | ✔ |
| KZ 2400 | 2400 | Ø75 | 16 - 125 | 91 - 309 | 150 | G1/8" | ✔ | ✔ |
| KZ 4200 | 4200 | Ø95 | 16 - 125 | 94 - 312 | 150 | G1/8" | ✔ | ✔ |
| KZ 6600 | 6600 | Ø120 | 16 - 125 | 104 - 322 | 150 | G1/8" | ✔ | ✔ |



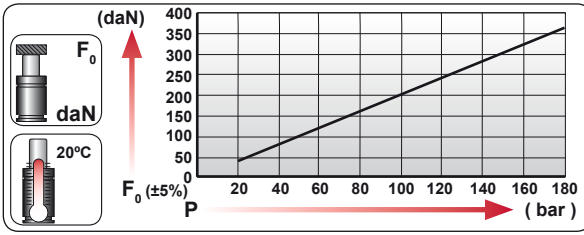
# KZ 350

*Compact Height*

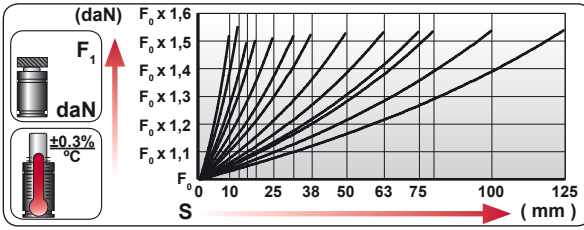
AZOL GAS



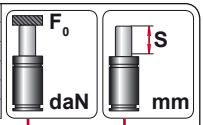

| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| KZ 350 010 | 10 | 60 | 50 | 0.23 |
| KZ 350 013 | 13 | 66 | 53 | 0.24 |
| KZ 350 016 | 16 | 72 | 56 | 0.25 |
| KZ 350 019 | 19 | 78 | 59 | 0.26 |
| KZ 350 025 | 25 | 90 | 65 | 0.28 |
| KZ 350 032 | 32 | 104 | 72 | 0.31 |
| KZ 350 038 | 38 | 116 | 78 | 0.33 |
| KZ 350 050 | 50 | 140 | 90 | 0.37 |
| KZ 350 063 | 63 | 166 | 103 | 0.41 |
| KZ 350 075 | 75 | 190 | 115 | 0.45 |
| KZ 350 080 | 80 | 200 | 120 | 0.47 |
| KZ 350 100 | 100 | 240 | 140 | 0.54 |
| KZ 350 125 | 125 | 290 | 165 | 0.62 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| KZ 350 050 | 180 | 2610 | 360 | 550 |
| KZ-H 350 050 | 0 | 0 | --- | --- |

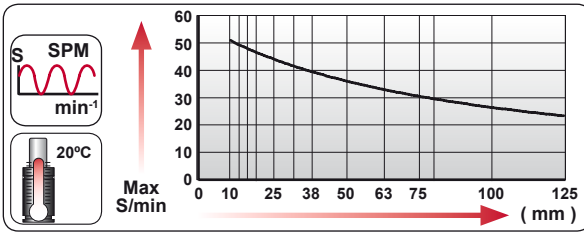


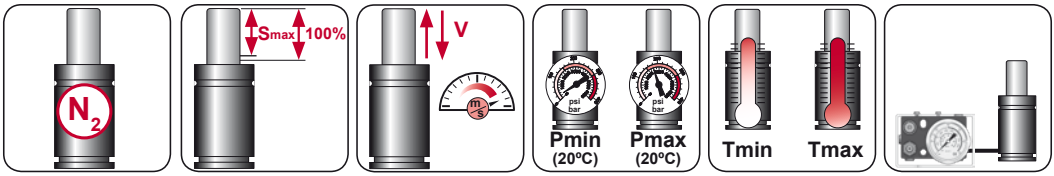

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




KZ 350 50

KZ 350 050




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

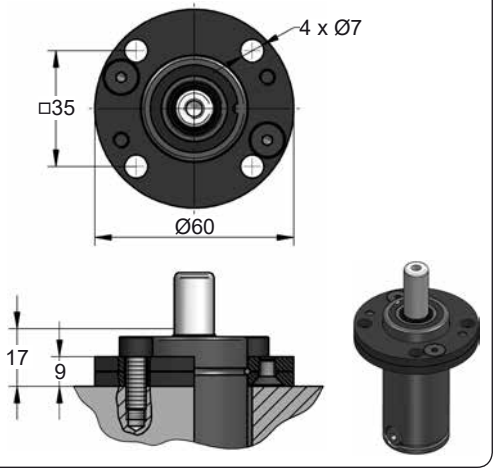
AZOL GAS

# KZ 350 MOUNTS

*Compact Height*

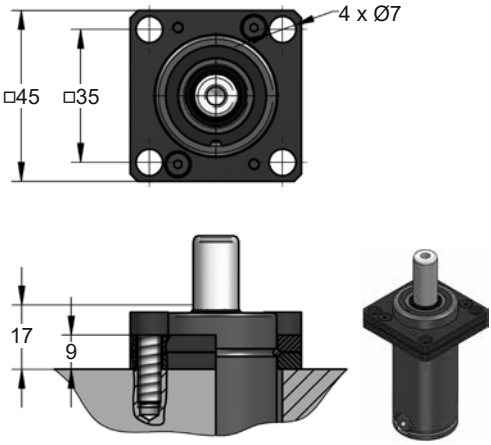
## A14-032

ISO E24.54.815.G EM24.54.700/F

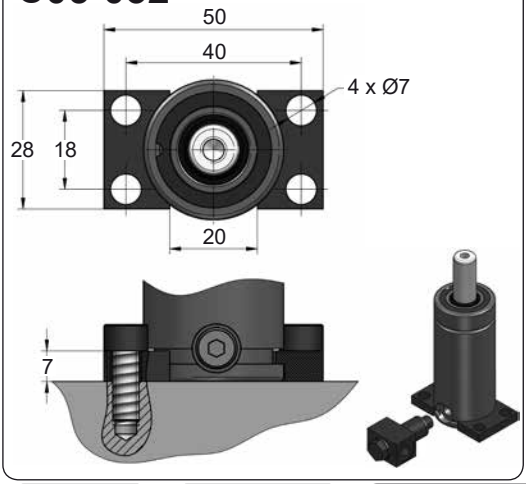



## A34-032

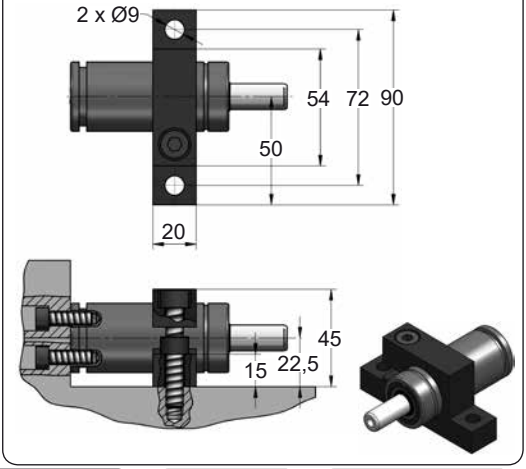
VDI




## C05-032




## D02-032

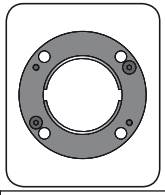


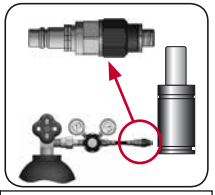










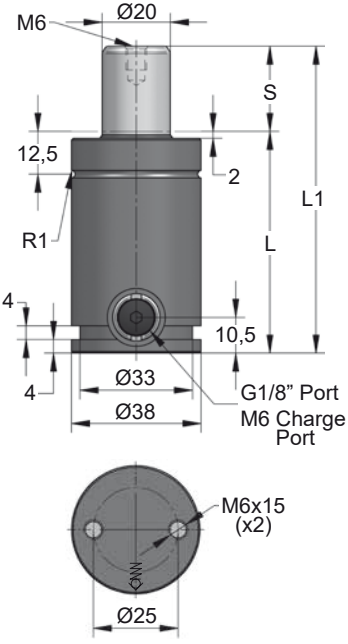


| CODE | | KZ 350 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-032 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

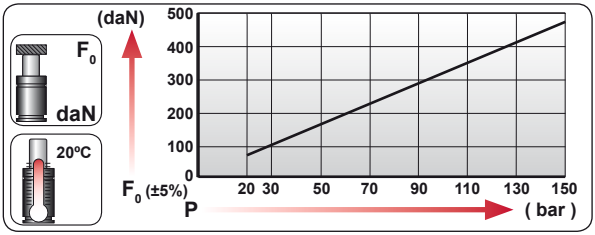
# KZ 500

*Compact Height*

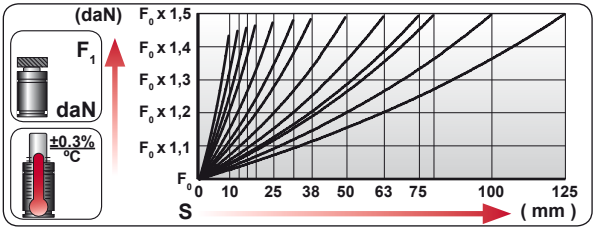
AZOL GAS



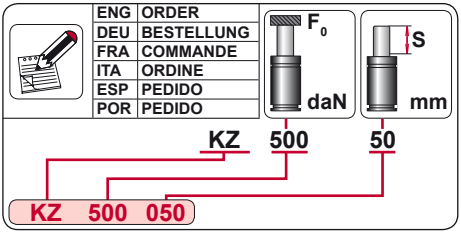

| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| KZ 500 010 | 10 | 60 | 50 | 0.24 |
| KZ 500 013 | 13 | 66 | 53 | 0.25 |
| KZ 500 016 | 16 | 72 | 56 | 0.26 |
| KZ 500 019 | 19 | 78 | 59 | 0.27 |
| KZ 500 025 | 25 | 90 | 65 | 0.30 |
| KZ 500 032 | 32 | 104 | 72 | 0.32 |
| KZ 500 038 | 38 | 116 | 78 | 0.35 |
| KZ 500 050 | 50 | 140 | 90 | 0.40 |
| KZ 500 063 | 63 | 166 | 103 | 0.45 |
| KZ 500 075 | 75 | 190 | 115 | 0.50 |
| KZ 500 080 | 80 | 200 | 120 | 0.52 |
| KZ 500 100 | 100 | 240 | 140 | 0.60 |
| KZ 500 125 | 125 | 290 | 165 | 0.70 |

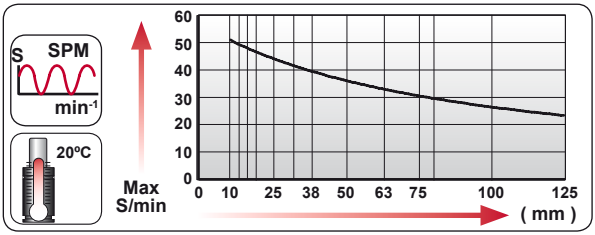


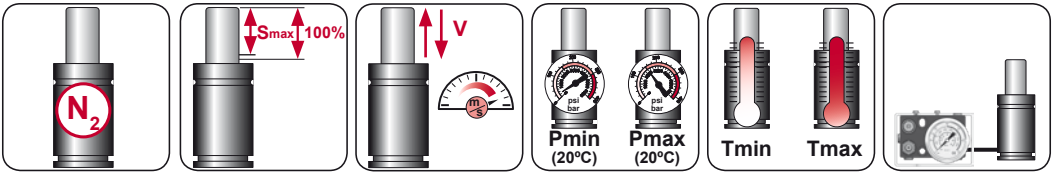

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| KZ 500 050 | 150 | 2175 | 470 | 700 |
| KZ-H 500 050 | 0 | 0 | --- | --- |




| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

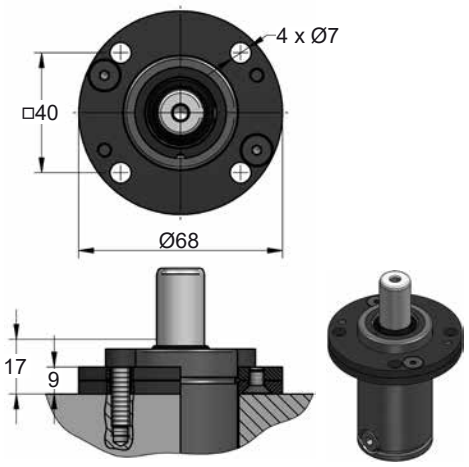
AZOL GAS

# KZ 500 MOUNTS

*Compact Height*

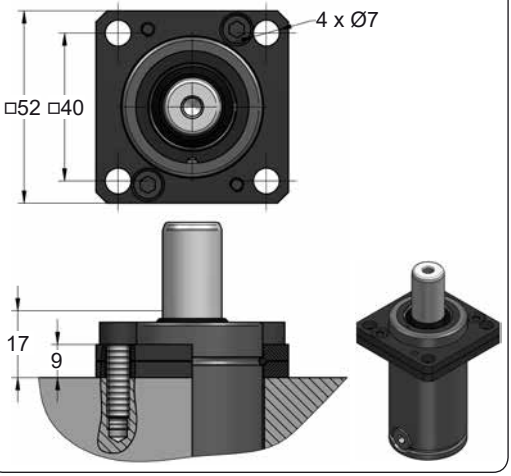
## A14-038

ISO · E24.54.815.G · EM24.54.700/F

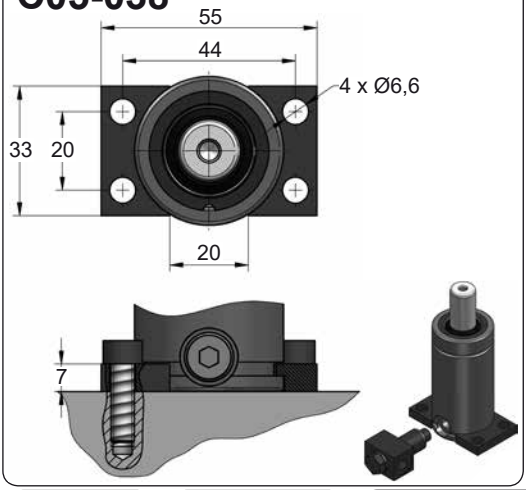



## A34-038

ISO · VDI

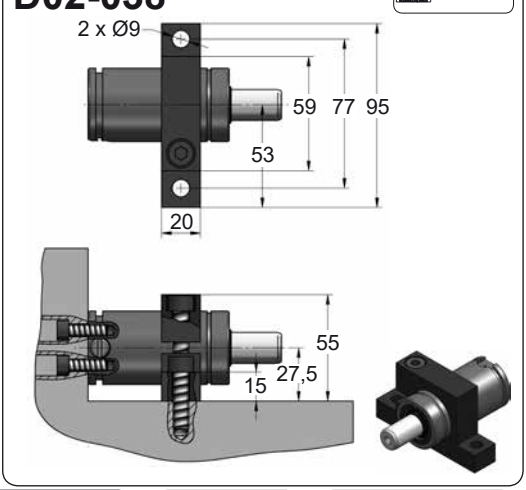



## C05-038




## D02-038

E24.54.815.G

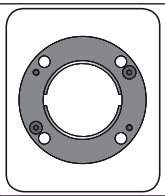


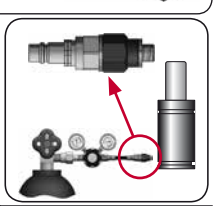










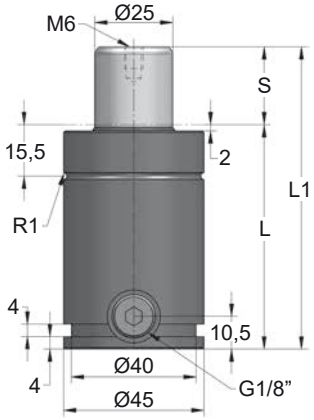


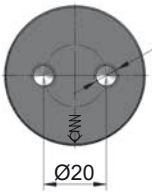
| CODE | | KZ 500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-038 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KZ 750 V1

*Compact Height*

AZOL GAS

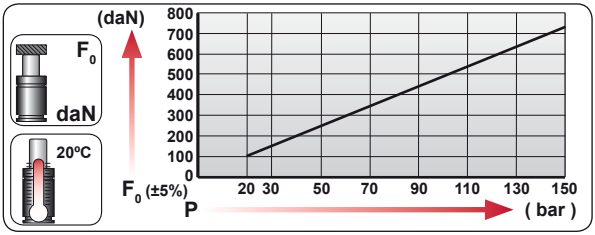


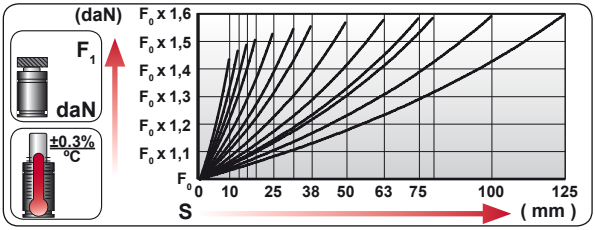







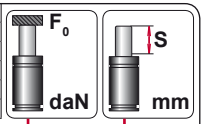
| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| KZ 750 010 V1 | 10 | 67 | 57 | 0.54 |
| KZ 750 013 V1 | 13 | 73 | 60 | 0.56 |
| KZ 750 016 V1 | 16 | 79 | 63 | 0.58 |
| KZ 750 019 V1 | 19 | 85 | 66 | 0.59 |
| KZ 750 025 V1 | 25 | 97 | 72 | 0.63 |
| KZ 750 032 V1 | 32 | 111 | 79 | 0.67 |
| KZ 750 038 V1 | 38 | 123 | 85 | 0.71 |
| KZ 750 050 V1 | 50 | 147 | 97 | 0.79 |
| KZ 750 063 V1 | 63 | 173 | 110 | 0.87 |
| KZ 750 075 V1 | 75 | 197 | 122 | 0.94 |
| KZ 750 080 V1 | 80 | 207 | 127 | 0.97 |
| KZ 750 100 V1 | 100 | 247 | 147 | 1.10 |
| KZ 750 125 V1 | 125 | 297 | 172 | 1.25 |

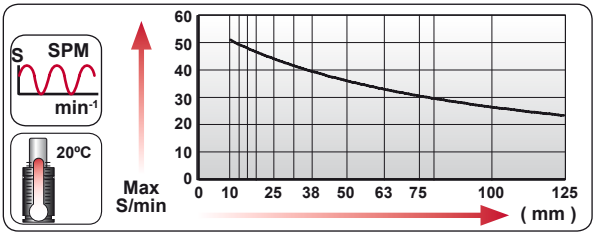


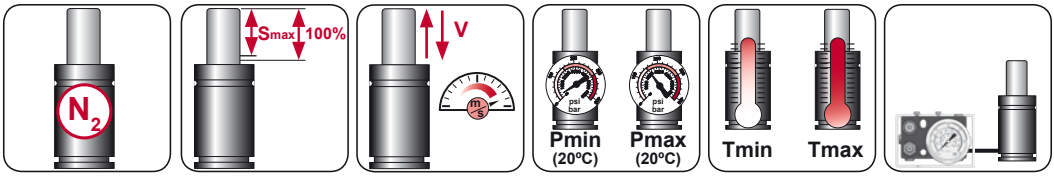




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| KZ 750 050 V1 | 150 | 2175 | 735 | 1150 |
| KZ-H 750 050 V1 | 0 | 0 | --- | --- |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



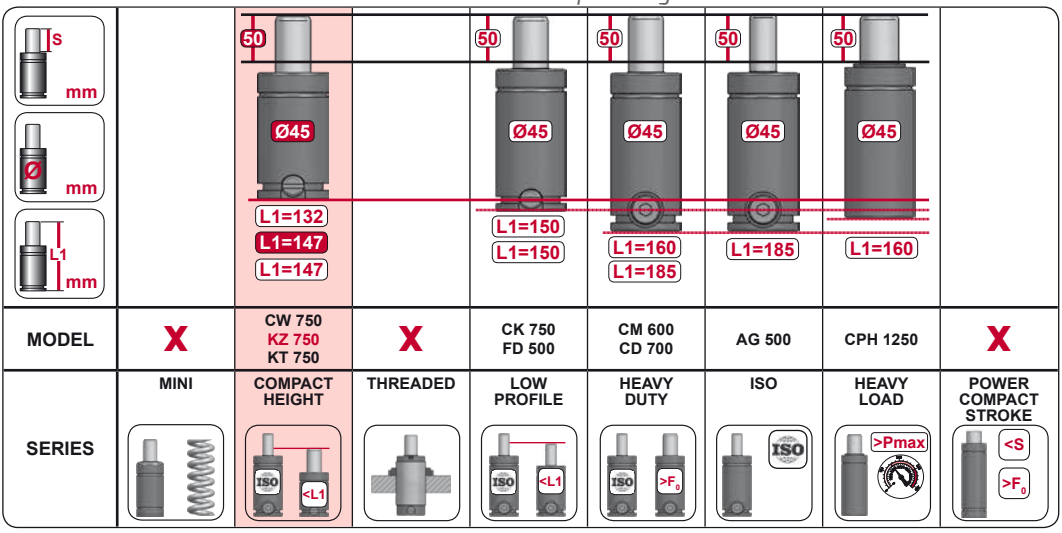




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# KZ 750 V1 MOUNTS

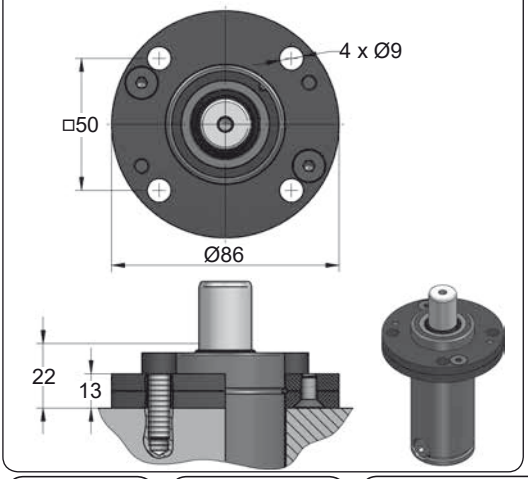
*Compact Height*




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MODEL | X | CW 750<br>KZ 750<br>KT 750 | X | CK 750<br>FD 500 | CM 600<br>CD 700 | AG 500 | CPH 1250 | X |
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

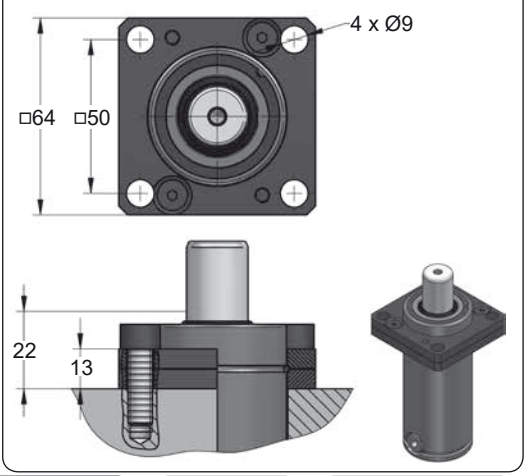
## A14-045

ISO · E24.54.815.G · EM24.54.700/F




## A34-045

ISO · VDI

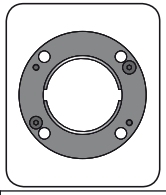


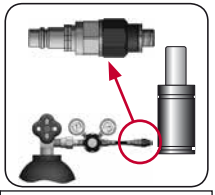












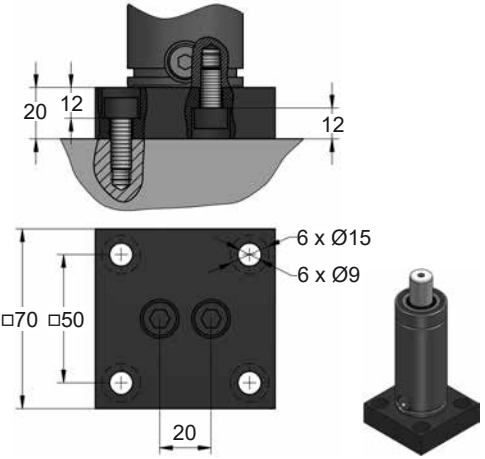
| CODE | | KZ 750 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KZ 750 V1 MOUNTS

*Compact Height*

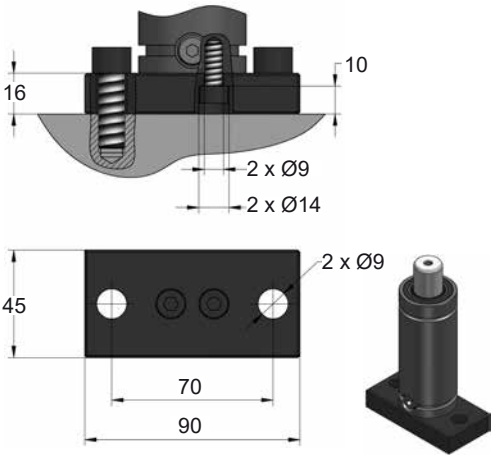
AZOL GAS

## B21-045



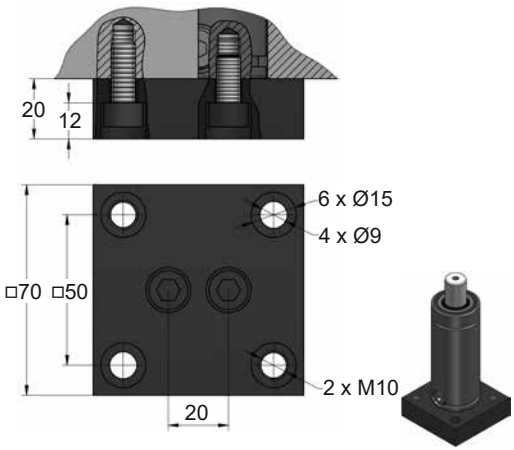

## B43-045

K32 P0
EM24.54.700/F




## B76-045

ISO CETOP E24.54.815.G

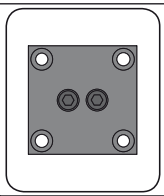


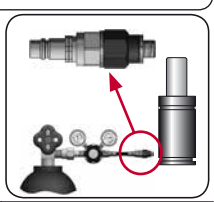












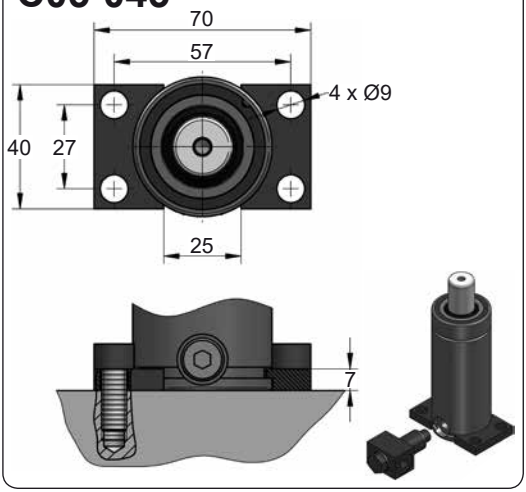
| CODE | | KZ 750 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# KZ 750 V1 MOUNTS

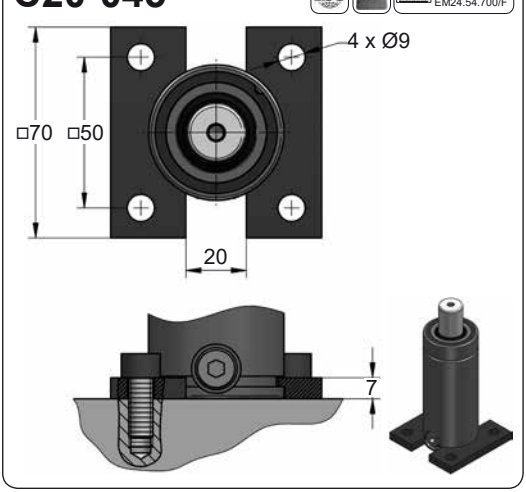
*Compact Height*

## C05-045

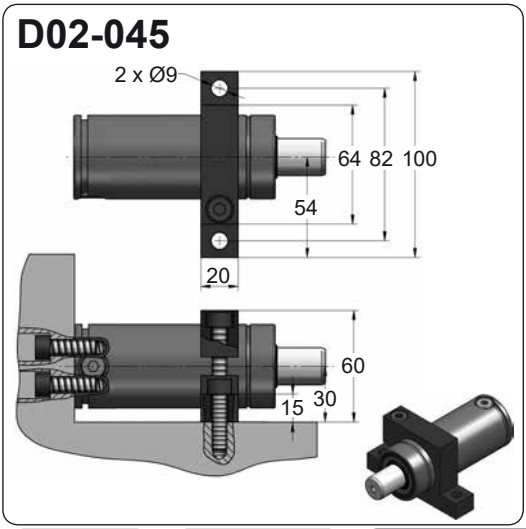



## C20-045

ISO VDI E24.54.815.G EM24.54.700/F

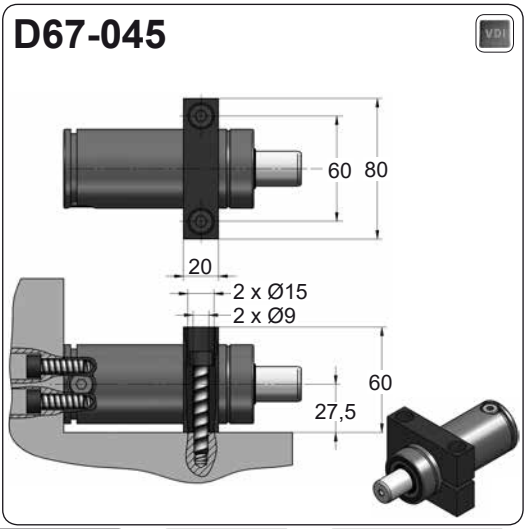



## D02-045




## D67-045

VDI

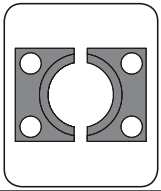


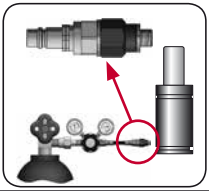










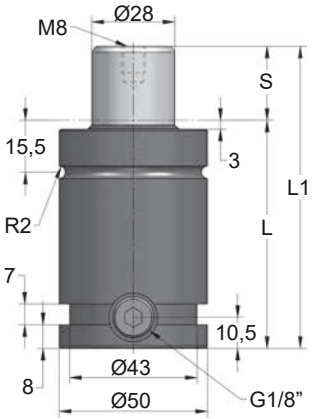


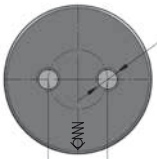
| CODE | | KZ 750 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KZ 1000 V1

*Compact Height*

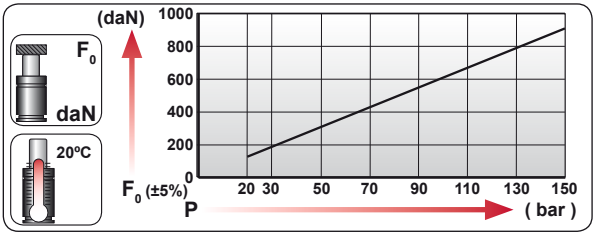
AZOL GAS

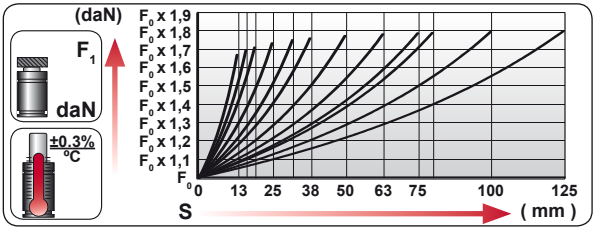



> Vmax

| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| KZ 1000 013 V1 | 13 | 78 | 65 | 0.74 |
| KZ 1000 016 V1 | 16 | 84 | 68 | 0.76 |
| KZ 1000 019 V1 | 19 | 90 | 71 | 0.79 |
| KZ 1000 025 V1 | 25 | 102 | 77 | 0.84 |
| KZ 1000 032 V1 | 32 | 116 | 84 | 0.90 |
| KZ 1000 038 V1 | 38 | 128 | 90 | 0.95 |
| KZ 1000 050 V1 | 50 | 152 | 102 | 1.05 |
| KZ 1000 063 V1 | 63 | 178 | 115 | 1.16 |
| KZ 1000 075 V1 | 75 | 202 | 127 | 1.26 |
| KZ 1000 080 V1 | 80 | 212 | 132 | 1.30 |
| KZ 1000 100 V1 | 100 | 252 | 152 | 1.47 |
| KZ 1000 125 V1 | 125 | 302 | 177 | 1.68 |



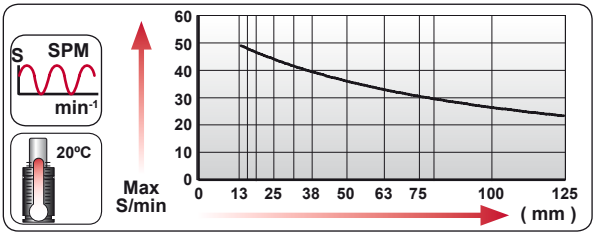

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| KZ 1000 050 V1 | 150 | 2175 | 920 | 1495 |
| KZ-H 1000 050 V1 | 0 | 0 | --- | --- |

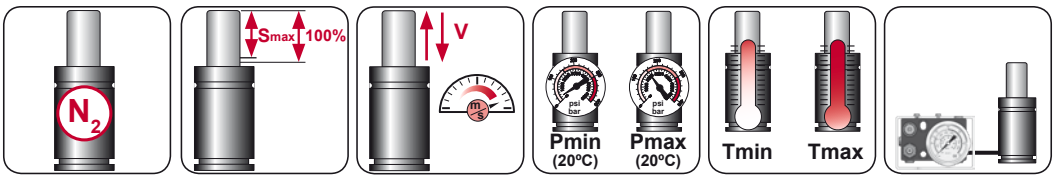
| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

KZ 1000 50

KZ 1000 50 V1



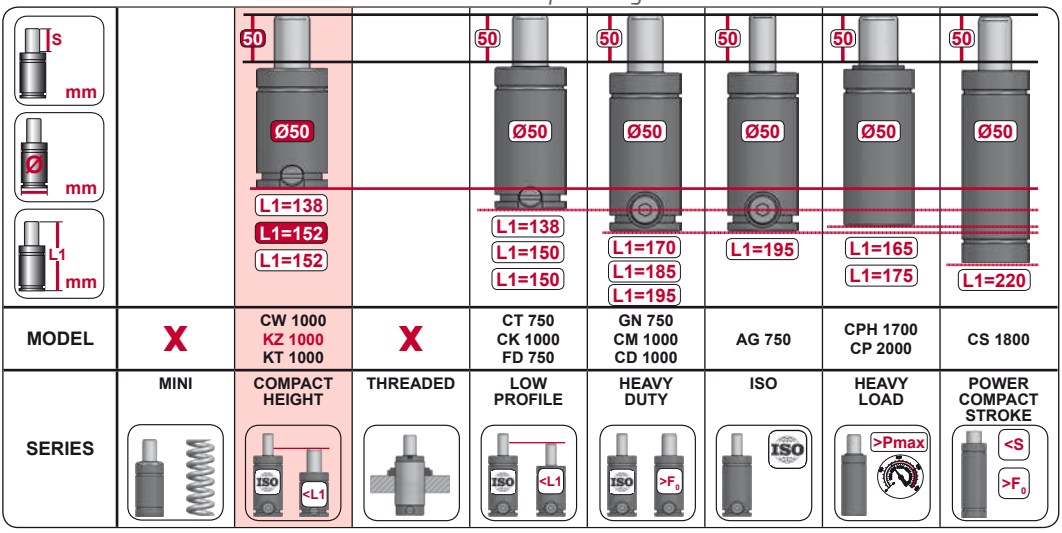




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# KZ 1000 V1 *MOUNTS*

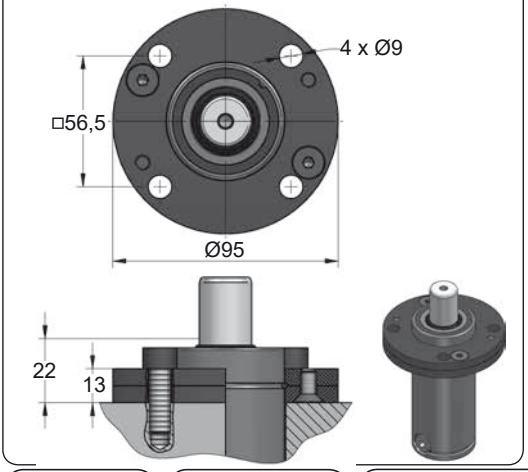
*Compact Height*




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **MODEL** | X | CW 1000<br>KZ 1000<br>KT 1000 | X | CT 750<br>CK 1000<br>FD 750 | GN 750<br>CM 1000<br>CD 1000 | AG 750 | CPH 1700<br>CP 2000 | CS 1800 |
| **SERIES** | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

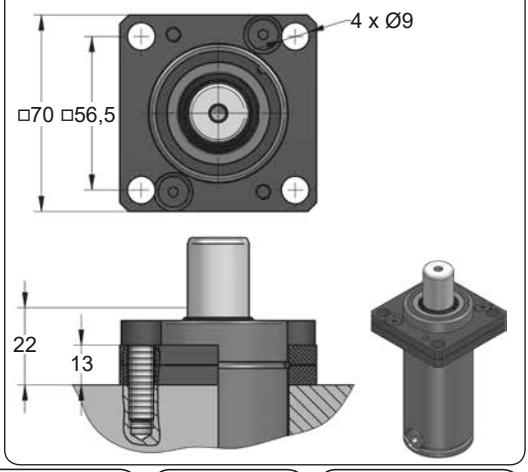
## A14-050

ISO · E24.54.815.G · EM24.54.700/F




## A34-050

ISO · VDI

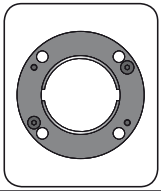


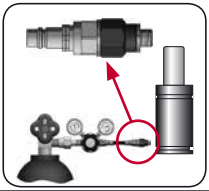












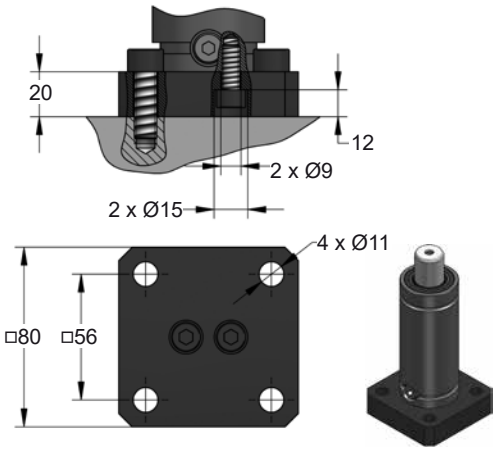
| CODE | | KZ 1000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KZ 1000 V1 MOUNTS

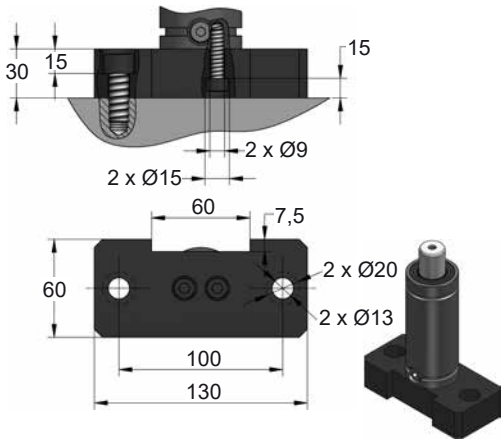
*Compact Height*

AZOL GAS

## B13-050

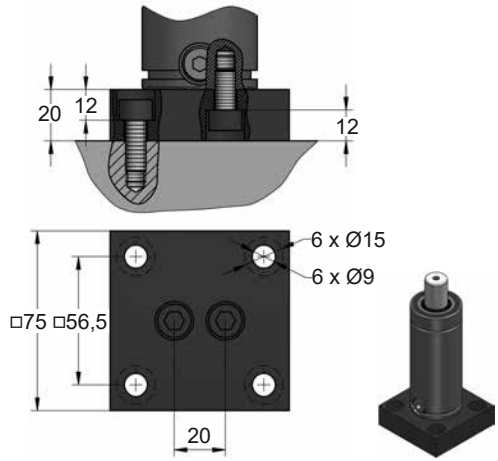



## B18-050

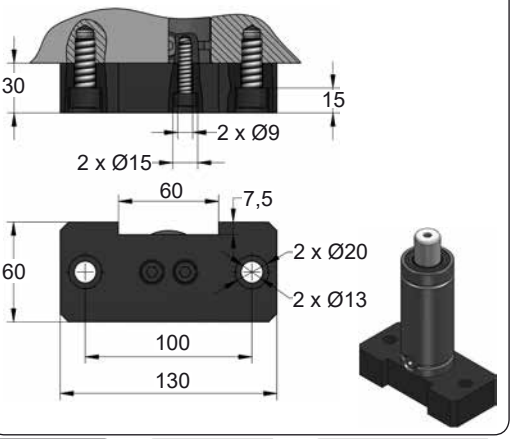



## B21-050

EM24.54.700/F




## B28-050

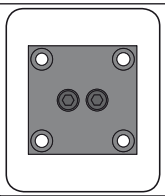


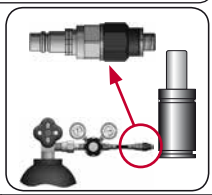












| CODE | | KZ 1000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B13-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

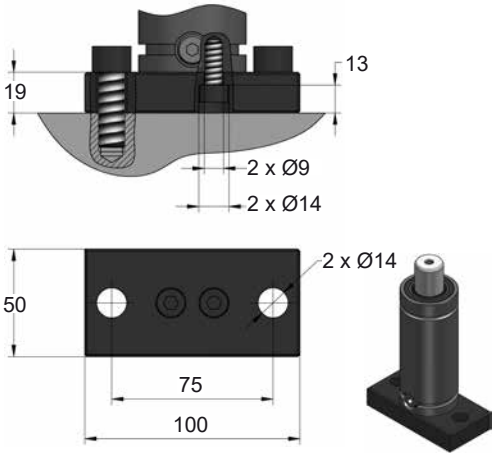
AZOL GAS

# KZ 1000 V1 MOUNTS

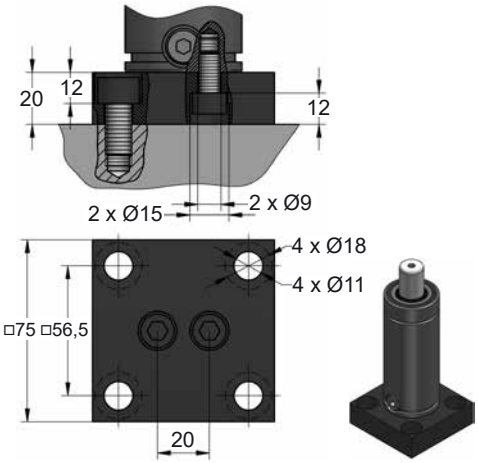
*Compact Height*

## B43-050

K32 P0
EM24.54.700/F



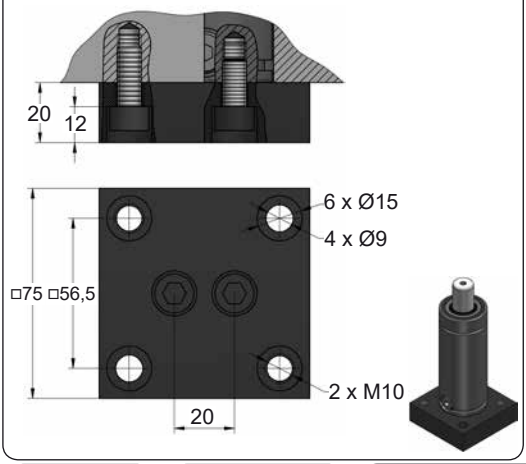

## B51-050



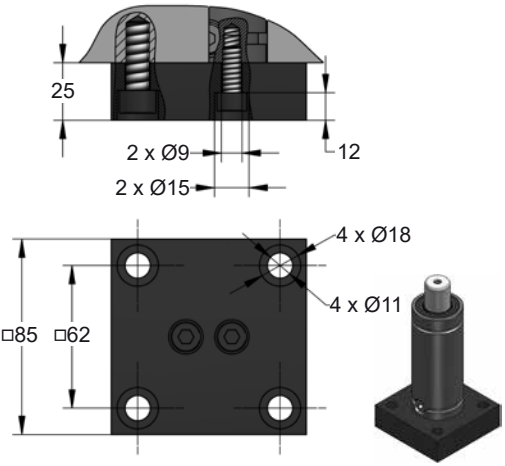

## B76-050

ISO

E24.54.815.G
EM24.54.700/F




## B98-050

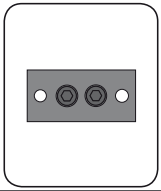


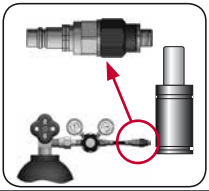












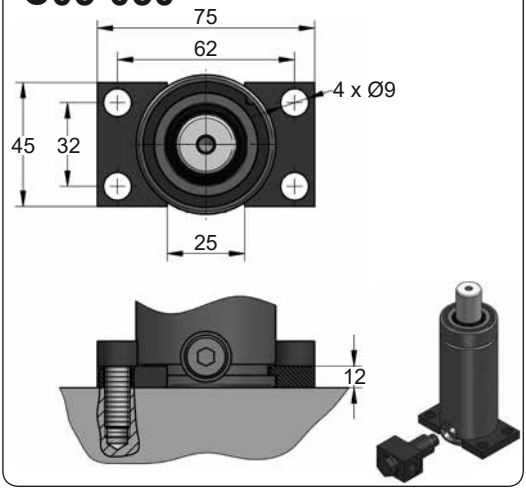
| CODE | | KZ 1000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B43-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KZ 1000 V1 MOUNTS

*Compact Height*

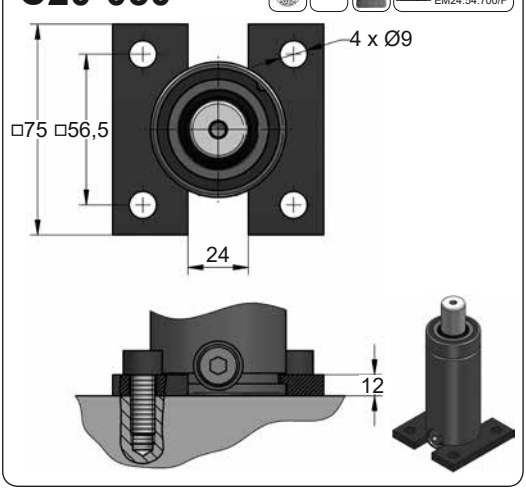
AZOL GAS

## C05-050

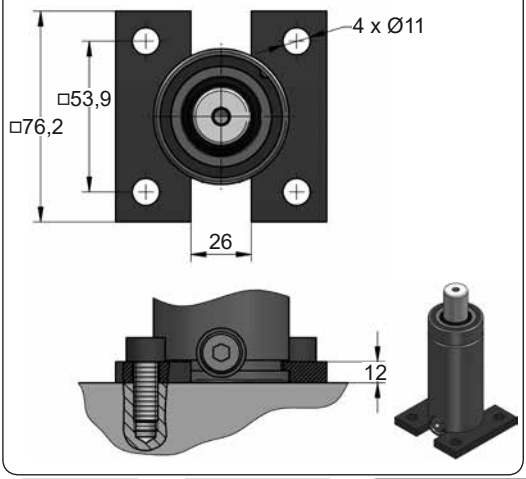



## C20-050

E24.54.815.G
EM24.54.700/F




## CY0-050

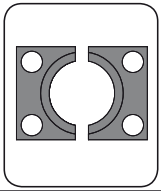


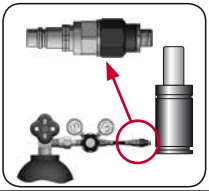












| CODE | | KZ 1000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

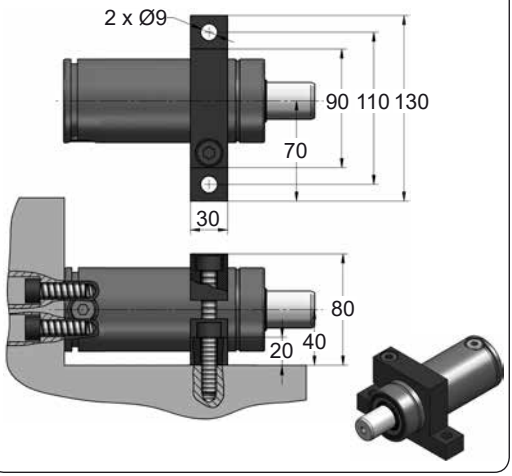
AZOL GAS

# KZ 1000 V1 MOUNTS

*Compact Height*

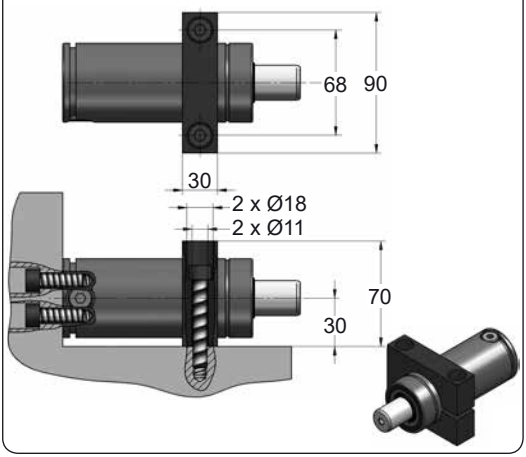
## D02-050

ISO E24.54.815.G EM24.54.700/F

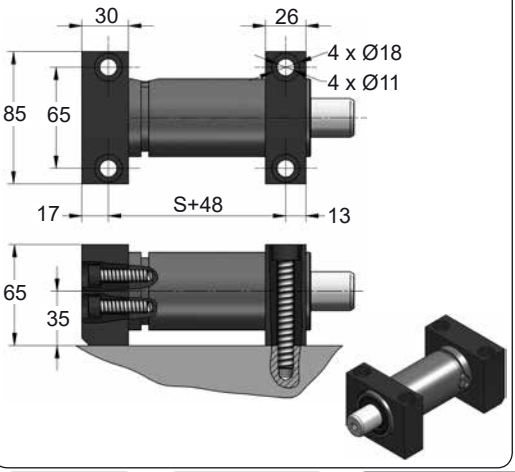



## D67-050

VDI




## D82-050

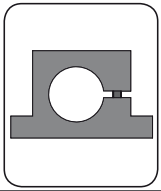


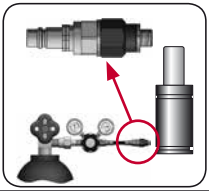










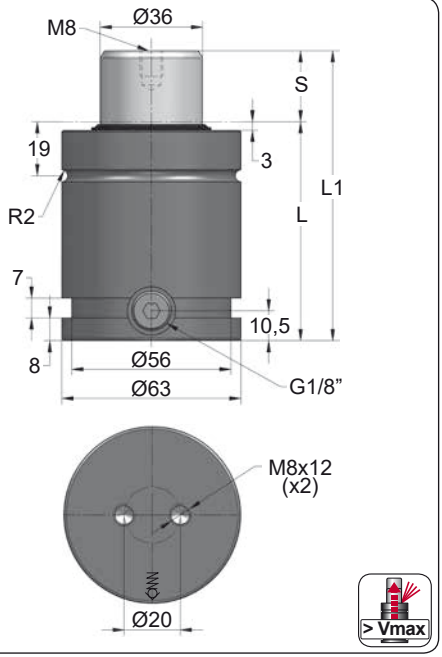


| CODE | | KZ 1000 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

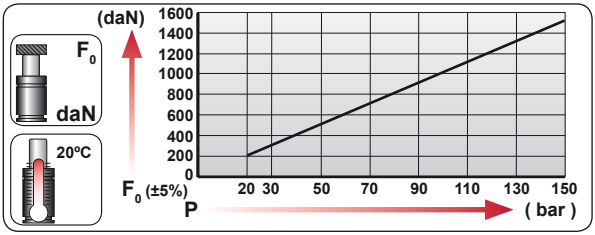
# KZ 1500

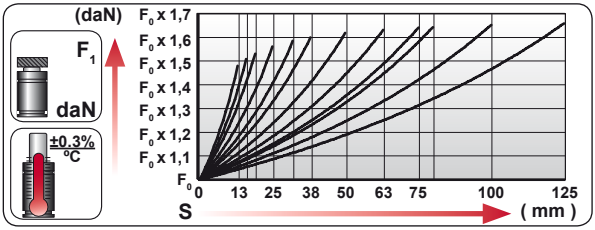
*Compact Height*

AZOL GAS



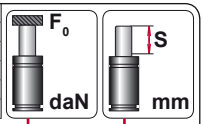

| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| KZ 1500 013 | 13 | 78 | 65 | 1.17 |
| KZ 1500 016 | 16 | 84 | 68 | 1.21 |
| KZ 1500 019 | 19 | 90 | 71 | 1.25 |
| KZ 1500 025 | 25 | 102 | 77 | 1.32 |
| KZ 1500 032 | 32 | 116 | 84 | 1.41 |
| KZ 1500 038 | 38 | 128 | 90 | 1.49 |
| KZ 1500 050 | 50 | 152 | 102 | 1.64 |
| KZ 1500 063 | 63 | 178 | 115 | 1.81 |
| KZ 1500 075 | 75 | 202 | 127 | 1.97 |
| KZ 1500 080 | 80 | 212 | 132 | 2.03 |
| KZ 1500 100 | 100 | 252 | 152 | 2.29 |
| KZ 1500 125 | 125 | 302 | 177 | 2.61 |

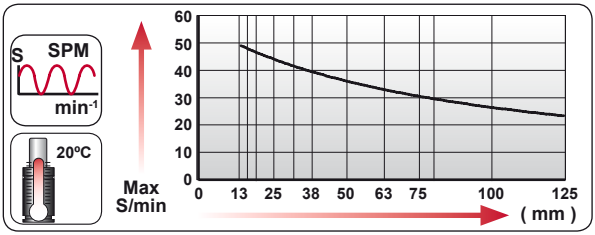


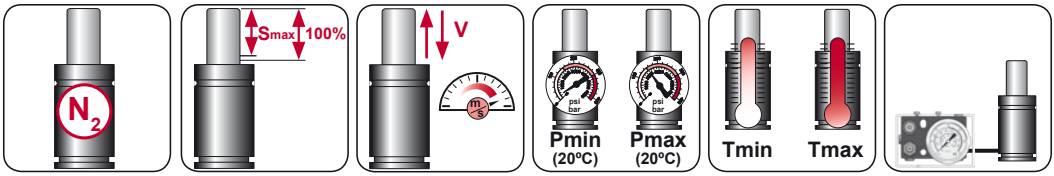




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| KZ 1500 050 | 150 | 2175 | 1530 | 2475 |
| KZ-H 1500 050 | 0 | 0 | --- | --- |

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



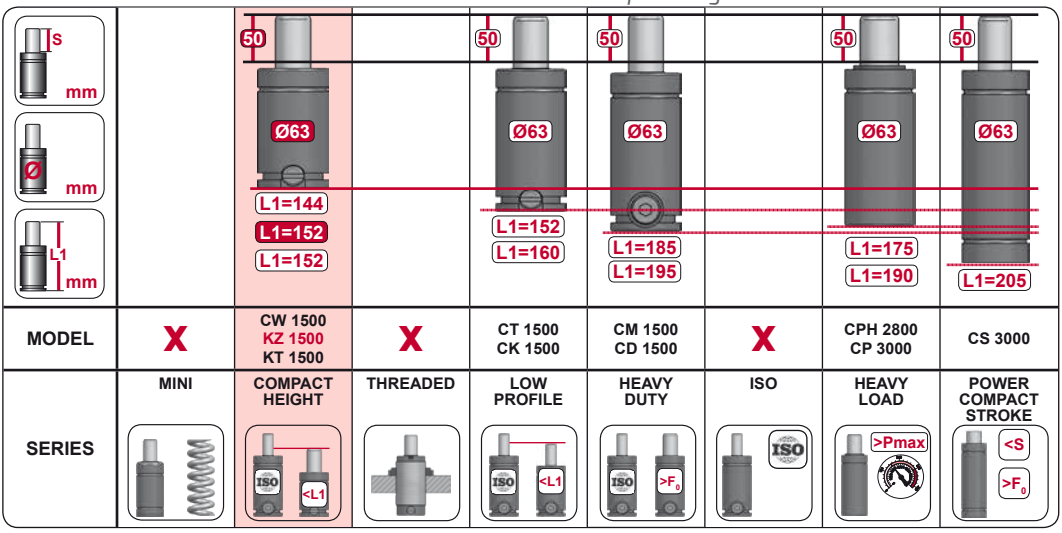




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

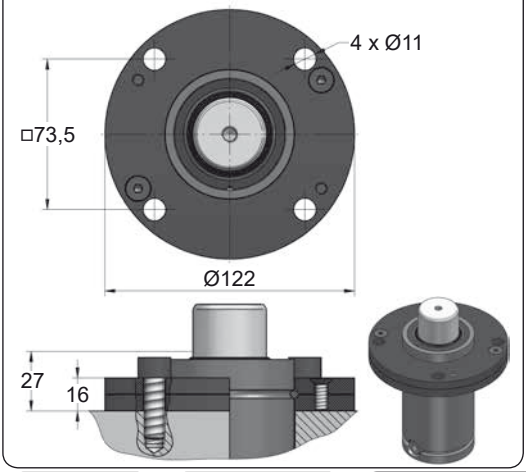
# KZ 1500 MOUNTS

*Compact Height*

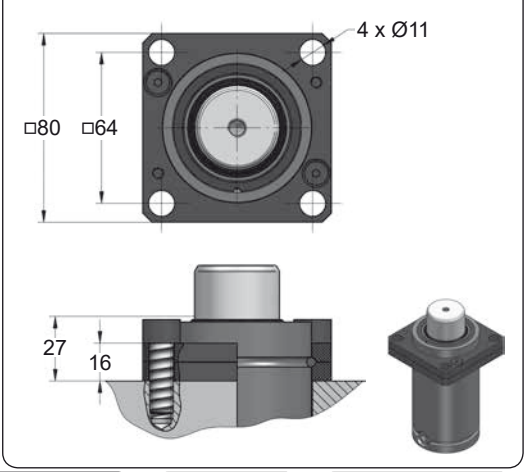



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **MODEL** | X | CW 1500<br>KZ 1500<br>KT 1500 | X | CT 1500<br>CK 1500 | CM 1500<br>CD 1500 | X | CPH 2800<br>CP 3000 | CS 3000 |
| **SERIES** | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-063




## A69-063

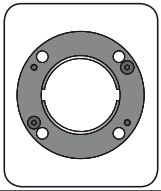


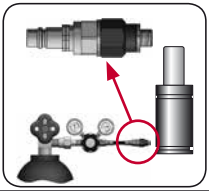












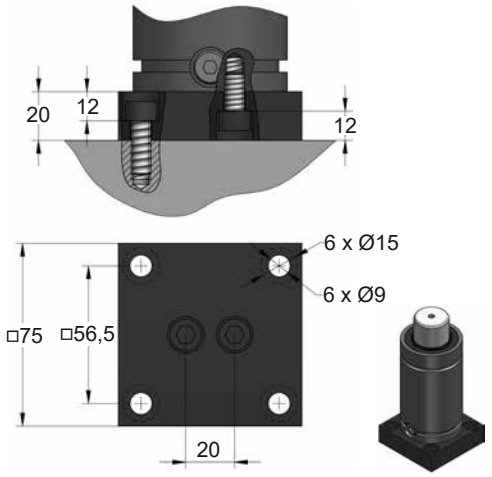
| CODE | | KZ 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KZ 1500 MOUNTS

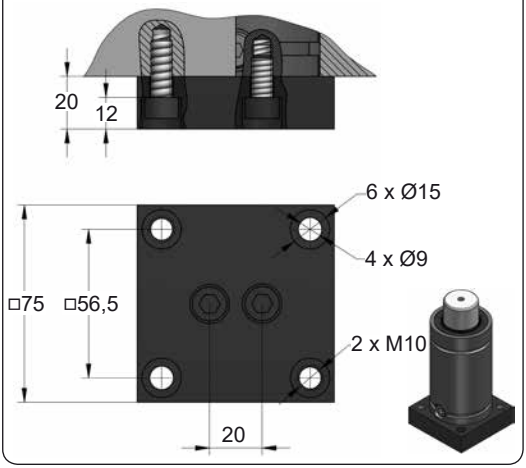
*Compact Height*

AZOL GAS

## B21-063




## B76-063

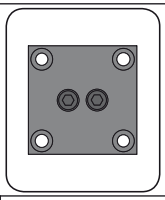


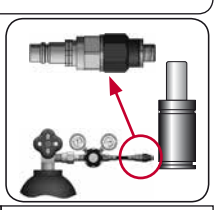












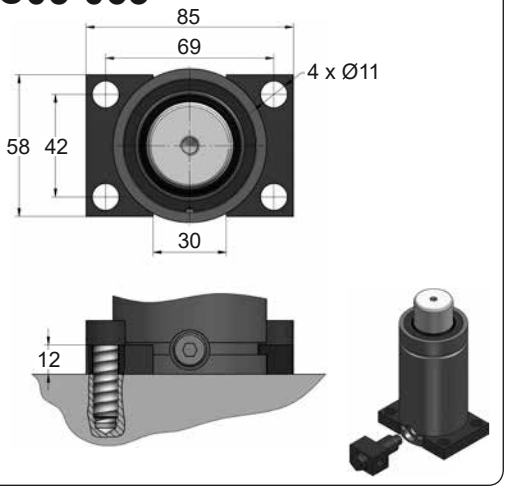
| CODE | | KZ 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B21-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

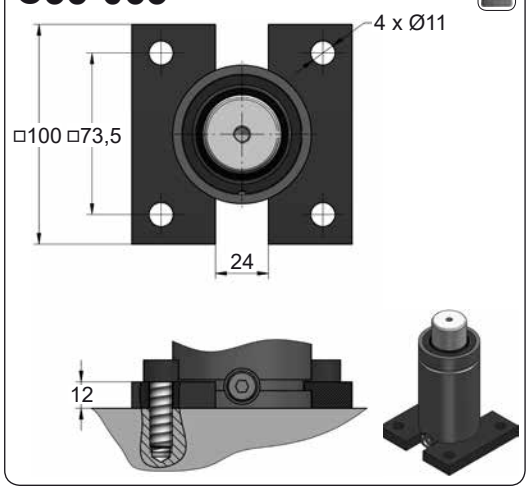
# KZ 1500 MOUNTS

*Compact Height*

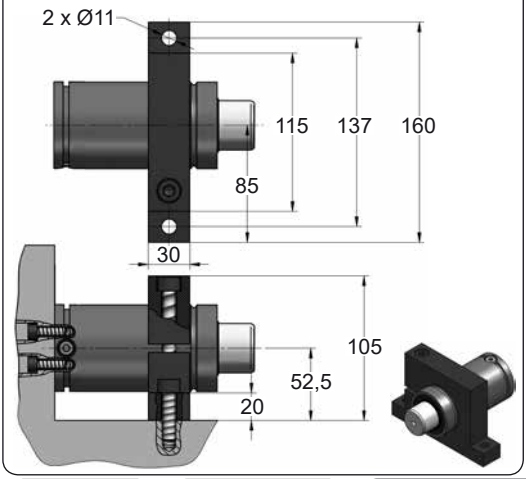
## C05-063



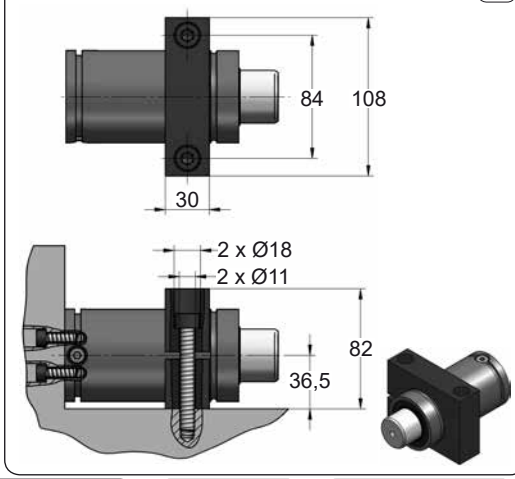

## C35-063




## D02-063




## D67-063

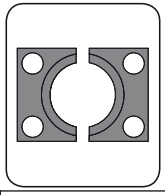


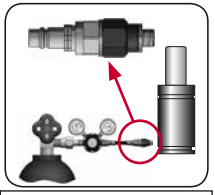










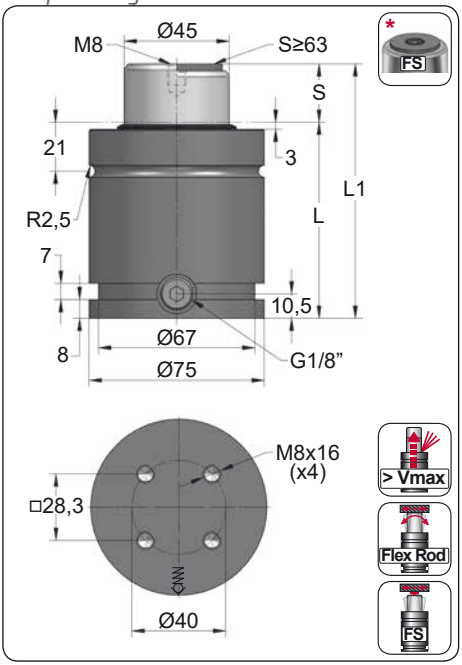


| CODE | | KZ 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

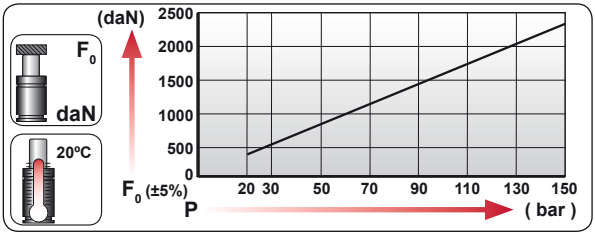
# KZ 2400

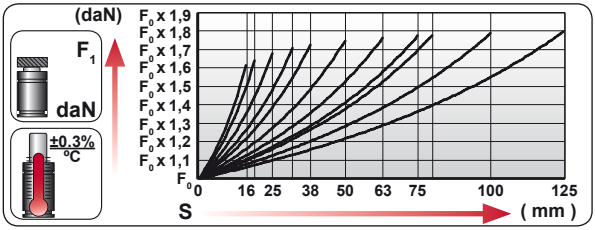
*Compact Height*

AZOL GAS



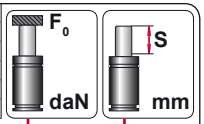

| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| KZ 2400 016 | 16 | 91 | 75 | 1.89 |
| KZ 2400 019 | 19 | 97 | 78 | 1.94 |
| KZ 2400 025 | 25 | 109 | 84 | 2.04 |
| KZ 2400 032 | 32 | 123 | 91 | 2.16 |
| KZ 2400 038 | 38 | 135 | 97 | 2.26 |
| KZ 2400 050 | 50 | 159 | 109 | 2.47 |
| KZ 2400 063 * | 63 | 185 | 122 | 2.69 |
| KZ 2400 075 * | 75 | 209 | 134 | 2.90 |
| KZ 2400 080 * | 80 | 219 | 139 | 2.98 |
| KZ 2400 100 * | 100 | 259 | 159 | 3.33 |
| KZ 2400 125 * | 125 | 309 | 184 | 3.75 |



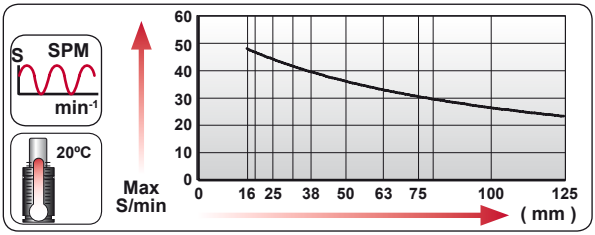

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| KZ 2400 050 | 150 | 2175 | 2385 | 3890 |
| KZ-H 2400 050 | 0 | 0 | --- | --- |

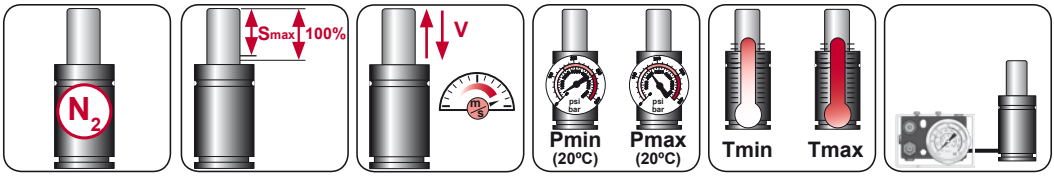
| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




KZ 2400 50

KZ 2400 50



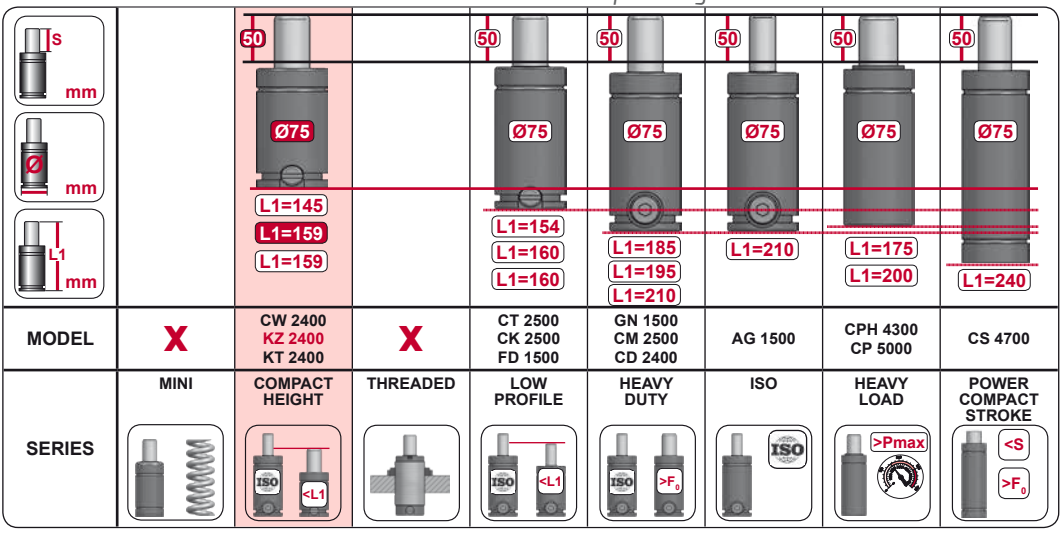




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# KZ 2400 MOUNTS

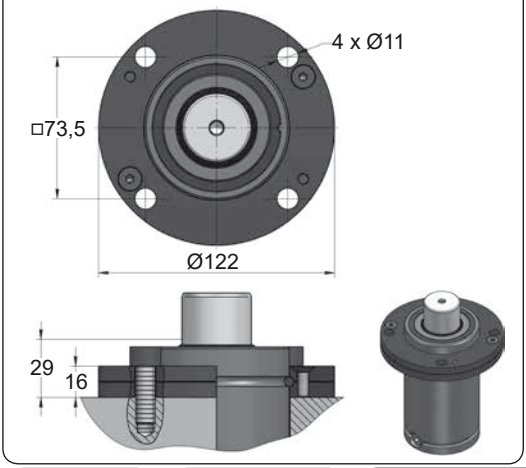
*Compact Height*




| MODEL | X | CW 2400<br>KZ 2400<br>KT 2400 | X | CT 2500<br>CK 2500<br>FD 1500 | GN 1500<br>CM 2500<br>CD 2400 | AG 1500 | CPH 4300<br>CP 5000 | CS 4700 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

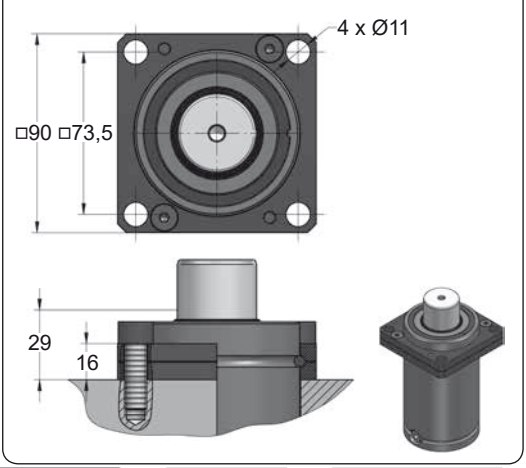
## A14-075

ISO E24.54.815.G EM24.54.700/F




## A34-075

ISO VDI

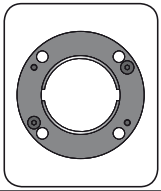


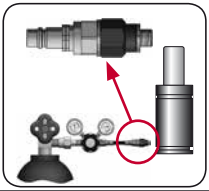












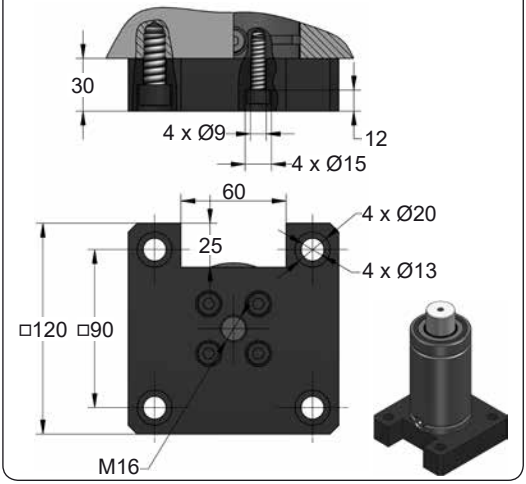
| CODE | | KZ 2400 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KZ 2400 MOUNTS

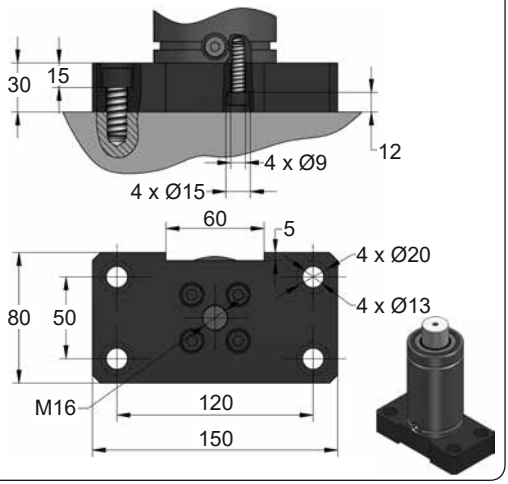
*Compact Height*

AZOL GAS

## B13-075

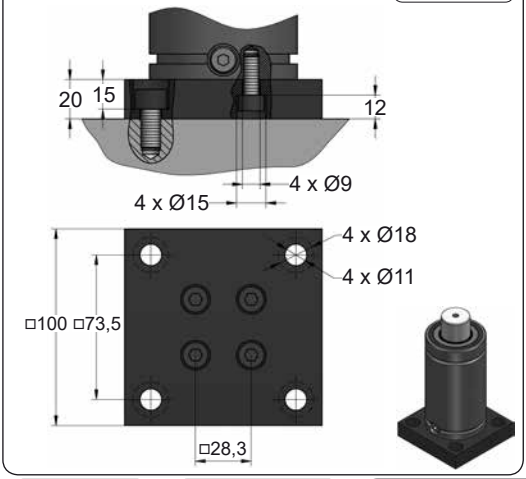



## B18-075

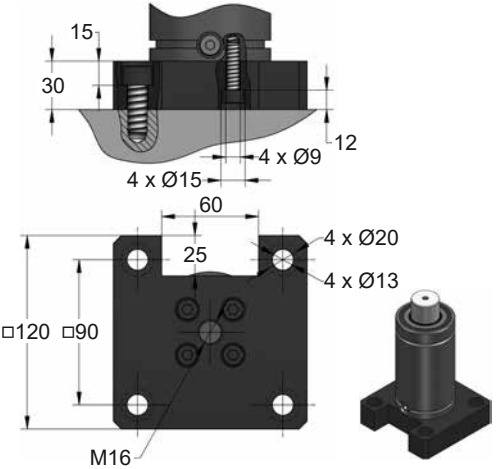



## B21-075

EM24.54.700/F




## B23-075

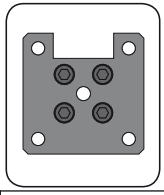


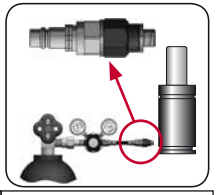












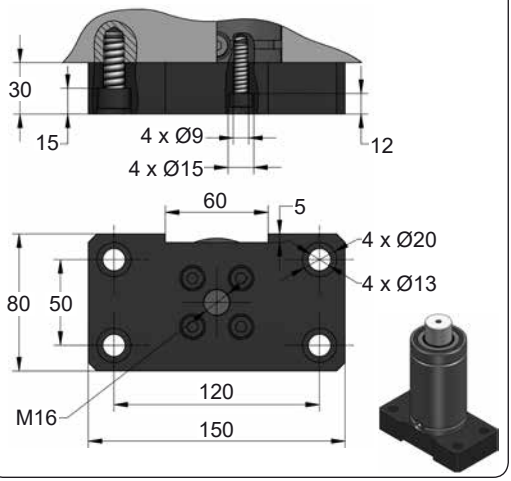
| CODE | | KZ 2400 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B13-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# KZ 2400 MOUNTS

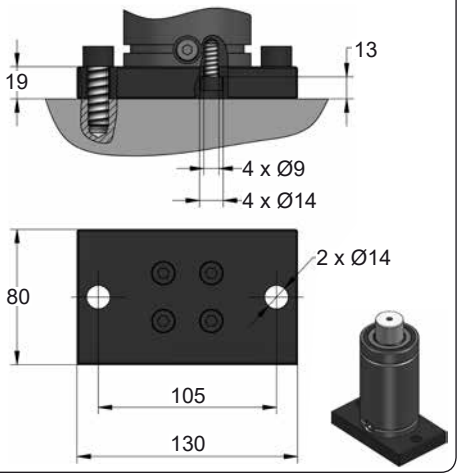
Compact Height

## B28-075



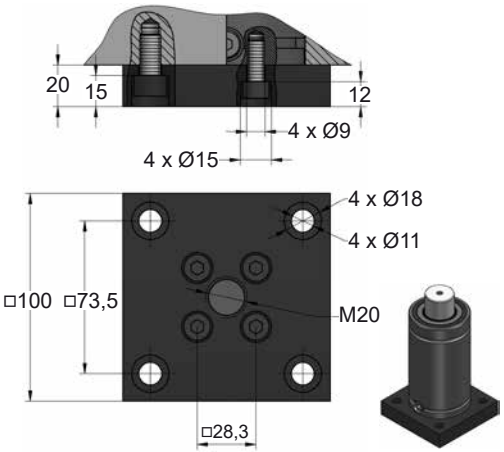

## B43-075

K32 P0
EM24.54.700/F

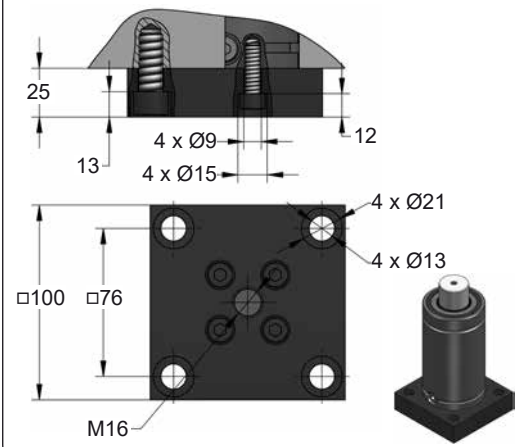



## B76-075

E24.54.815.G
EM24.54.700/F




## B98-075

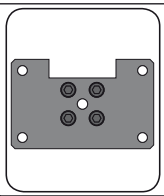


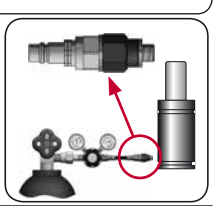












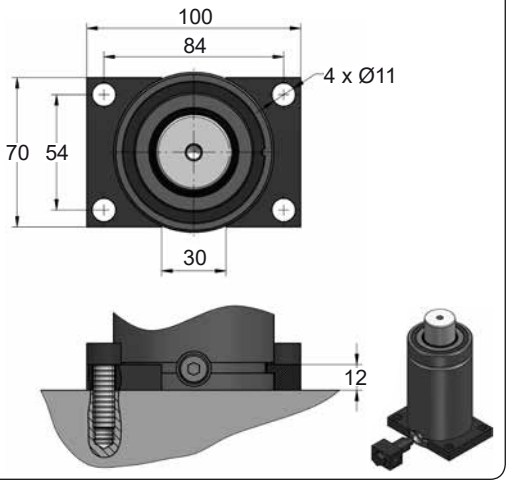
| CODE | | KZ 2400 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B28-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KZ 2400 MOUNTS

*Compact Height*

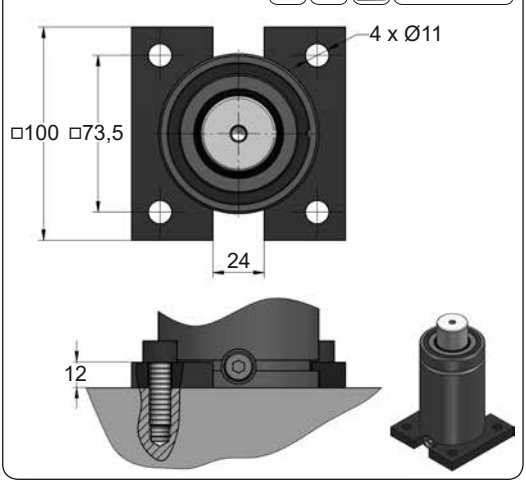
AZOL GAS

## C05-075

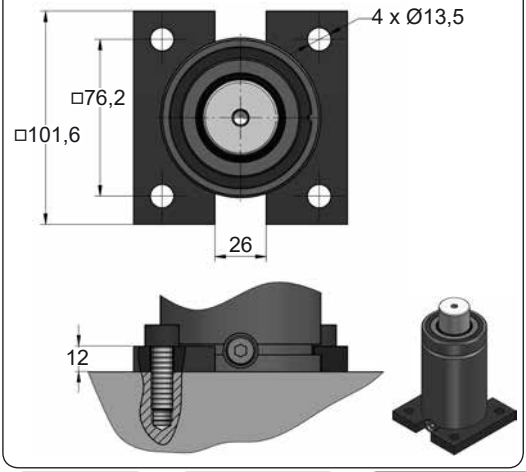



## C20-075

E24.54.815.G
EM24.54.700/F




## CY0-075

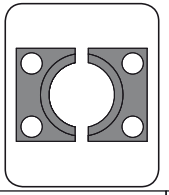


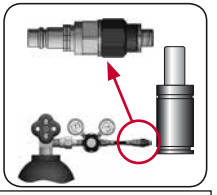












| CODE | | KZ 2400 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

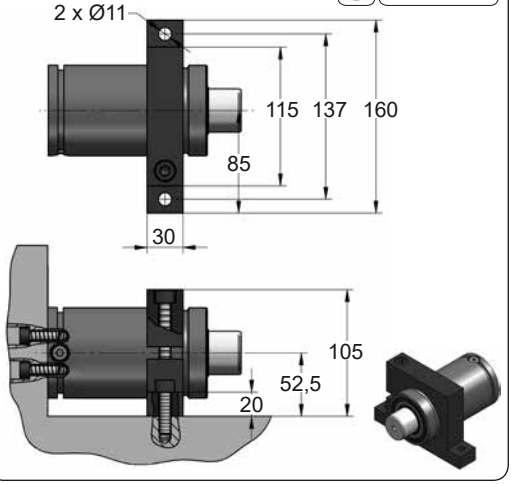
AZOL GAS

# KZ 2400 MOUNTS

*Compact Height*

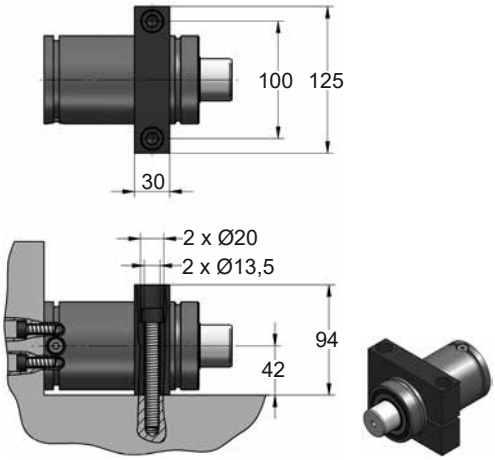
## D02-075

ISO E24.54.815.G EM24.54.700/F

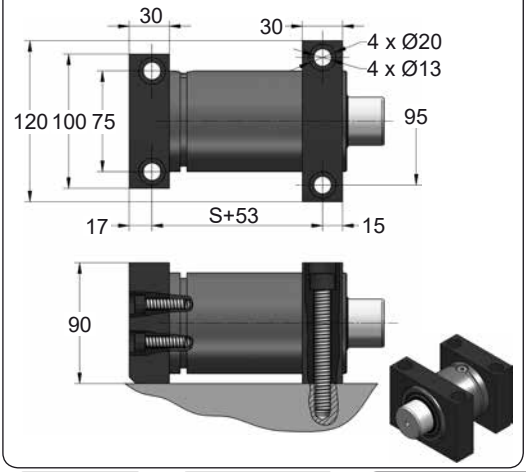



## D67-075

VDI




## D82-075

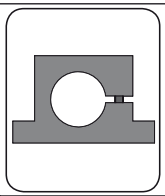


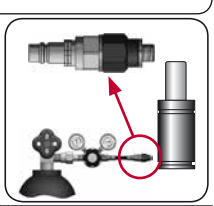










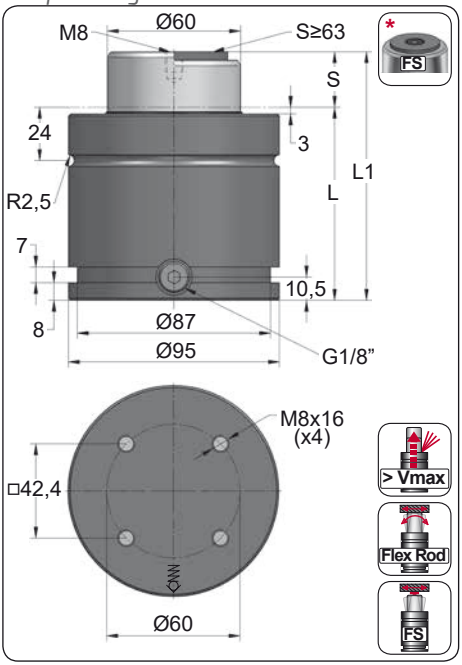


| CODE | | KZ 2400 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

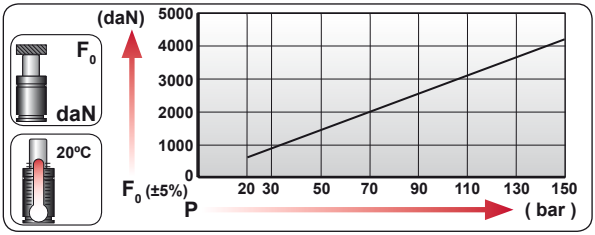
# KZ 4200

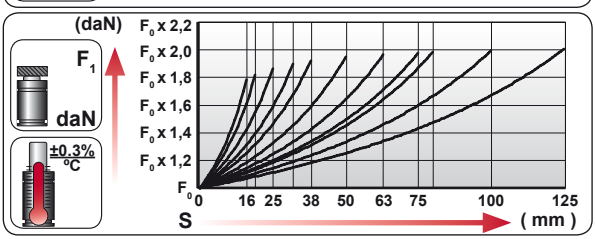
*Compact Height*

AZOL GAS



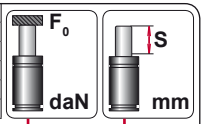

| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| KZ 4200 016 | 16 | 94 | 78 | 3.19 |
| KZ 4200 019 | 19 | 100 | 81 | 3.27 |
| KZ 4200 025 | 25 | 112 | 87 | 3.44 |
| KZ 4200 032 | 32 | 126 | 94 | 3.64 |
| KZ 4200 038 | 38 | 138 | 100 | 3.81 |
| KZ 4200 050 | 50 | 162 | 112 | 4.16 |
| KZ 4200 063 * | 63 | 188 | 125 | 4.53 |
| KZ 4200 075 * | 75 | 212 | 137 | 4.87 |
| KZ 4200 080 * | 80 | 222 | 142 | 5.01 |
| KZ 4200 100 * | 100 | 262 | 162 | 5.58 |
| KZ 4200 125 * | 125 | 312 | 187 | 6.29 |



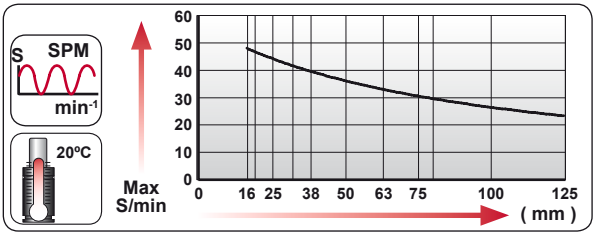

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| KZ 4200 050 | 150 | 2175 | 4240 | 7200 |
| KZ-H 4200 050 | 0 | 0 | --- | --- |

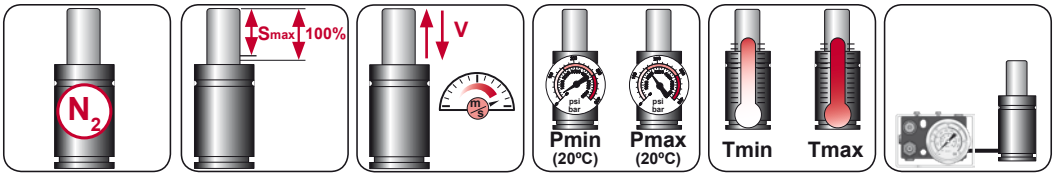
| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




KZ 4200 50

KZ 4200 50



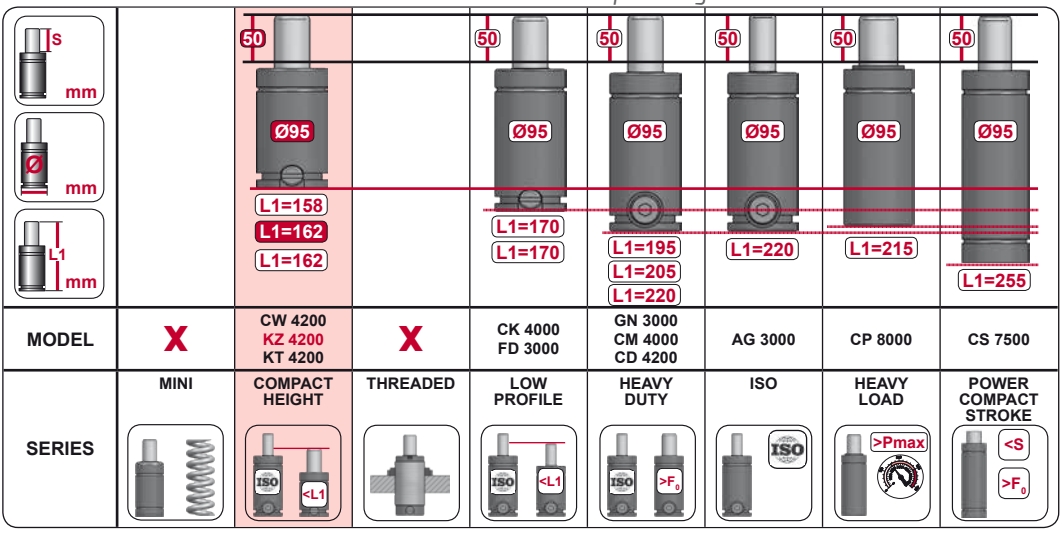




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# KZ 4200 MOUNTS

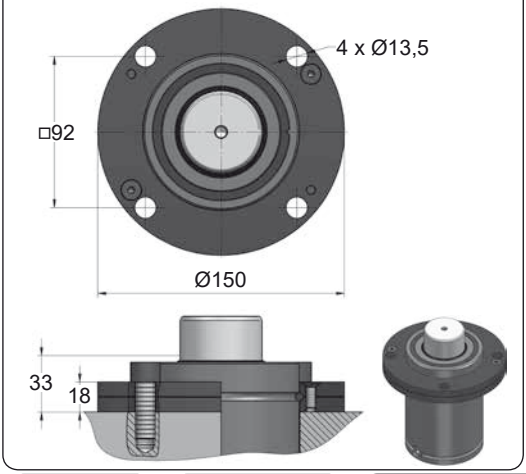
*Compact Height*




| MODEL | X | CW 4200<br>KZ 4200<br>KT 4200 | X | CK 4000<br>FD 3000 | GN 3000<br>CM 4000<br>CD 4200 | AG 3000 | CP 8000 | CS 7500 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

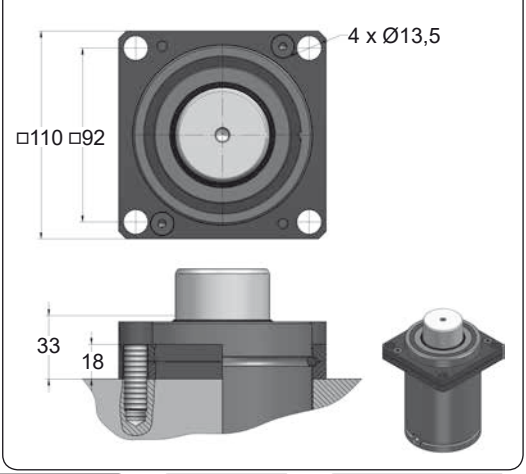
## A14-095

ISO E24.54.815.G EM24.54.700/F




## A34-095

ISO VDI

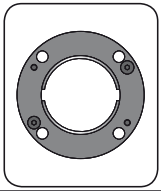


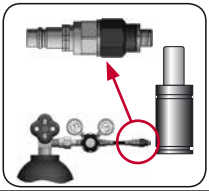












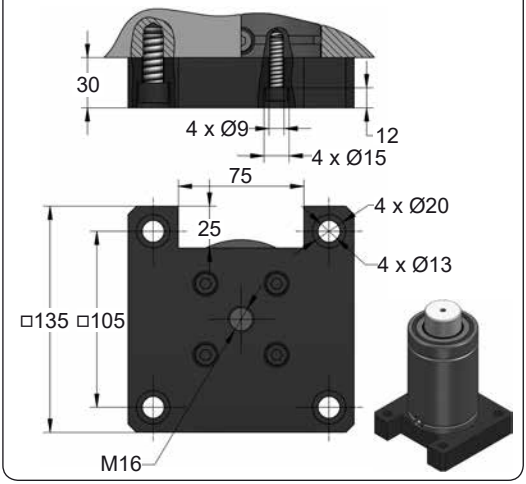
| CODE | | KZ 4200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KZ 4200 MOUNTS

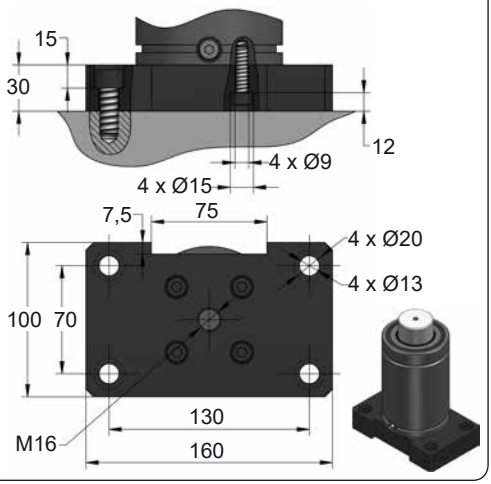
*Compact Height*

AZOL GAS

## B13-095

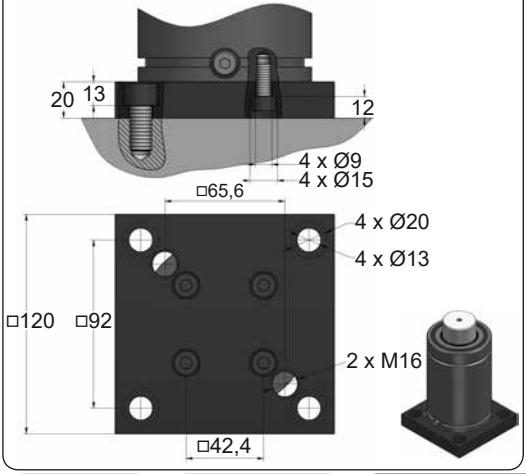



## B18-095

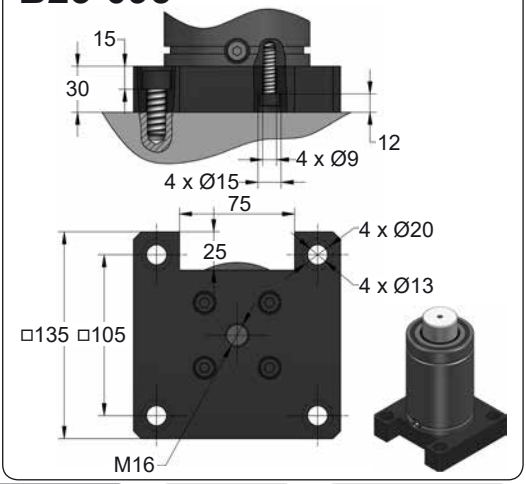



## B21-095

EM24.54.700/F




## B23-095

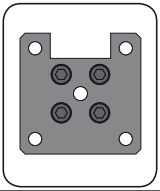


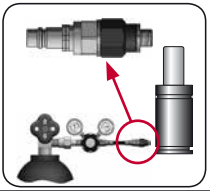












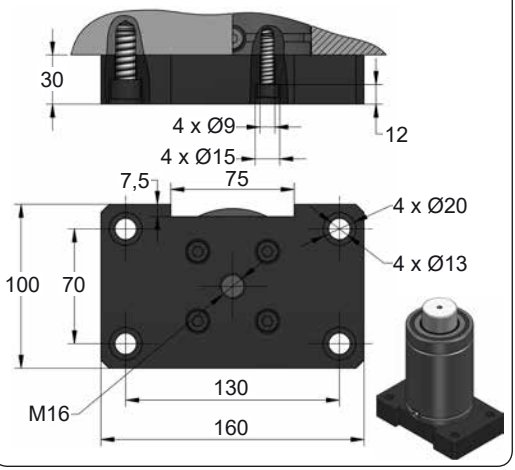
| CODE | | KZ 4200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B13-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# KZ 4200 MOUNTS

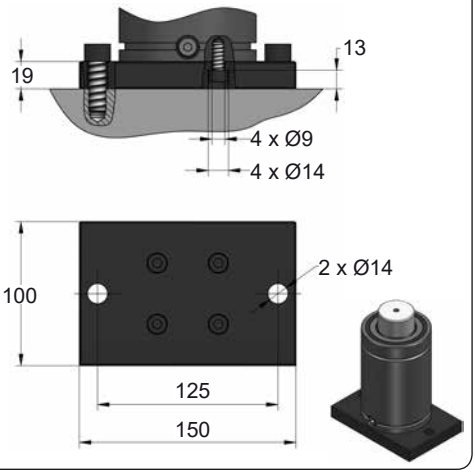
*Compact Height*

## B28-095



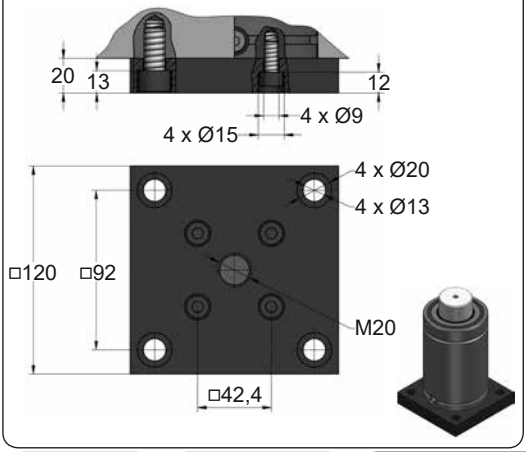

## B43-095

K32 P0
EM24.54.700/F

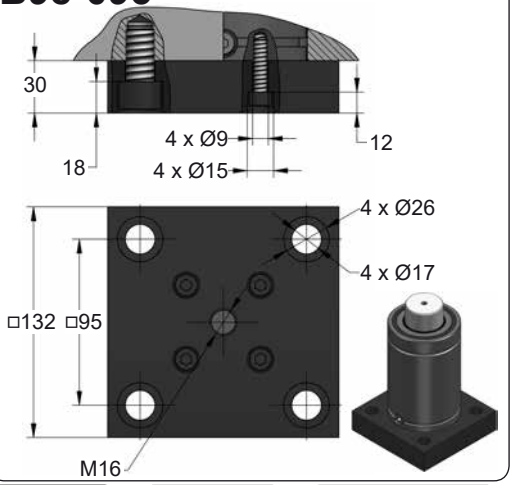



## B76-095

ISO EM24.54.700/F




## B98-095

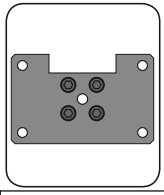


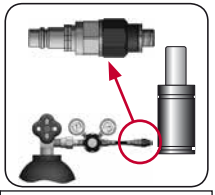












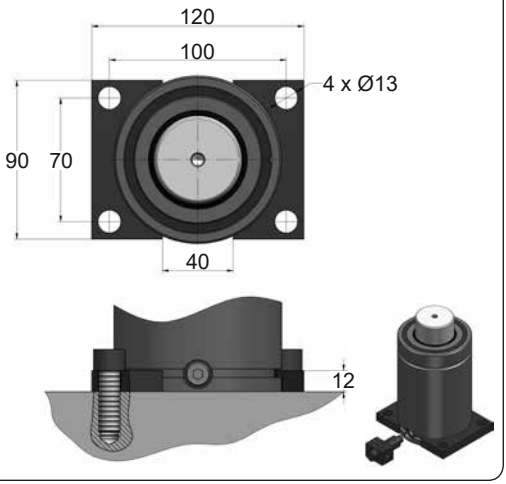
| CODE | | KZ 4200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B28-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KZ 4200 MOUNTS

*Compact Height*

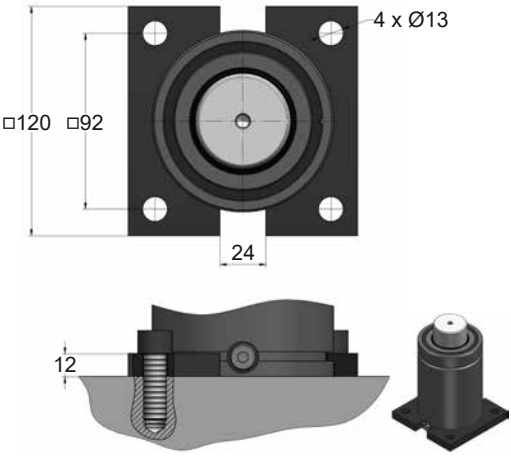
AZOL GAS

## C05-095

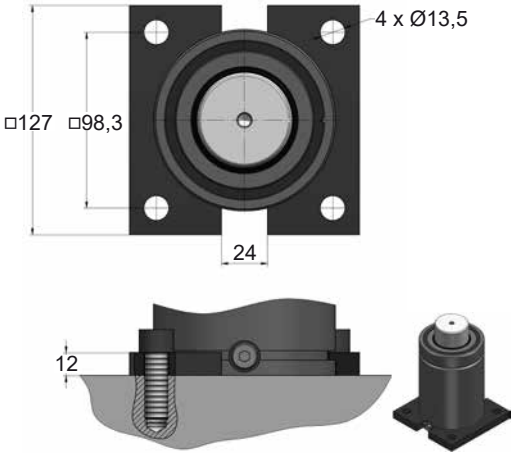



## C20-095

ISO VDI E24.54.815.G EM24.54.700/F




## CY0-095

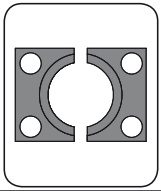


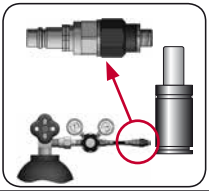












| CODE | | KZ 4200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

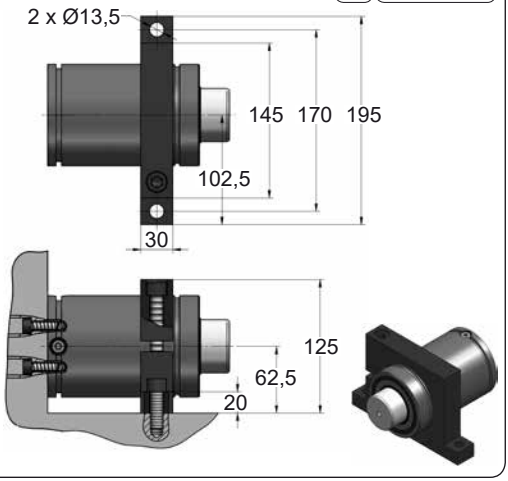
AZOL GAS

# KZ 4200 MOUNTS

Compact Height

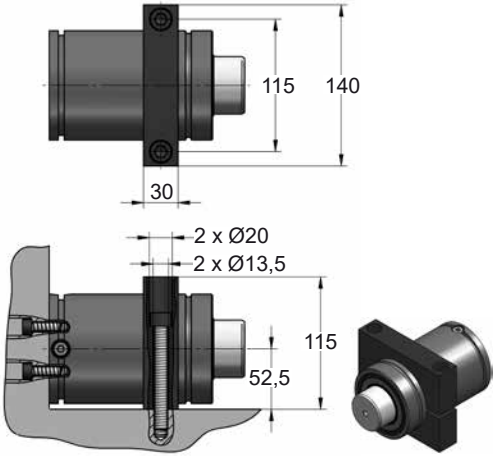
## D02-095

ISO E24.54.815.G EM24.54.700/F

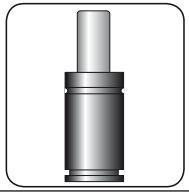



## D67-095

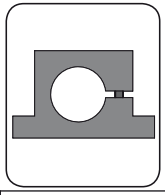
VDI

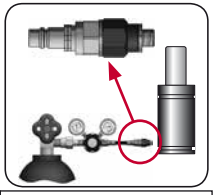






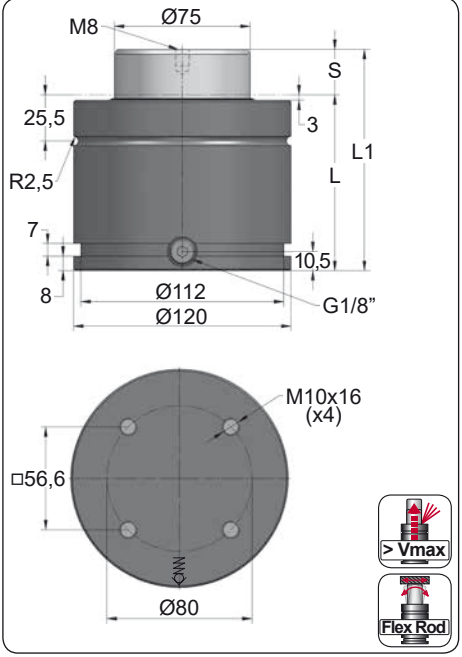


| CODE | | KZ 4200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

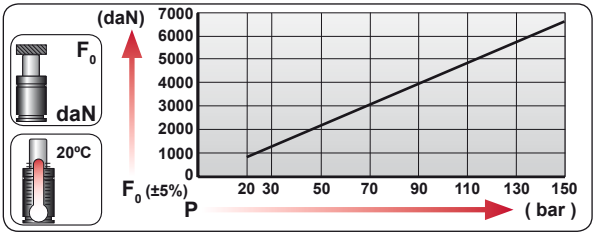
# KZ 6600

*Compact Height*

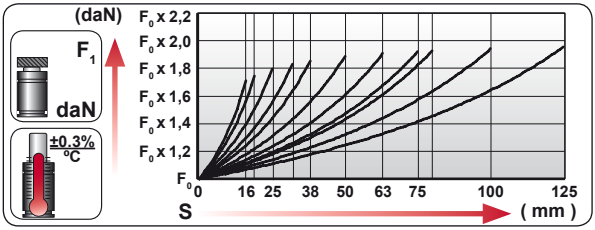
AZOL GAS



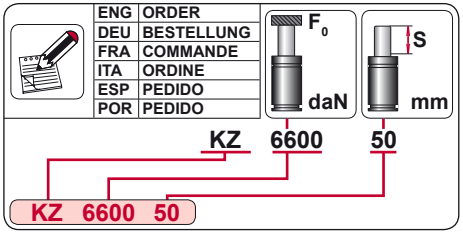

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| KZ 6600 016 | 16 | 104 | 88 | 5.89 |
| KZ 6600 019 | 19 | 110 | 91 | 6.03 |
| KZ 6600 025 | 25 | 122 | 97 | 6.31 |
| KZ 6600 032 | 32 | 136 | 104 | 6.63 |
| KZ 6600 038 | 38 | 148 | 110 | 6.91 |
| KZ 6600 050 | 50 | 172 | 122 | 7.47 |
| KZ 6600 063 | 63 | 198 | 135 | 8.07 |
| KZ 6600 075 | 75 | 222 | 147 | 8.63 |
| KZ 6600 080 | 80 | 232 | 152 | 8.86 |
| KZ 6600 100 | 100 | 272 | 172 | 9.79 |
| KZ 6600 125 | 125 | 322 | 197 | 10.95 |

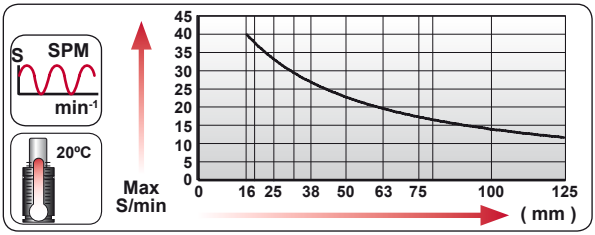


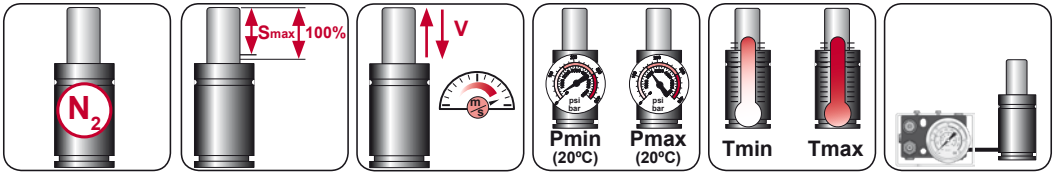

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| KZ 6600 050 | 150 | 2175 | 6630 | 10990 |
| KZ-H 6600 050 | 0 | 0 | --- | --- |




| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



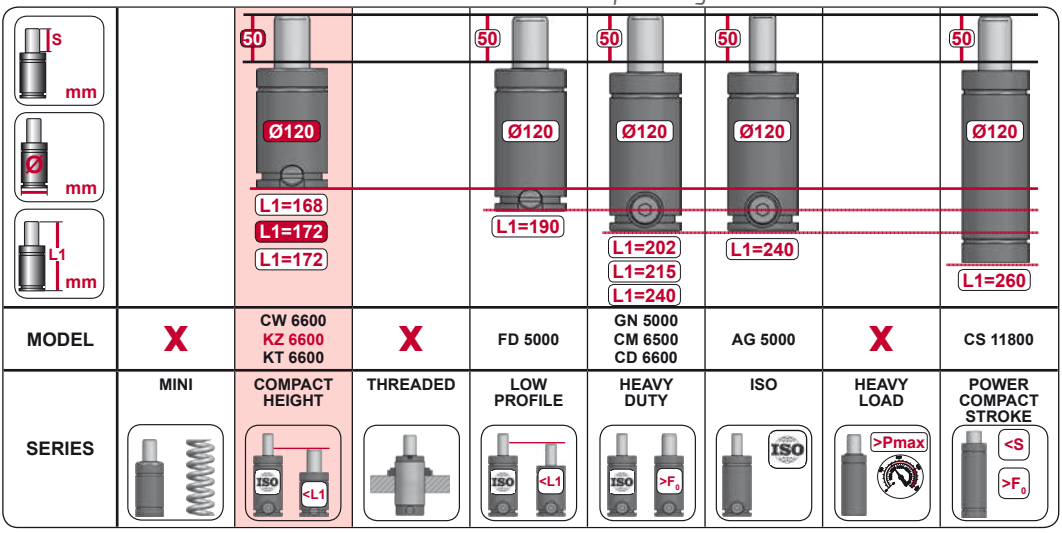




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# KZ 6600 MOUNTS

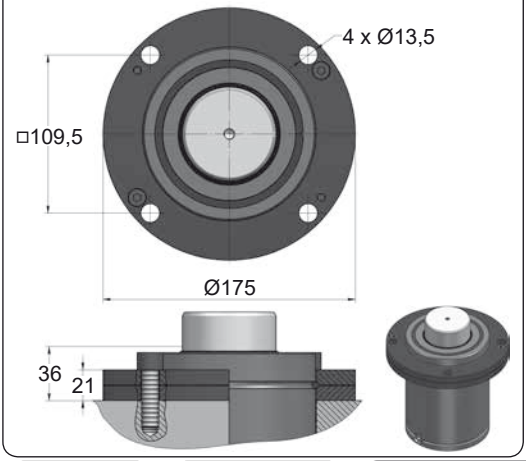
*Compact Height*




| MODEL | X | CW 6600<br>KZ 6600<br>KT 6600 | X | FD 5000 | GN 5000<br>CM 6500<br>CD 6600 | AG 5000 | X | CS 11800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

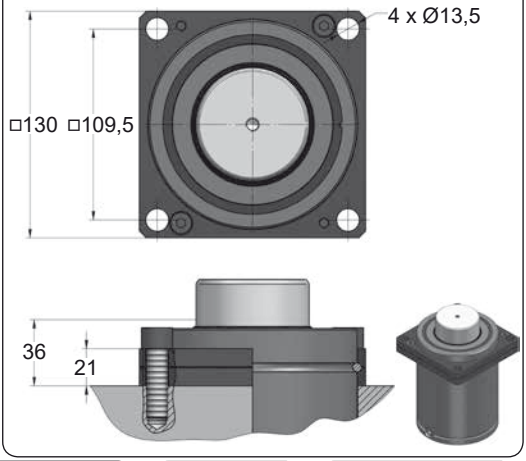
## A14-120

ISO E24.54.815.G EM24.54.700/F




## A34-120

ISO VDI

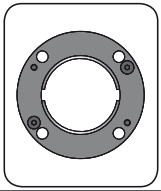


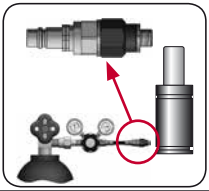












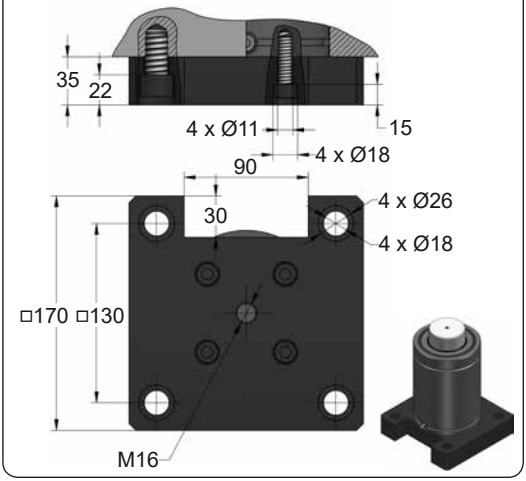
| CODE | | KZ 6600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KZ 6600 MOUNTS

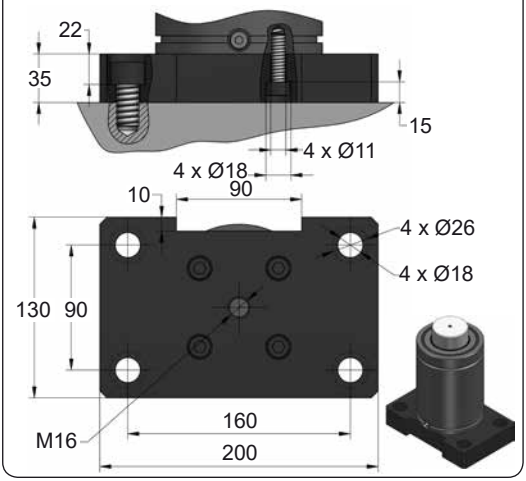
*Compact Height*

AZOL GAS

## B13-120

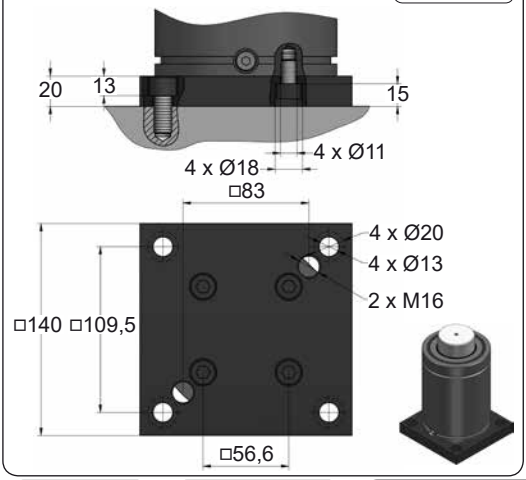



## B18-120

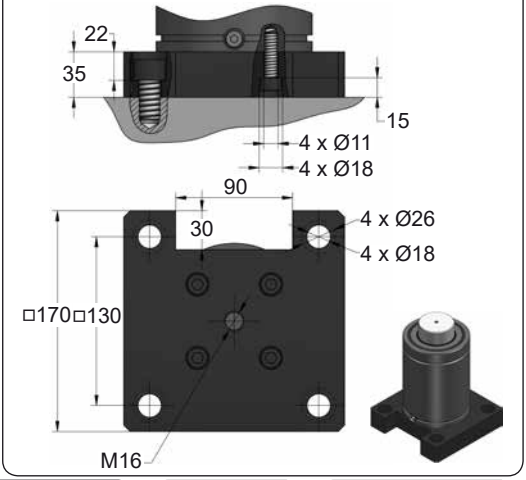



## B21-120

EM24.54.700/F




## B23-120

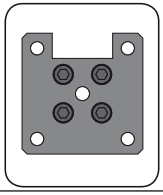


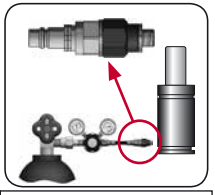












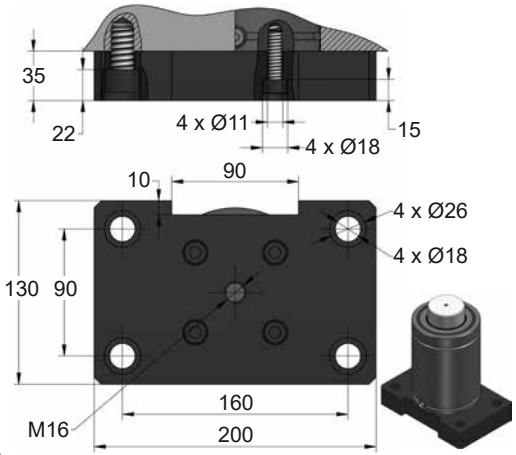
| CODE | | KZ 6600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B13-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# KZ 6600 MOUNTS

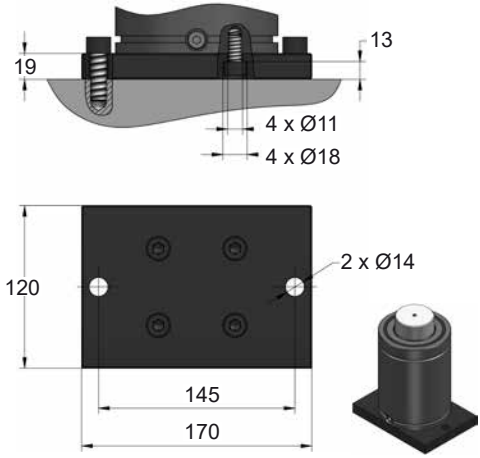
*Compact Height*

## B28-120



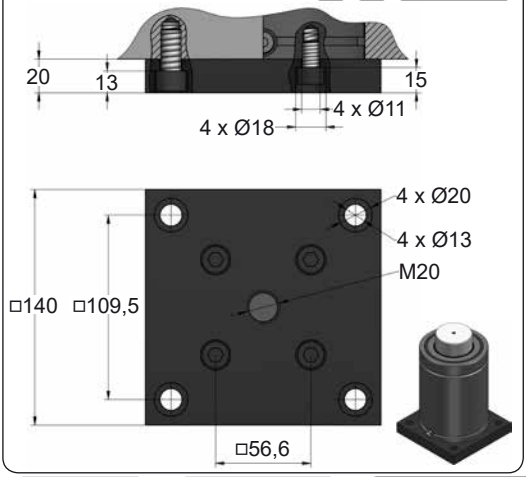

## B43-120

K32 P0
EM24.54.700/F




## B76-120

ISO
EM24.54.700/F







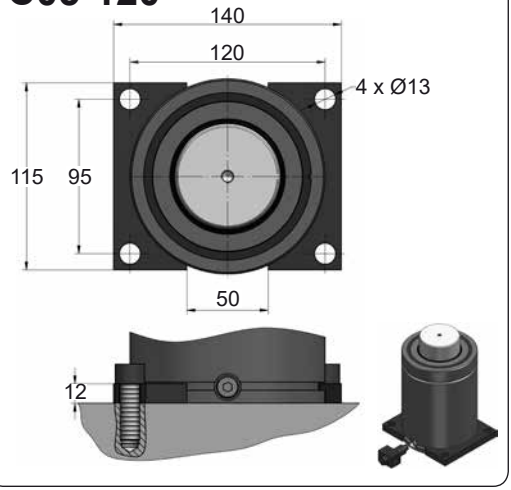
| CODE | | KZ 6600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B28-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KZ 6600 MOUNTS

*Compact Height*

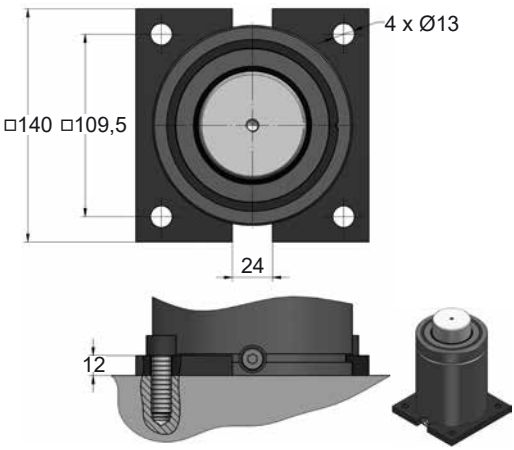
AZOL GAS

## C05-120

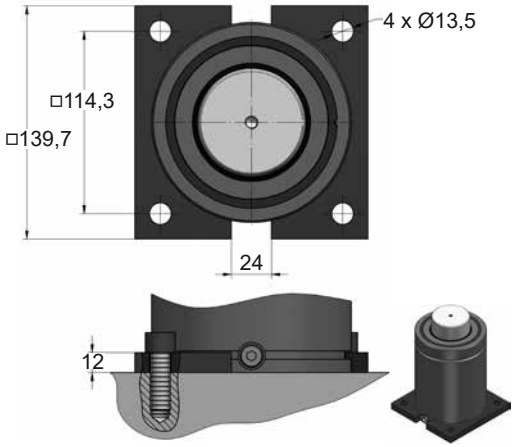



## C20-120

E24.54.815.G
EM24.54.700/F




## CY0-120

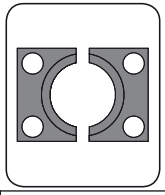


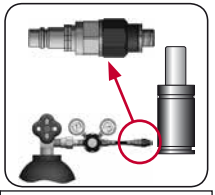












| CODE | | KZ 6600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

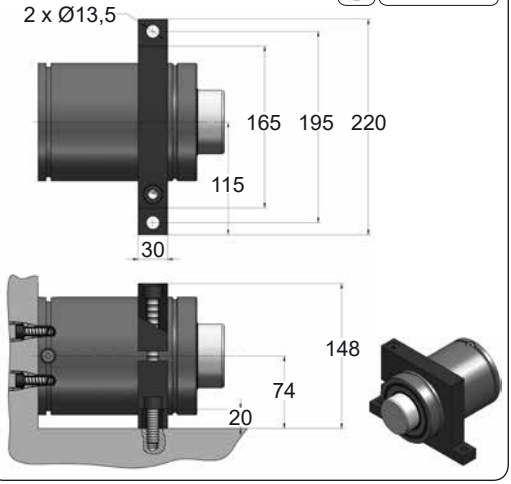
AZOL GAS

# KZ 6600 MOUNTS

*Compact Height*

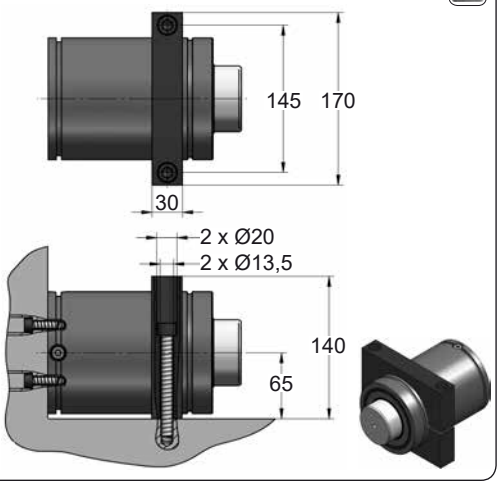
## D02-120

ISO E24.54.815.G EM24.54.700/F




## D67-120

VDI

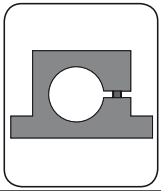


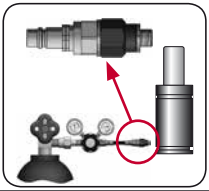










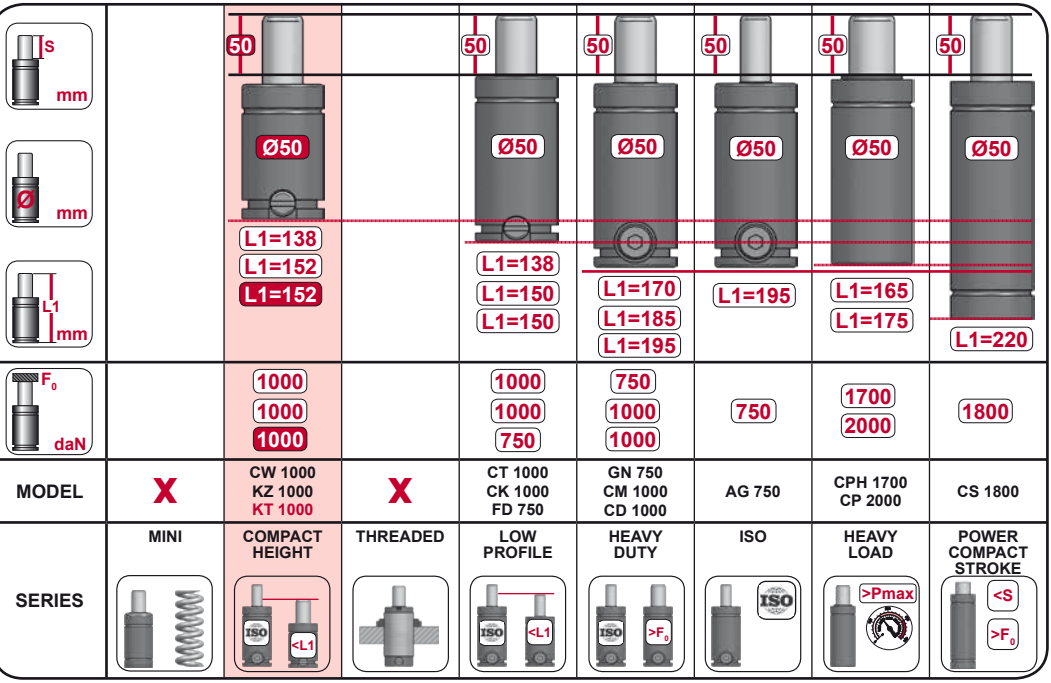


| CODE | | KZ 6600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# KT COMPACT HEIGHT LARGE

| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| KT 1000 | 1000 | Ø50 | 10 - 125 | 72 - 302 | 150 | G1/8" | ✔ | ✔ |
| KT 1500 | 1500 | Ø63 | 13 - 125 | 78 - 302 | 150 | G1/8" | ✔ | ✔ |
| KT 2400 | 2400 | Ø75 | 13 - 125 | 85 - 309 | 150 | G1/8" | ✔ | ✔ |
| KT 4200 | 4200 | Ø95 | 16 - 125 | 94 - 312 | 150 | G1/8" | ✔ | ✔ |
| KT 6600 | 6600 | Ø120 | 16 - 125 | 104 - 322 | 150 | G1/8" | ✔ | ✔ |
| KT 9500 | 9500 | Ø150 | 19 - 125 | 116 - 328 | 150 | G1/8" | ✔ | ✔ |

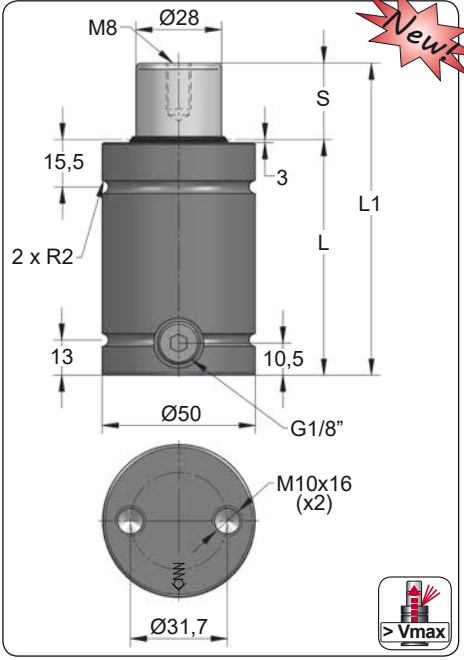


# KT 1000

*Compact Height*

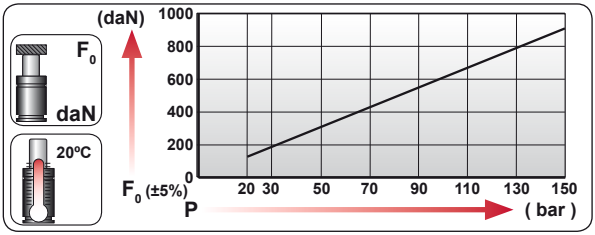
| | | | |
|---|---|---|---|
| | | PSA | E24.54.815.G |
| | | RENAULT | EM24.54.700 |
| | TOYOTA SMS DKH3221n | NISSAN | K32R0 |

AZOL GAS

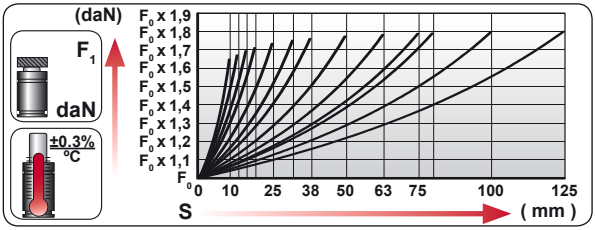



Newt

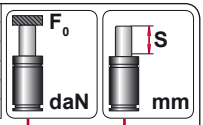
| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| KT 1000 010 | 10 | 72 | 62 | 0.71 |
| KT 1000 013 | 13 | 78 | 65 | 0.74 |
| KT 1000 016 | 16 | 84 | 68 | 0.76 |
| KT 1000 019 | 19 | 90 | 71 | 0.79 |
| KT 1000 025 | 25 | 102 | 77 | 0.84 |
| KT 1000 032 | 32 | 116 | 84 | 0.90 |
| KT 1000 038 | 38 | 128 | 90 | 0.95 |
| KT 1000 050 | 50 | 152 | 102 | 1.05 |
| KT 1000 063 | 63 | 178 | 115 | 1.16 |
| KT 1000 075 | 75 | 202 | 127 | 1.26 |
| KT 1000 080 | 80 | 212 | 132 | 1.30 |
| KT 1000 100 | 100 | 252 | 152 | 1.47 |
| KT 1000 125 | 125 | 302 | 177 | 1.68 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| KT 1000 050 | 150 | 2175 | 920 | 1495 |
| KT-H 1000 050 | 0 | 0 | --- | --- |

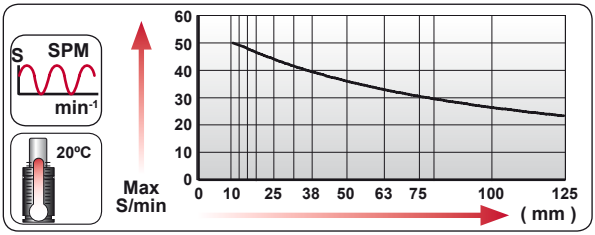


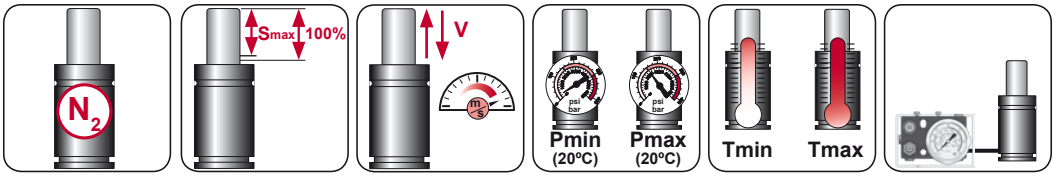

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




KT 1000 50

KT 1000 50



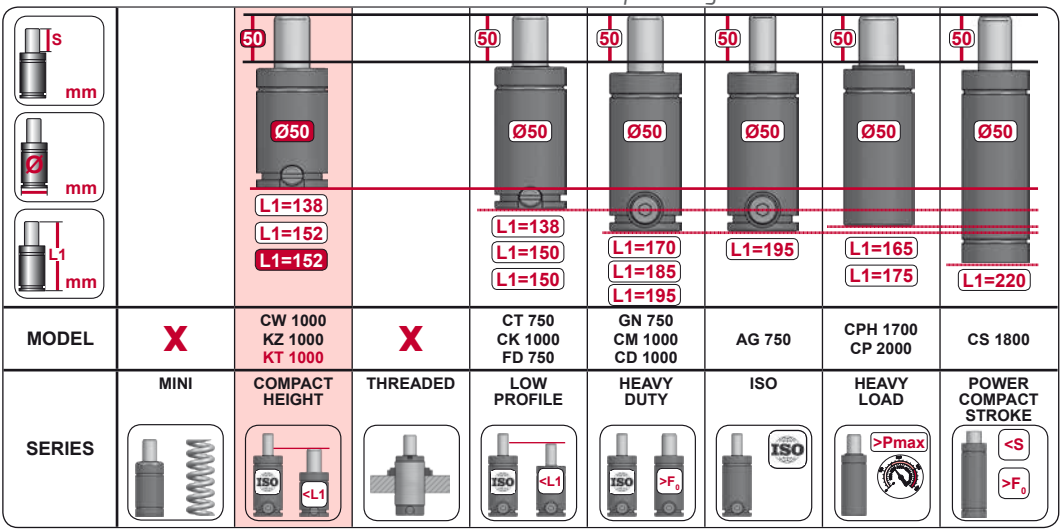




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# KT 1000 MOUNTS

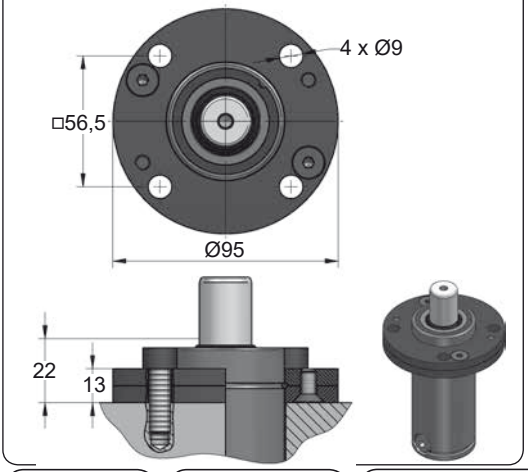
*Compact Height*




| MODEL | X | CW 1000<br>KZ 1000<br>KT 1000 | X | CT 750<br>CK 1000<br>FD 750 | GN 750<br>CM 1000<br>CD 1000 | AG 750 | CPH 1700<br>CP 2000 | CS 1800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

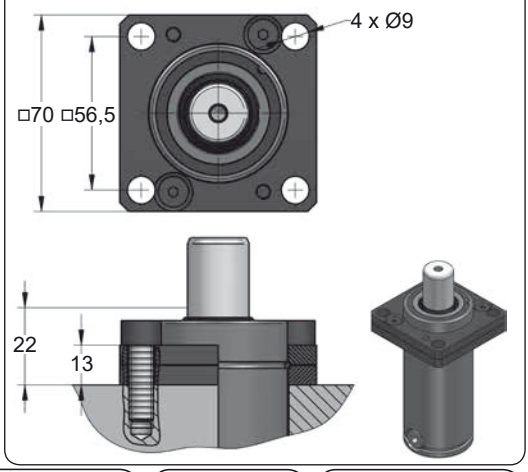
## A14-050

ISO · E24.54.815.G · EM24.54.700/F




## A34-050

ISO · VDI

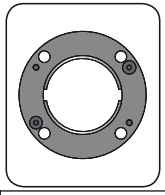


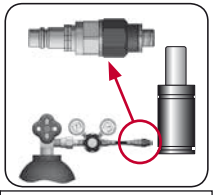












| CODE | | KT 1000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

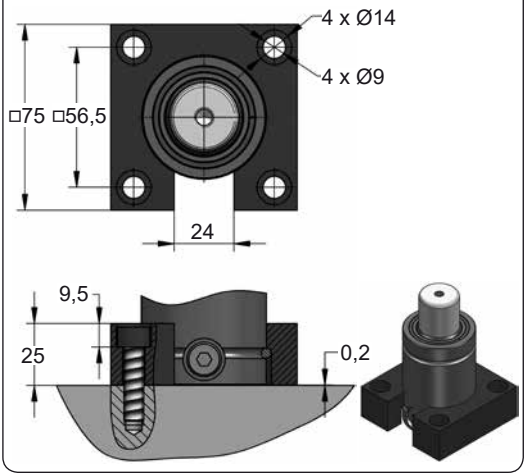
# KT 1000 MOUNTS

*Compact Height*

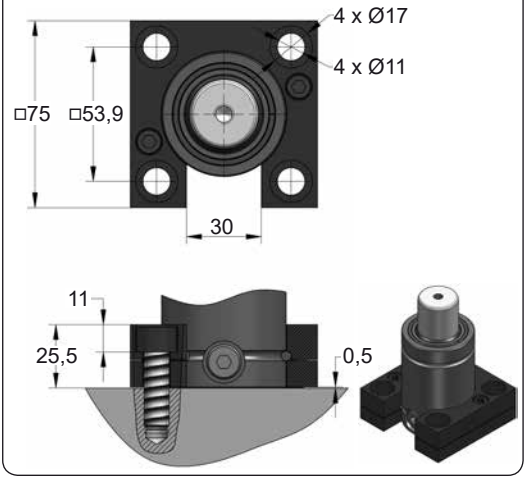
AZOL GAS

## AX9-050

E24.54.815.G




## AY4-050

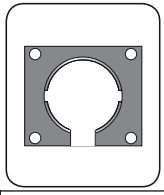


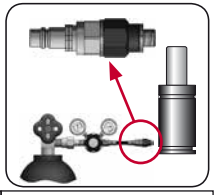












| CODE | | KT 1000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | AX9-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

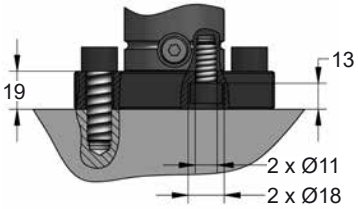
AZOL GAS

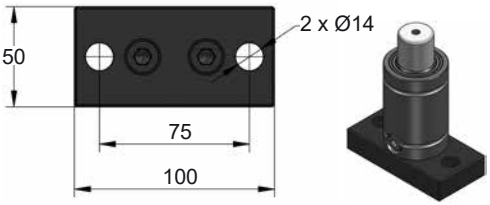
# KT 1000 MOUNTS

*Compact Height*

## B33-050

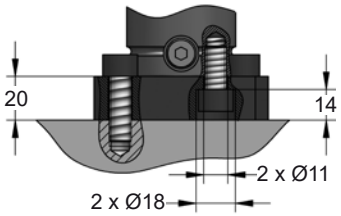
K32 D2
EM24.54.700/F

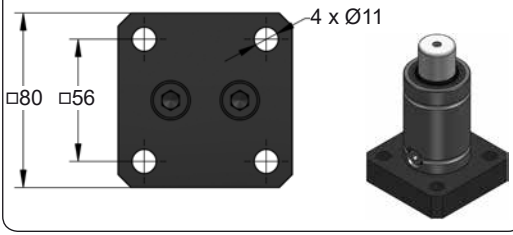



## B56-050

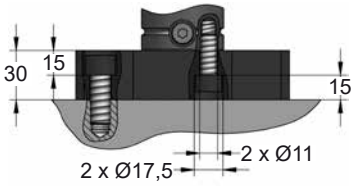
SMS DKH 3221n

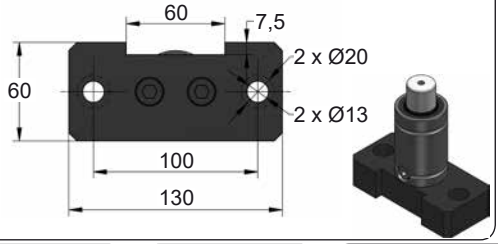



## B61-050

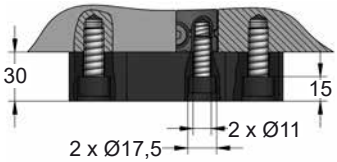
SMS DKH 3221n

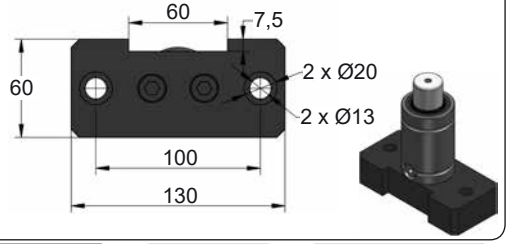



## B71-050

SMS DKH 3221n



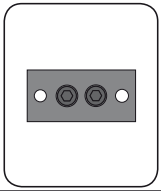



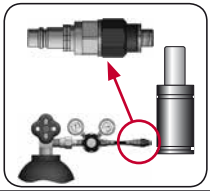












| CODE | | KT 1000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B33-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

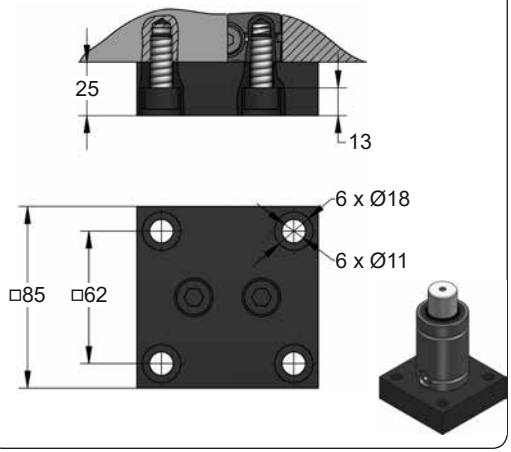
# KT 1000 MOUNTS

*Compact Height*

AZOL GAS

## B91-050

E24.54.815.G

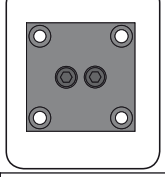


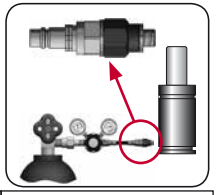












| CODE | | KT 1000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B91-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

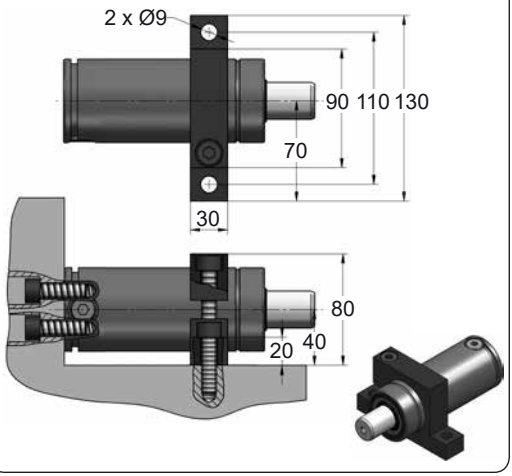
AZOL GAS

# KT 1000 MOUNTS

*Compact Height*

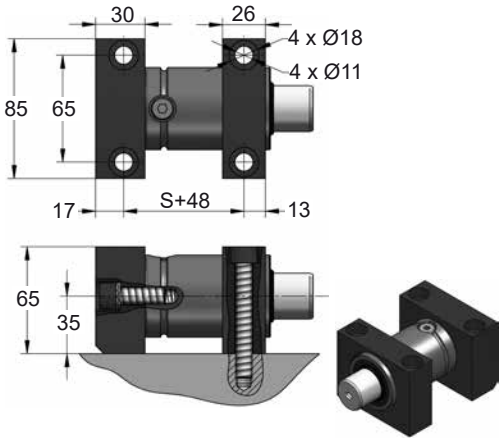
## D02-050

ISO E24.54.815.G EM24.54.700/F



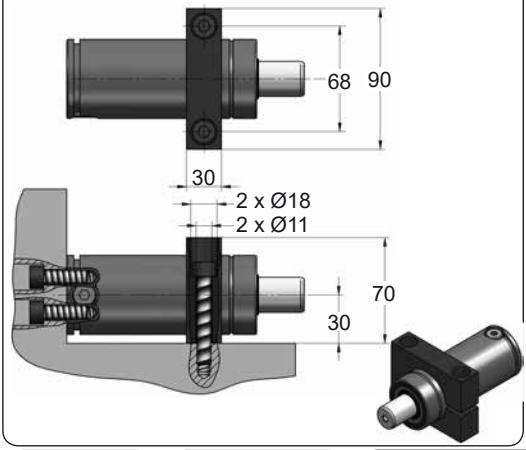

## D47-050

SMS DNH 3203n




## D67-050

VDI

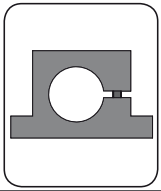


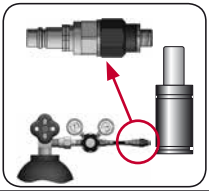










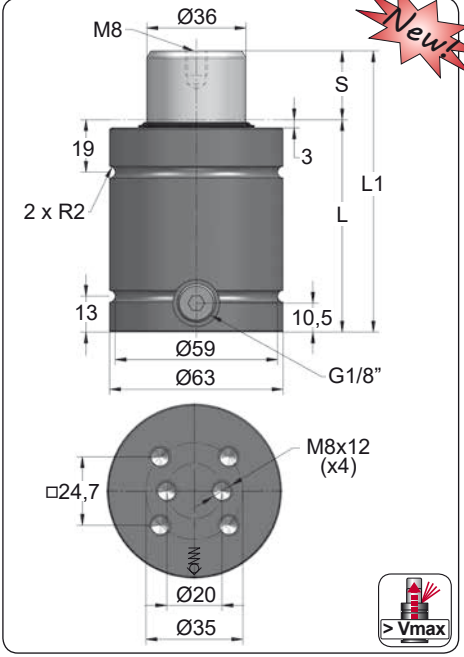


| CODE | | KT 1000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KT 1500

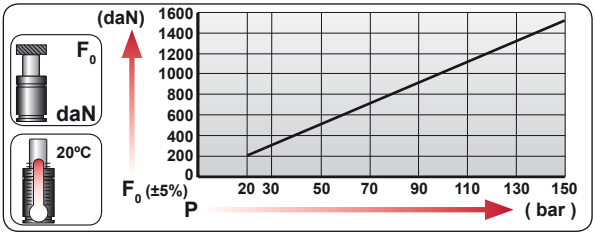
*Compact Height*

AZOL GAS

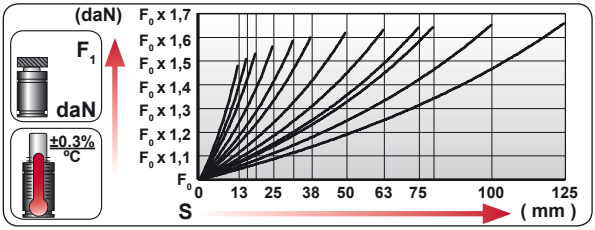



Newt

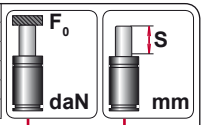
| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| KT 1500 013 | 13 | 78 | 65 | 1.17 |
| KT 1500 016 | 16 | 84 | 68 | 1.21 |
| KT 1500 019 | 19 | 90 | 71 | 1.25 |
| KT 1500 025 | 25 | 102 | 77 | 1.32 |
| KT 1500 032 | 32 | 116 | 84 | 1.41 |
| KT 1500 038 | 38 | 128 | 90 | 1.49 |
| KT 1500 050 | 50 | 152 | 102 | 1.64 |
| KT 1500 063 | 63 | 178 | 115 | 1.81 |
| KT 1500 075 | 75 | 202 | 127 | 1.97 |
| KT 1500 080 | 80 | 212 | 132 | 2.03 |
| KT 1500 100 | 100 | 252 | 152 | 2.29 |
| KT 1500 125 | 125 | 302 | 177 | 2.61 |



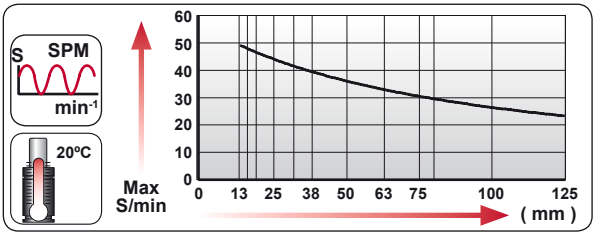

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| KT 1500 050 | 150 | 2175 | 1530 | 2475 |
| KT-H 1500 050 | 0 | 0 | --- | --- |

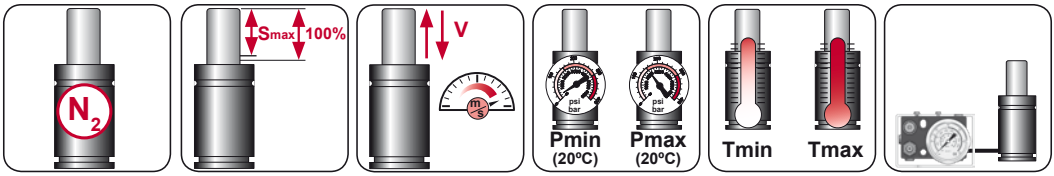



| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




KT 1500 50



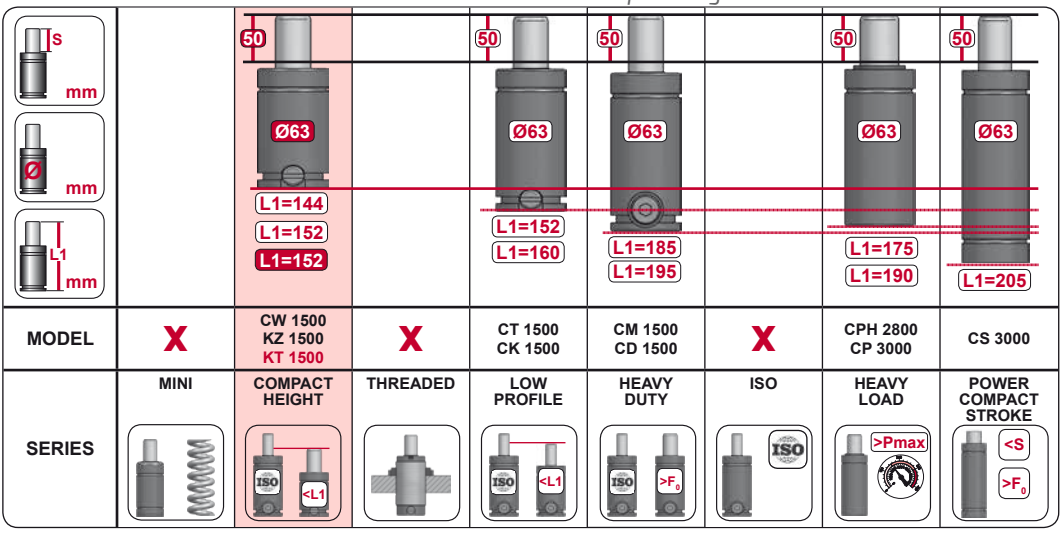




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

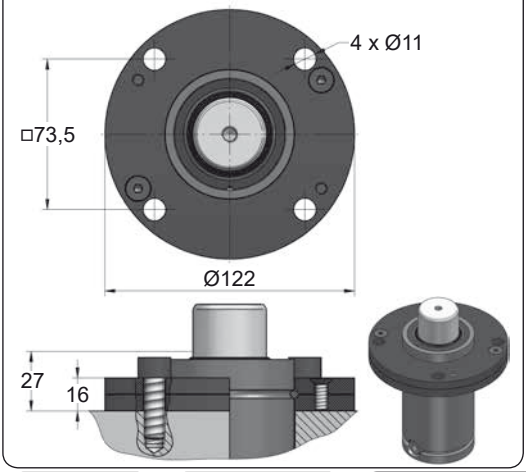
# KT 1500 MOUNTS

*Compact Height*

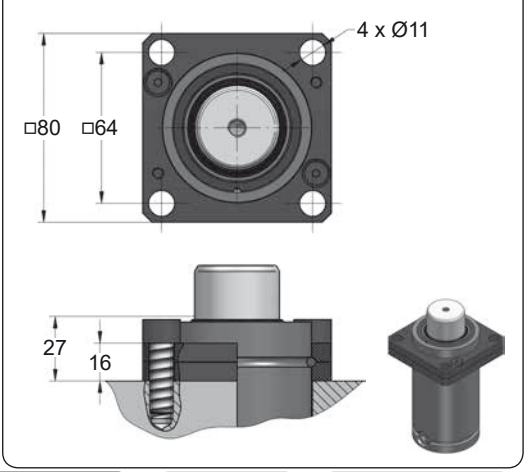



| MODEL | X | CW 1500<br>KZ 1500<br>KT 1500 | X | CT 1500<br>CK 1500 | CM 1500<br>CD 1500 | X | CPH 2800<br>CP 3000 | CS 3000 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-063




## A69-063

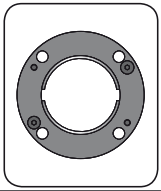


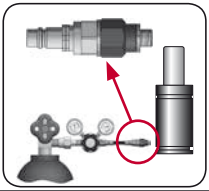












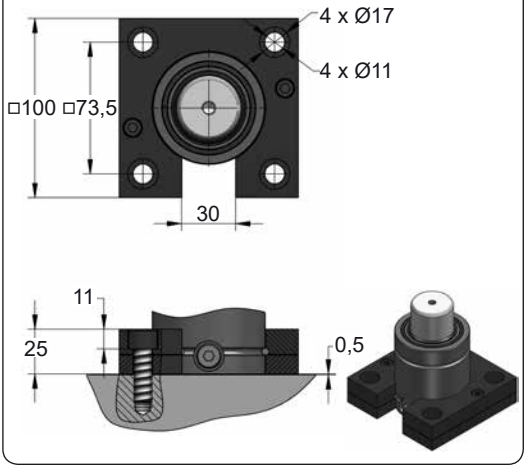
| CODE | | KT 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KT 1500 MOUNTS

*Compact Height*

AZOL GAS

## AY4-063

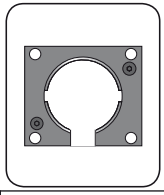


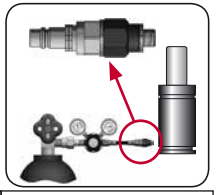












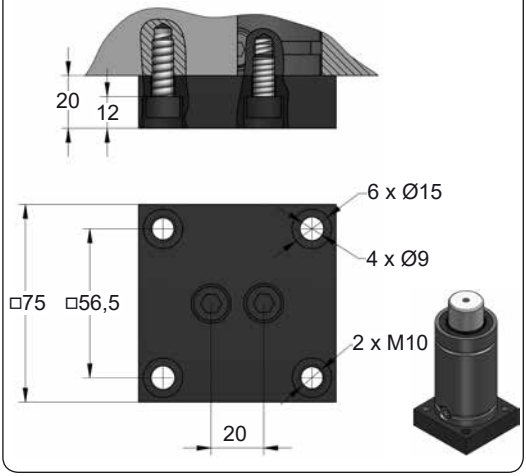
| CODE | | KT 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | AY4-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

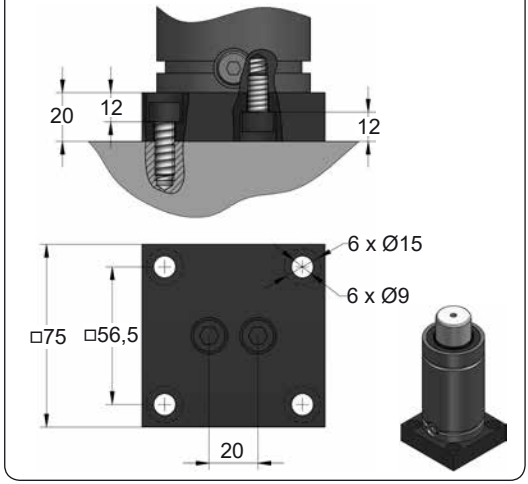
# KT 1500 MOUNTS

*Compact Height*

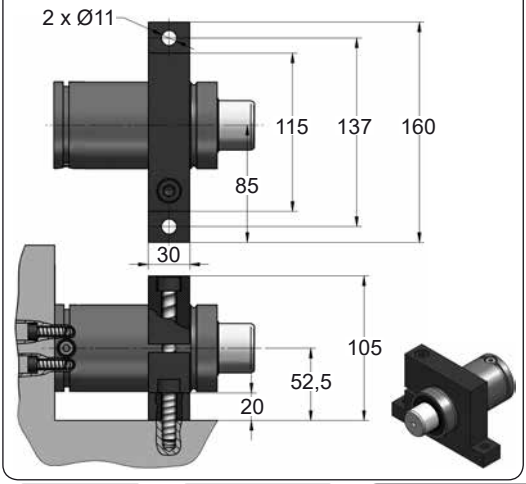
## B36-063




## B41-063

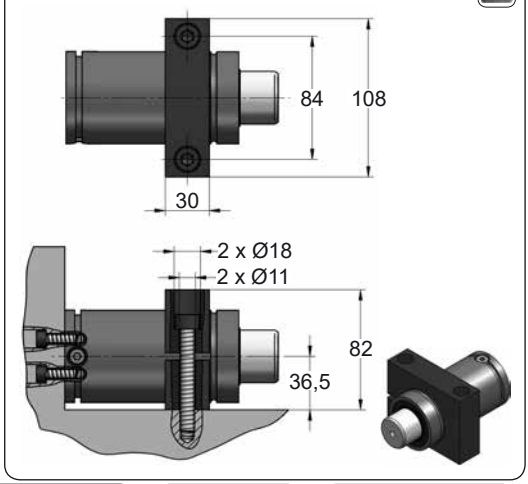



## D02-063




## D67-063

VDI

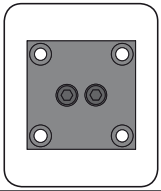


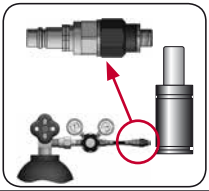












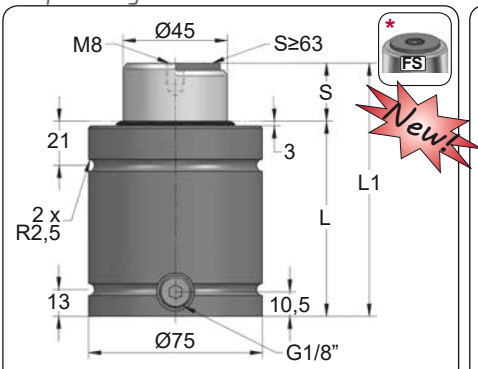
| CODE | | KT 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B36-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

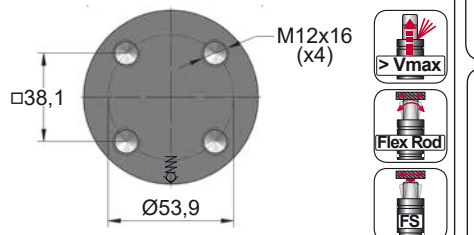
# KT 2400

*Compact Height*

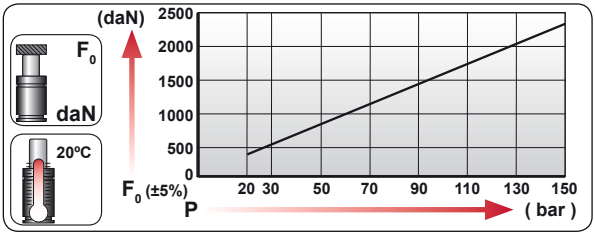
| | | | |
|---|---|---|---|
| | | PSA | E24.54.815.G |
| | | RENAULT | EM24.54.700 |
| | TOYOTA SMS DKH3221n | NISSAN | K32R0 |

AZOL GAS

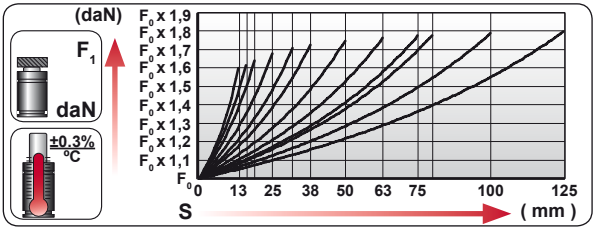


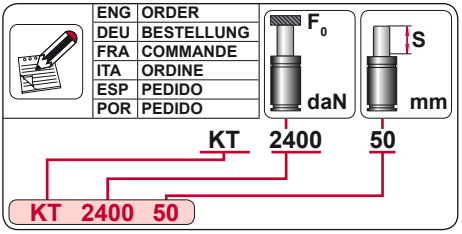

| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| KT 2400 013 | 13 | 85 | 72 | 1.84 |
| KT 2400 016 | 16 | 91 | 75 | 1.89 |
| KT 2400 019 | 19 | 97 | 78 | 1.94 |
| KT 2400 025 | 25 | 109 | 84 | 2.04 |
| KT 2400 032 | 32 | 123 | 91 | 2.16 |
| KT 2400 038 | 38 | 135 | 97 | 2.26 |
| KT 2400 050 | 50 | 159 | 109 | 2.47 |
| KT 2400 063 * | 63 | 185 | 122 | 2.69 |
| KT 2400 075 * | 75 | 209 | 134 | 2.90 |
| KT 2400 080 * | 80 | 219 | 139 | 2.98 |
| KT 2400 100 * | 100 | 259 | 159 | 3.33 |
| KT 2400 125 * | 125 | 309 | 184 | 3.75 |

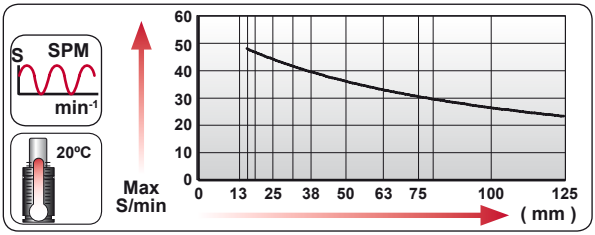


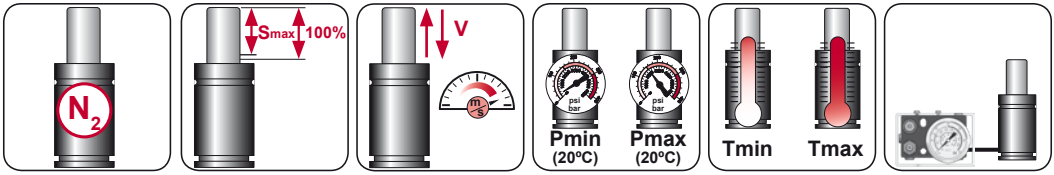

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| KT 2400 050 | 150 | 2175 | 2385 | 3890 |
| KT-H 2400 050 | 0 | 0 | --- | --- |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



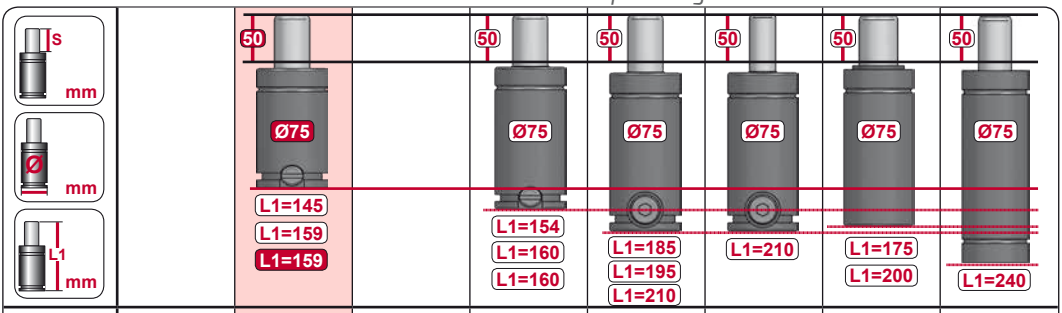




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# KT 2400 MOUNTS

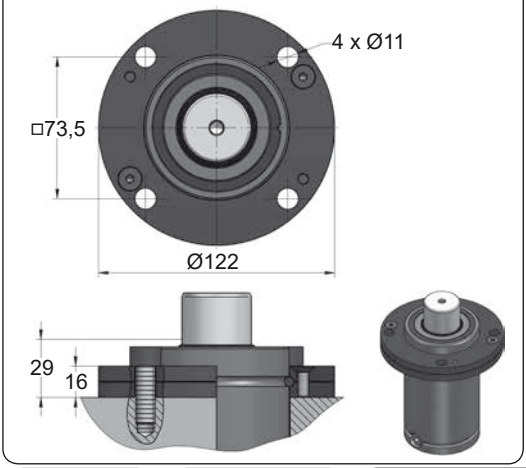
*Compact Height*




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **MODEL** | X | CW 2400<br>KZ 2400<br>KT 2400 | X | CT 2500<br>CK 2500<br>FD 1500 | GN 1500<br>CM 2500<br>CD 2400 | AG 1500 | CPH 4300<br>CP 5000 | CS 4700 |
| **SERIES** | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

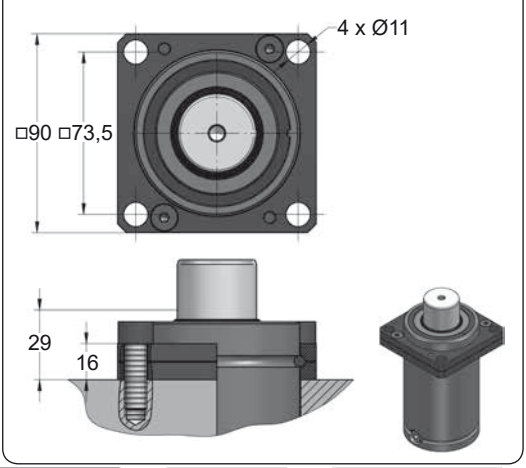
## A14-075

ISO E24.54.815.G EM24.54.700/F




## A34-075

ISO VDI

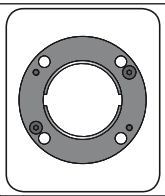


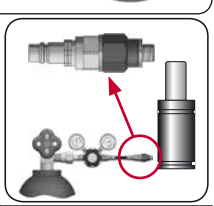












| CODE | | KT 2400 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

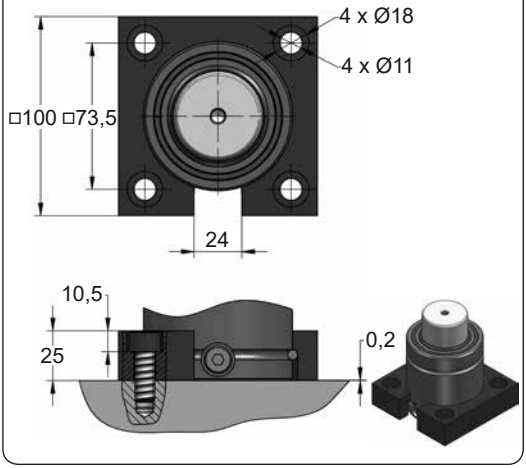
# KT 2400 MOUNTS

*Compact Height*

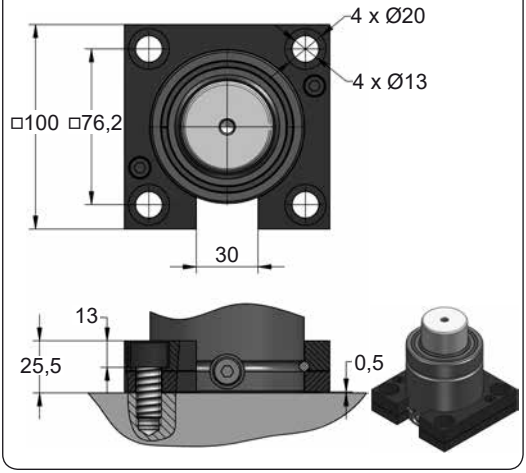
AZOL GAS

## AX9-075

E24.54.815.G

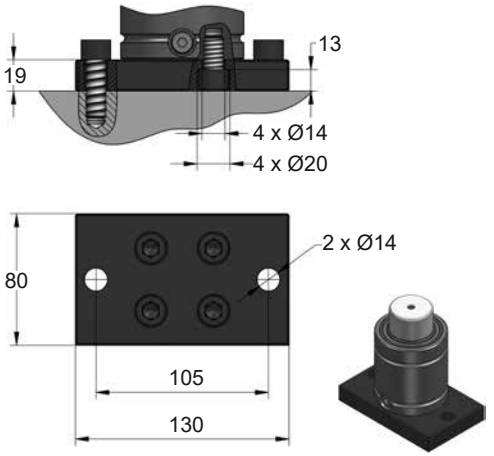



## AY4-075




## B33-075

K32 D2
EM24.54.700/F

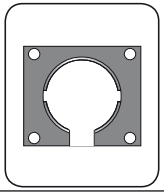


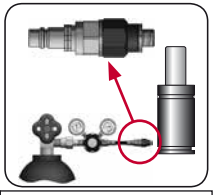












| CODE | | KT 2400 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | AX9-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

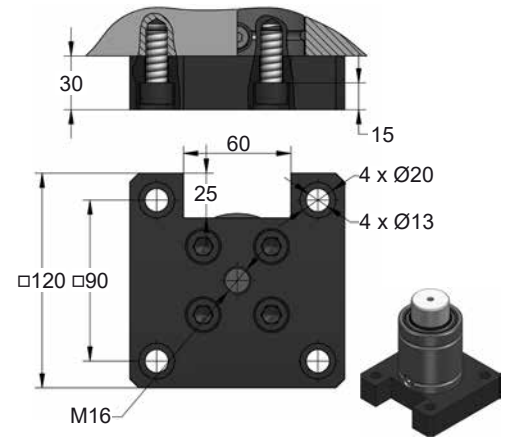
AZOL GAS

# KT 2400 MOUNTS

*Compact Height*

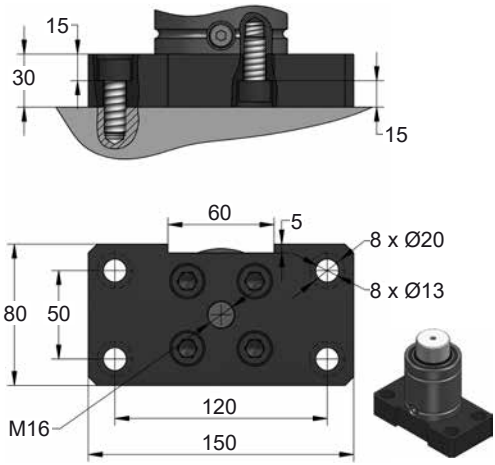
## B56-075

SMS DKH 3221n



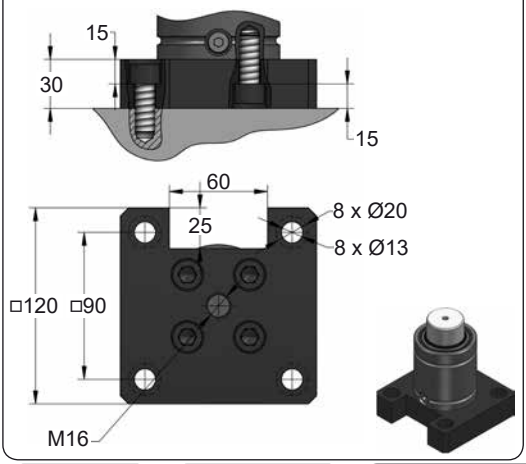

## B61-075

SMS DKH 3221n



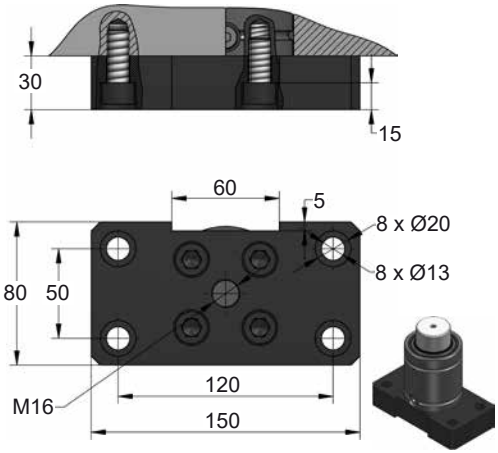

## B66-075

SMS DKH 3221n




## B71-075

SMS DKH 3221n

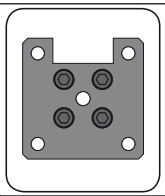


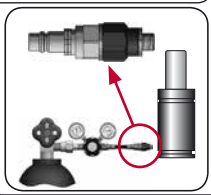












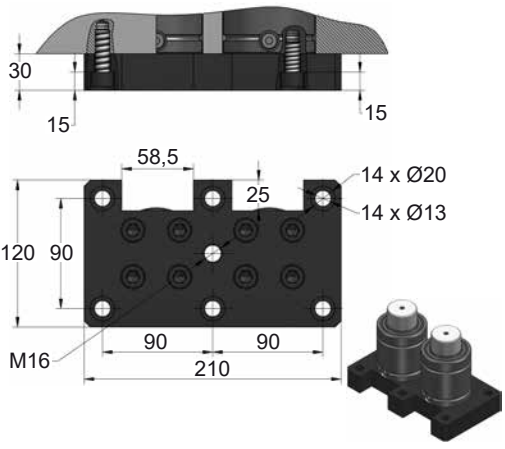
| CODE | | KT 2400 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B56-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KT 2400 MOUNTS

*Compact Height*

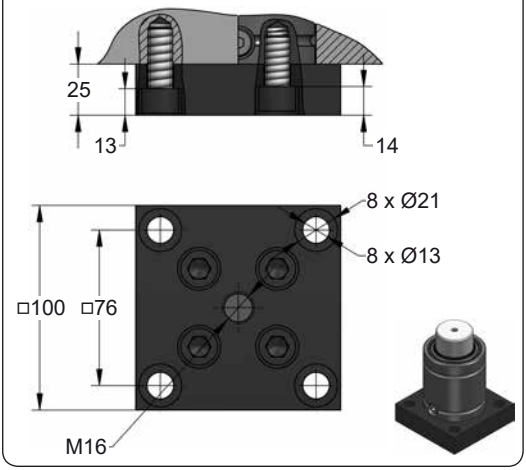
AZOL GAS

## B88-075

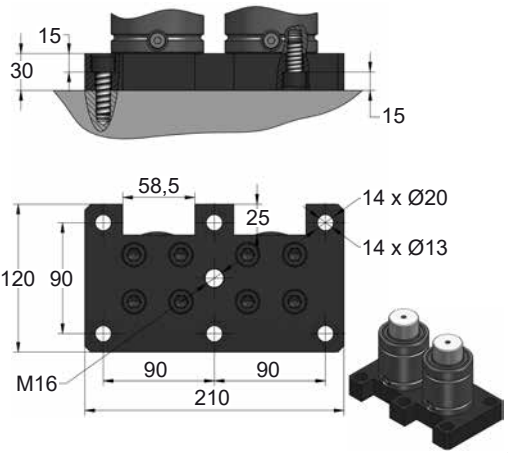



## B91-075

E24.54.815.G




## B93-075

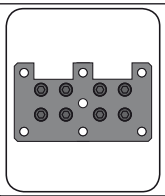


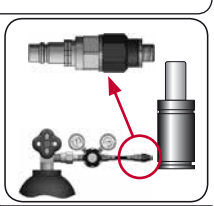












| CODE | | KT 2400 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B88-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

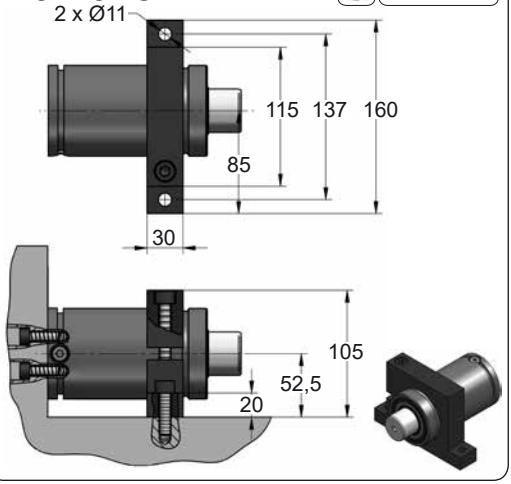
AZOL GAS

# KT 2400 MOUNTS

*Compact Height*

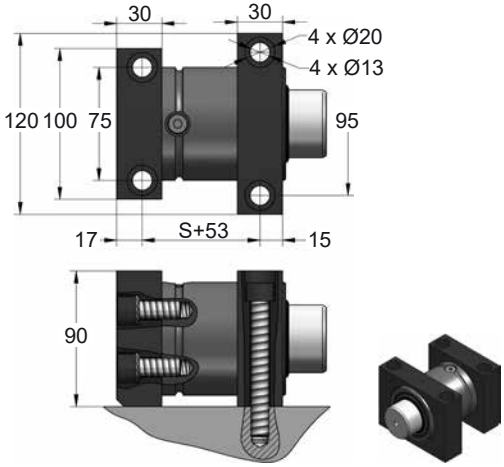
## D02-075

ISO E24.54.815.G EM24.54.700/F



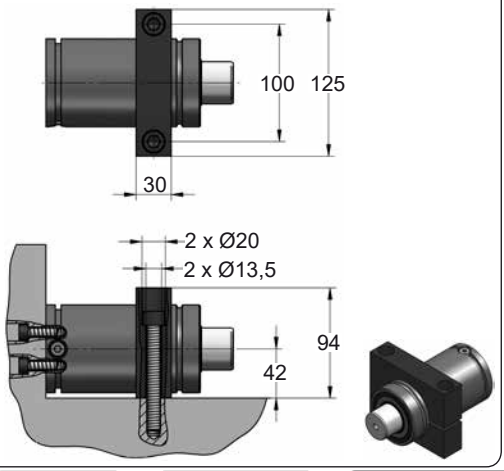

## D47-075

SMS DNH 3203n




## D67-075

VDI

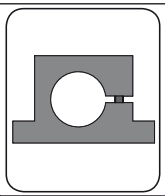


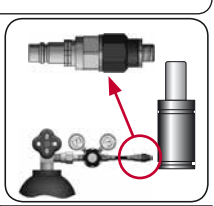












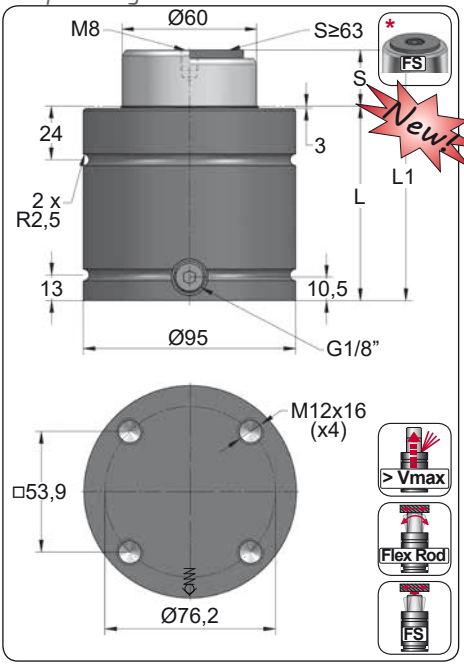
| CODE | | KT 2400 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KT 4200

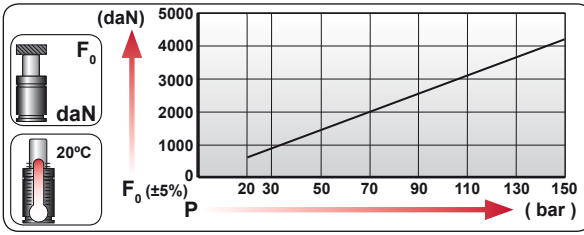
*Compact Height*

| | | | |
|---|---|---|---|
| | | PSA | E24.54.815.G |
| | | RENAULT | EM24.54.700 |
| | TOYOTA SMS DKH3221n | NISSAN | K32R0 |

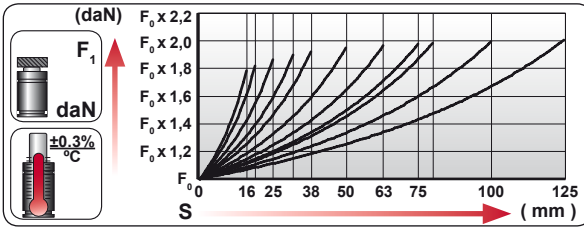
AZOL GAS




| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| KT 4200 016 | 16 | 94 | 78 | 3.19 |
| KT 4200 019 | 19 | 100 | 81 | 3.27 |
| KT 4200 025 | 25 | 112 | 87 | 3.44 |
| KT 4200 032 | 32 | 126 | 94 | 3.64 |
| KT 4200 038 | 38 | 138 | 100 | 3.81 |
| KT 4200 050 | 50 | 162 | 112 | 4.16 |
| KT 4200 063 * | 63 | 188 | 125 | 4.53 |
| KT 4200 075 * | 75 | 212 | 137 | 4.87 |
| KT 4200 080 * | 80 | 222 | 142 | 5.01 |
| KT 4200 100 * | 100 | 262 | 162 | 5.58 |
| KT 4200 125 * | 125 | 312 | 187 | 6.29 |




| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| KT 4200 050 | 150 | 2175 | 4240 | 7200 |
| KT-H 4200 050 | 0 | 0 | --- | --- |

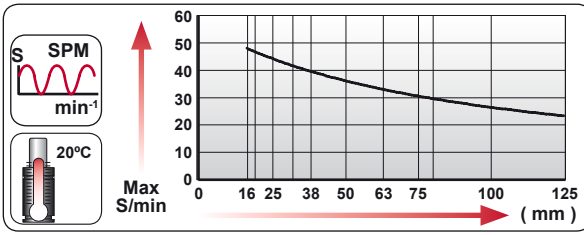


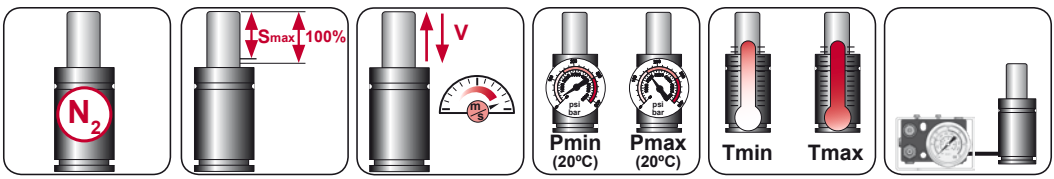

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN — S mm

KT 4200 50

KT 4200 50



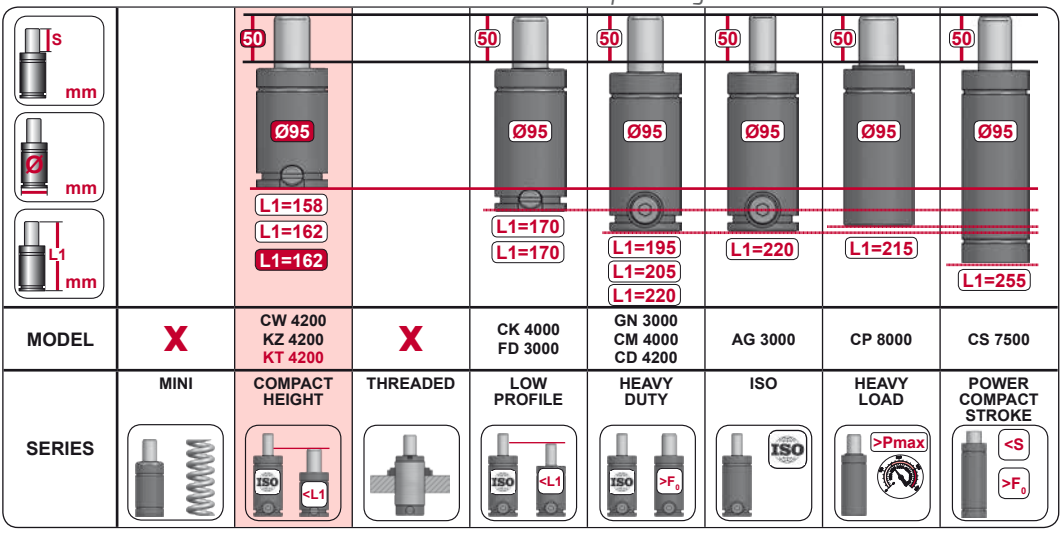




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# KT 4200 MOUNTS

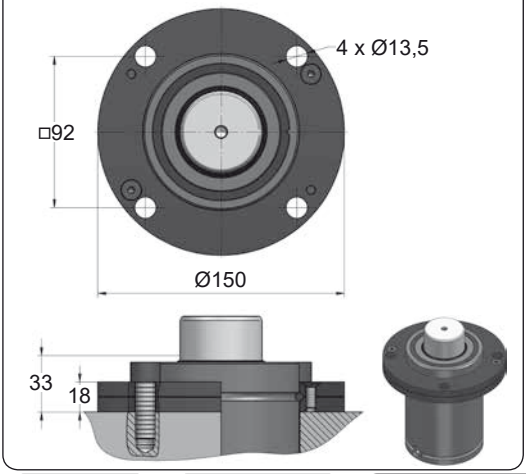
*Compact Height*



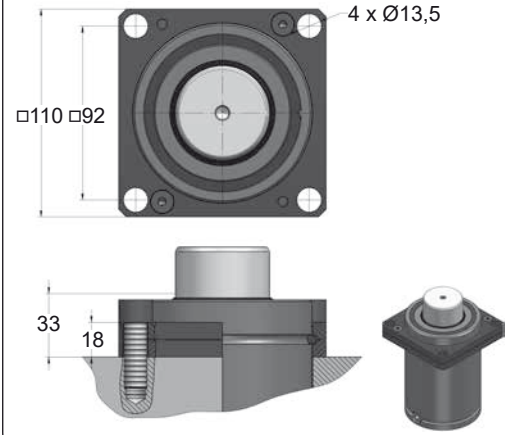

| MODEL | X | CW 4200<br>KZ 4200<br>KT 4200 | X | CK 4000<br>FD 3000 | GN 3000<br>CM 4000<br>CD 4200 | AG 3000 | CP 8000 | CS 7500 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-095

E24.54.815.G
EM24.54.700/F




## A34-095

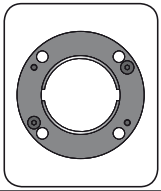


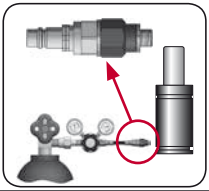












| CODE | | KT 4200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

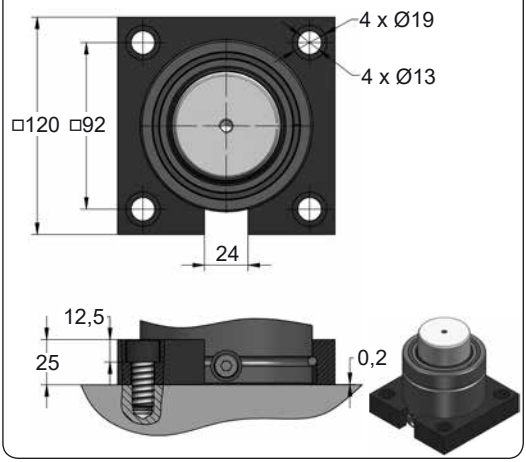
# KT 4200 MOUNTS

*Compact Height*

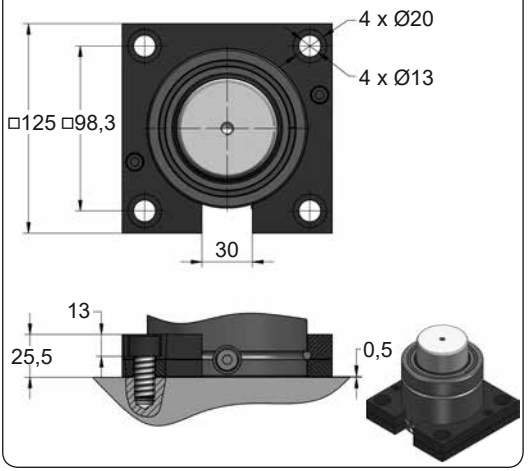
AZOL GAS

## AX9-095

E24.54.815.G

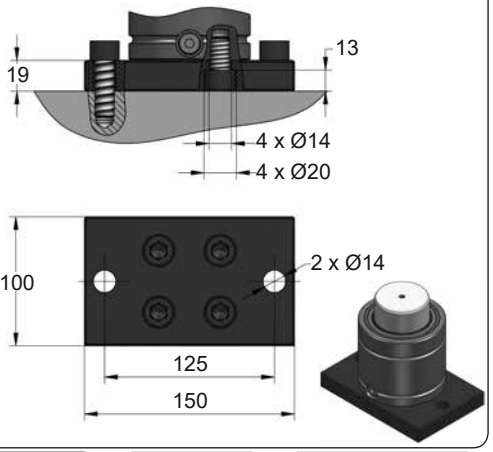



## AY4-095




## B33-095

K32 D2
EM24.54.700/F

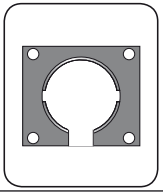


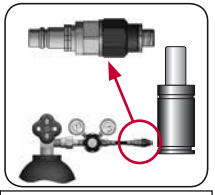












| CODE | | KT 4200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | AX9-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

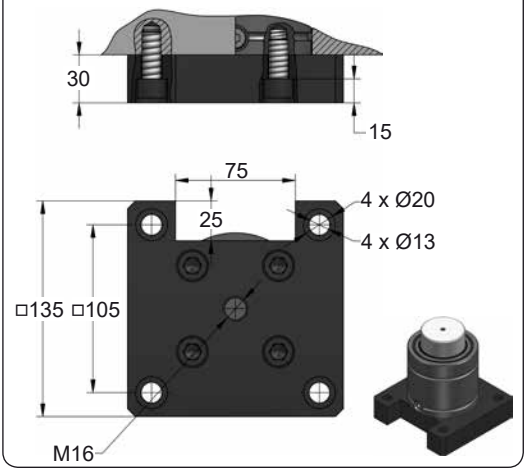
AZOL GAS

# KT 4200 MOUNTS

*Compact Height*

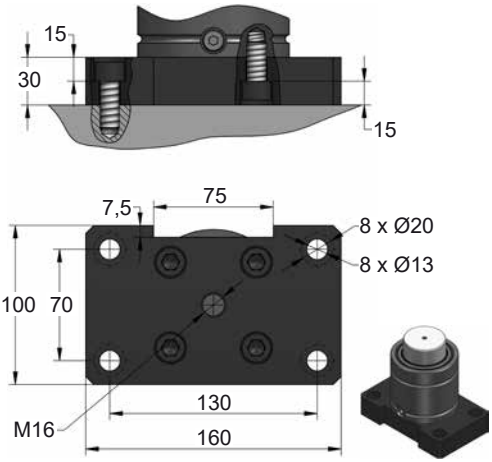
## B56-095

SMS DKH 3221n



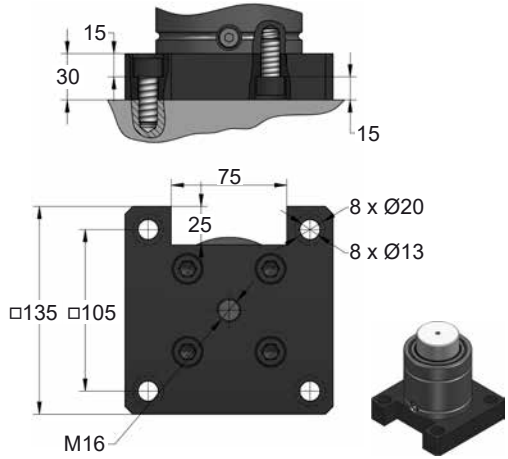

## B61-095

SMS DKH 3221n



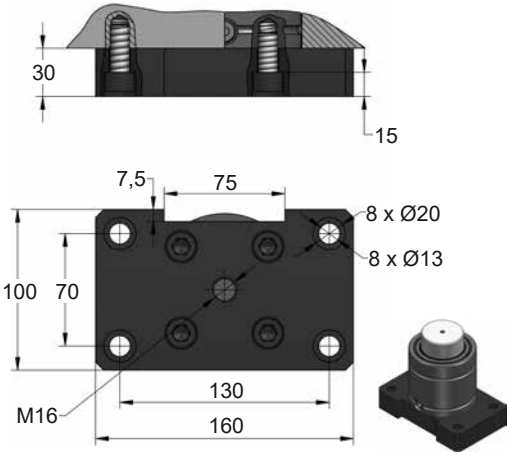

## B66-095

SMS DKH 3221n




## B71-095

SMS DKH 3221n

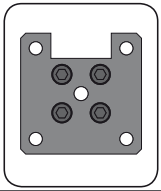


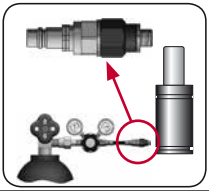












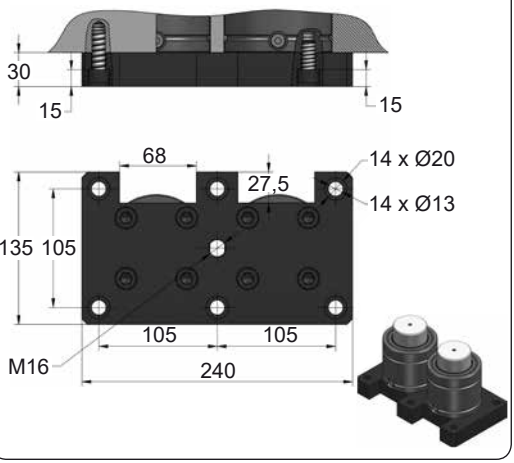
| CODE | | KT 4200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B56-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KT 4200 MOUNTS

*Compact Height*

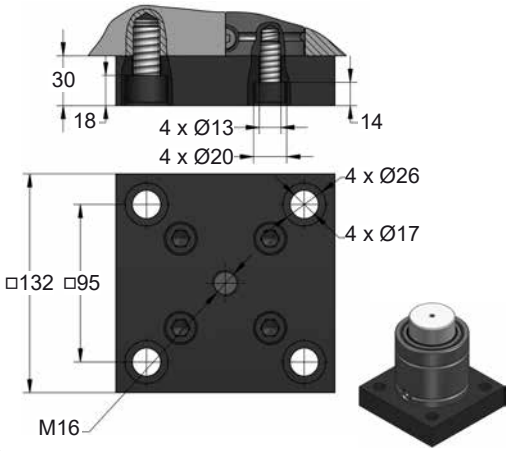
AZOL GAS

## B88-095

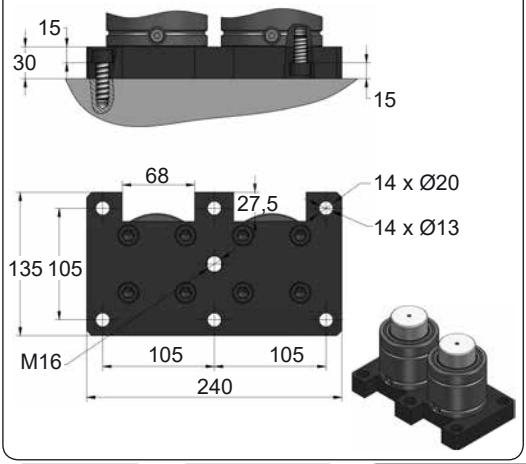



## B91-095

E24.54.815.G




## B93-095

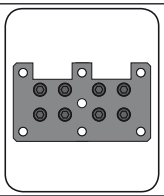


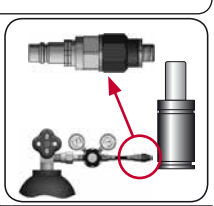












| CODE | | KT 4200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B88-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

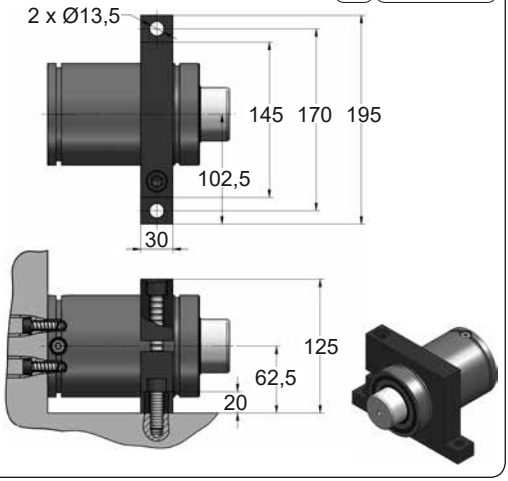
AZOL GAS

# KT 4200 MOUNTS

*Compact Height*

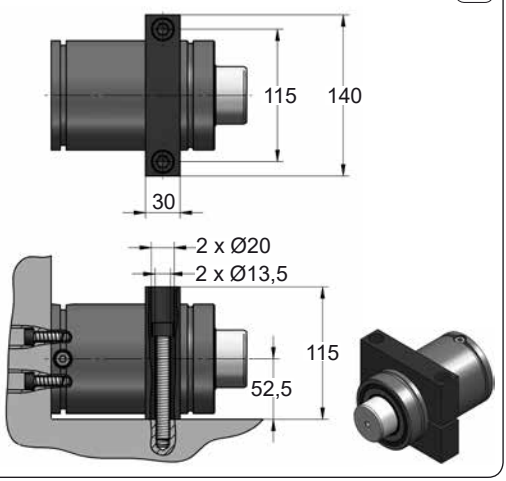
## D02-095

ISO E24.54.815.G EM24.54.700/F

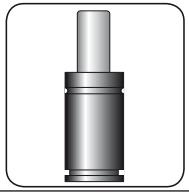



## D67-095

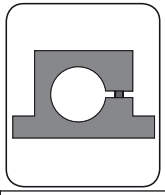
VDI

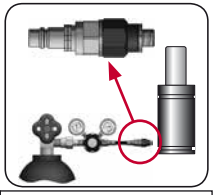








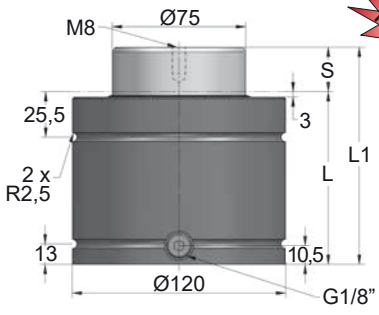
| CODE | | KT 4200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

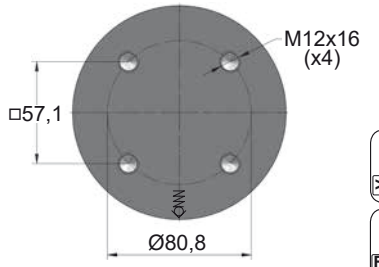
# KT 6600

*Compact Height*

| | | |
|---|---|---|
| | | RENAULT EM24.54.700 |
| | TOYOTA SMS DKH3221n | NISSAN K32R0 |

AZOL GAS



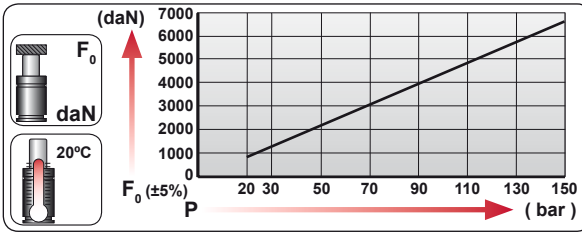

Newt

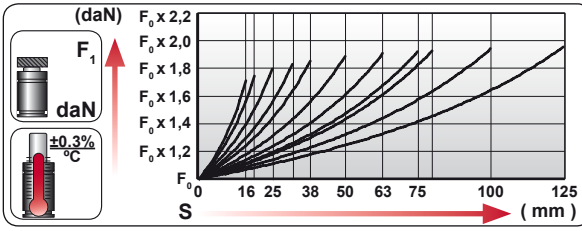
| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| KT 6600 016 | 16 | 104 | 88 | 5.89 |
| KT 6600 019 | 19 | 110 | 91 | 6.03 |
| KT 6600 025 | 25 | 122 | 97 | 6.31 |
| KT 6600 032 | 32 | 136 | 104 | 6.63 |
| KT 6600 038 | 38 | 148 | 110 | 6.91 |
| KT 6600 050 | 50 | 172 | 122 | 7.47 |
| KT 6600 063 | 63 | 198 | 135 | 8.07 |
| KT 6600 075 | 75 | 222 | 147 | 8.63 |
| KT 6600 080 | 80 | 232 | 152 | 8.86 |
| KT 6600 100 | 100 | 272 | 172 | 9.79 |
| KT 6600 125 | 125 | 322 | 197 | 10.95 |

PED 2014/68/EC

> Vmax

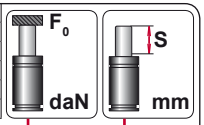
Flex Rod



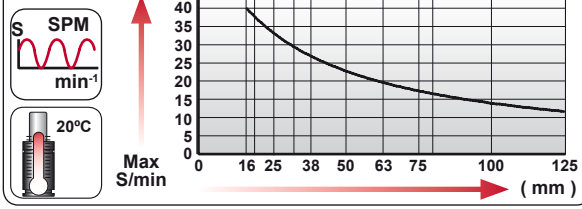

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| KT 6600 050 | 150 | 2175 | 6630 | 10990 |
| KT-H 6600 050 | 0 | 0 | --- | --- |

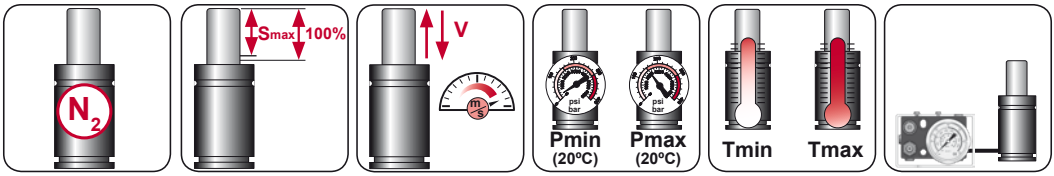
| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




KT 6600 50

KT 6600 50



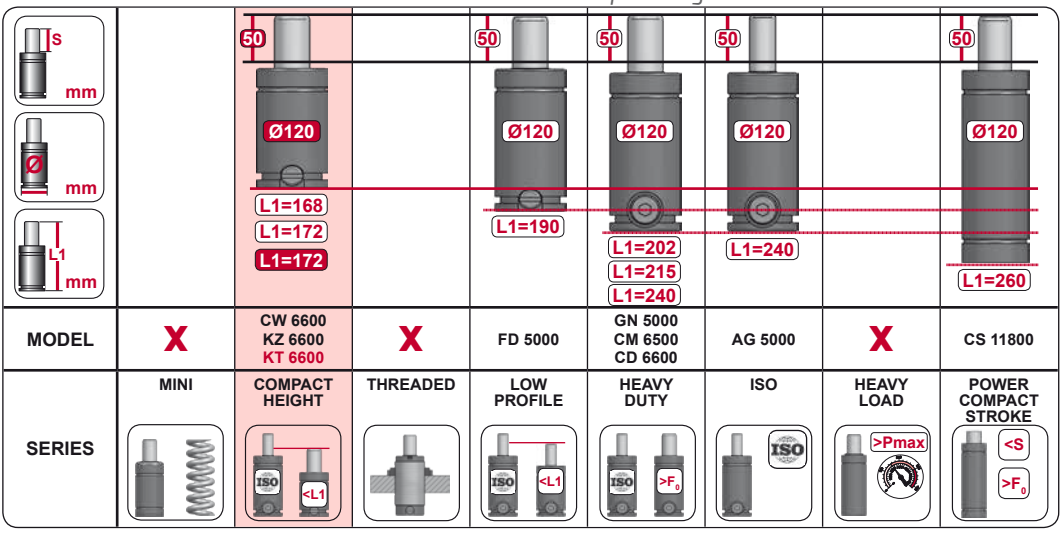




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# KT 6600 MOUNTS

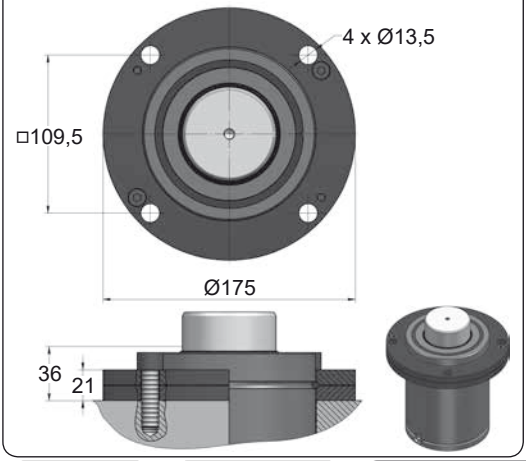
*Compact Height*




| MODEL | X | CW 6600<br>KZ 6600<br>KT 6600 | X | FD 5000 | GN 5000<br>CM 6500<br>CD 6600 | AG 5000 | X | CS 11800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

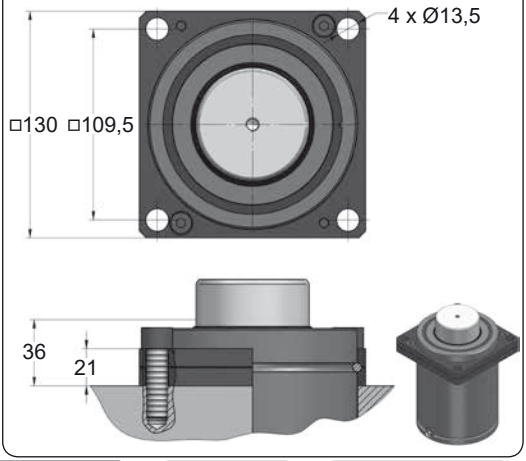
## A14-120

ISO E24.54.815.G EM24.54.700/F




## A34-120

ISO VDI

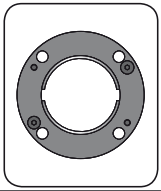


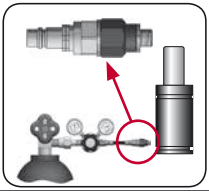












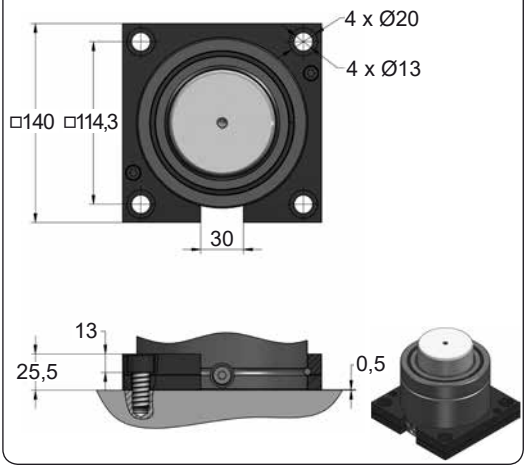
| CODE | | KT 6600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KT 6600 MOUNTS

*Compact Height*

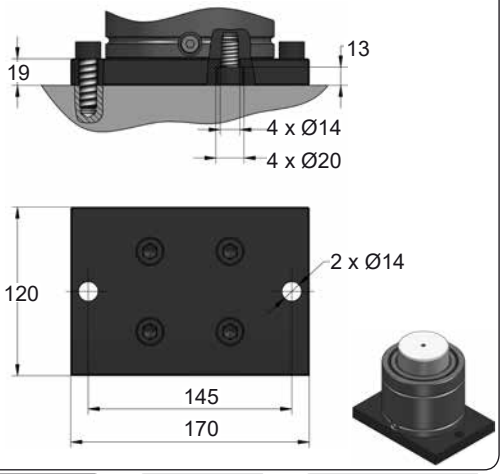
AZOL GAS

## AY4-120




## B33-120

K32 D2
EM24.54.700/F

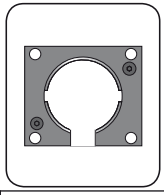


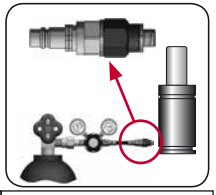












| CODE | | KT 6600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | AY4-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

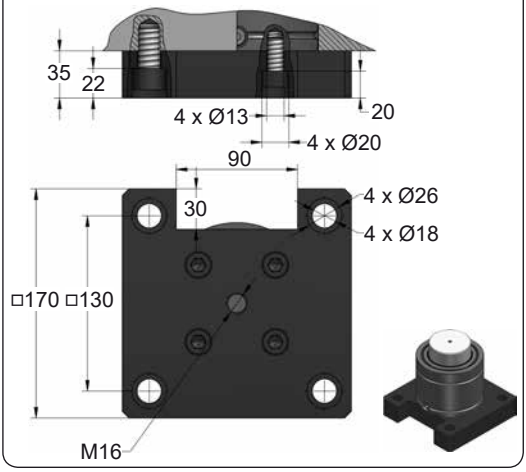
AZOL GAS

# KT 6600 MOUNTS

*Compact Height*

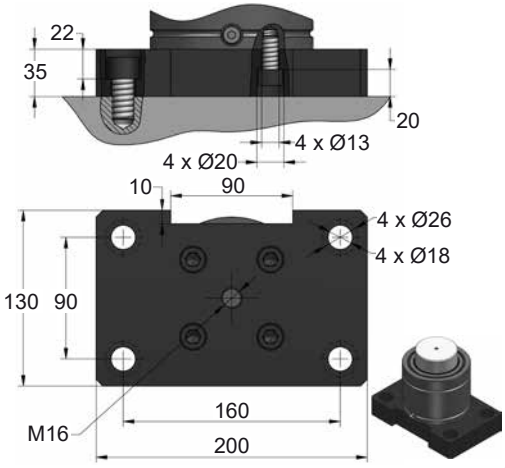
## B56-120

SMS DKH 3221n



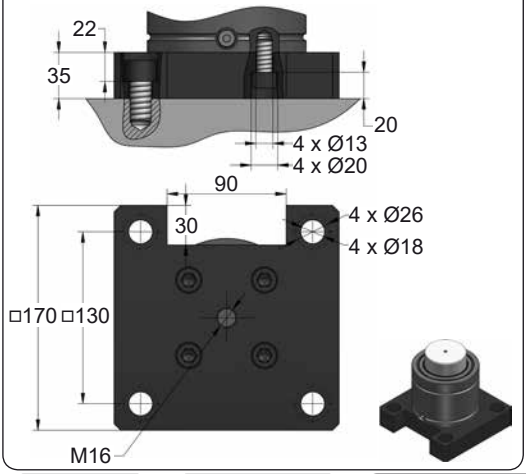

## B61-120

SMS DKH 3221n



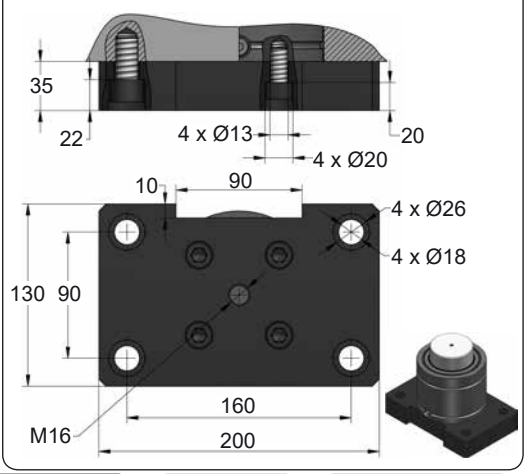

## B66-120

SMS DKH 3221n




## B71-120

SMS DKH 3221n

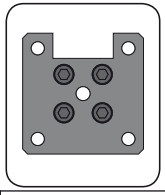


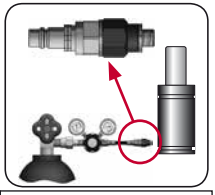












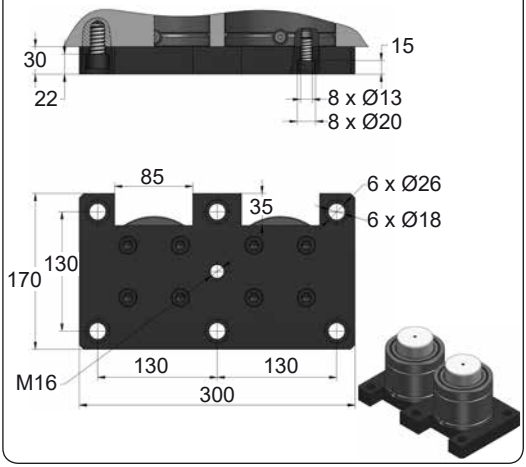
| CODE | | KT 6600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B56-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KT 6600 MOUNTS

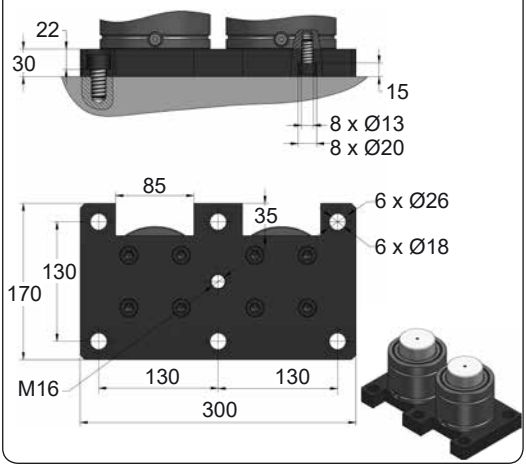
*Compact Height*

AZOL GAS

## B88-120




## B93-120

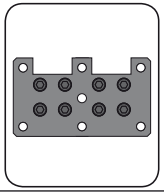


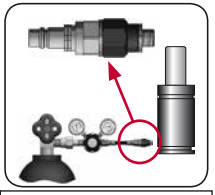












| CODE | | KT 6600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B88-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

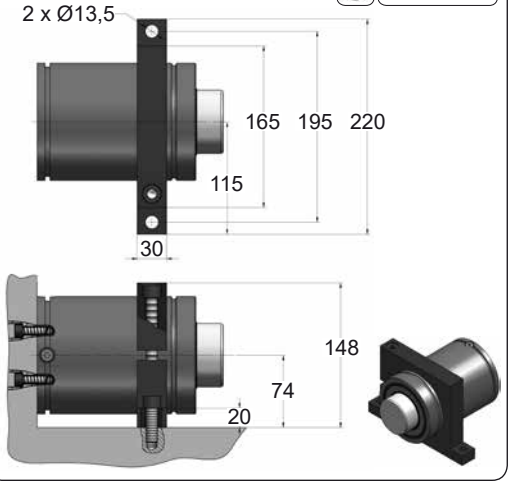
AZOL GAS

# KT 6600 MOUNTS

*Compact Height*

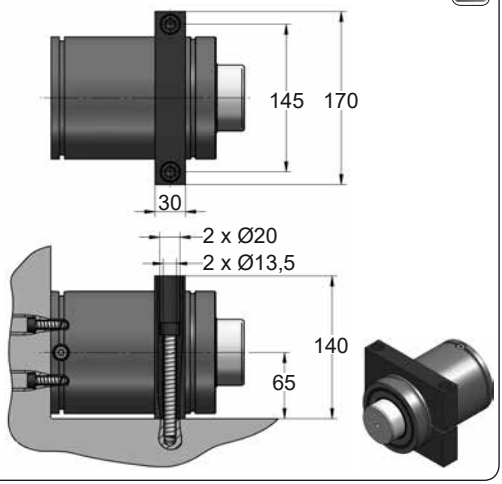
## D02-120

ISO E24.54.815.G EM24.54.700/F

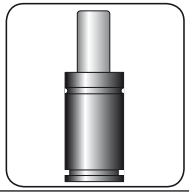



## D67-120

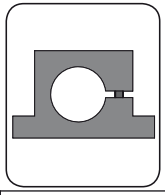
VDI

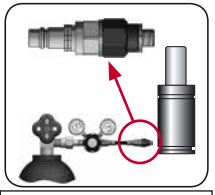








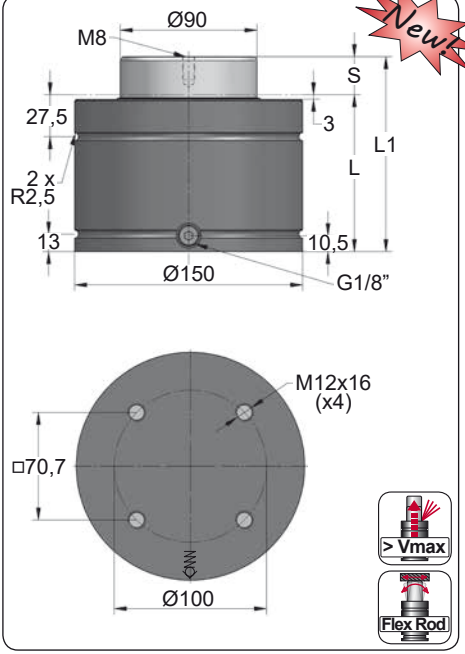
| CODE | | KT 6600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KT 9500

*Compact Height*

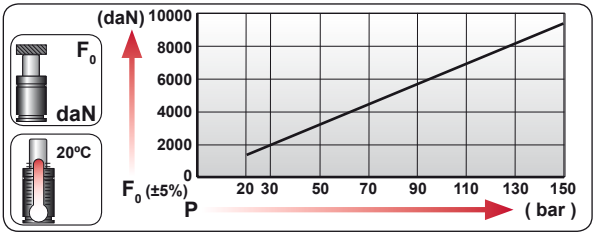
| | | |
|---|---|---|
| | | |
| | | |
| | TOYOTA SMS DKH3221n | |

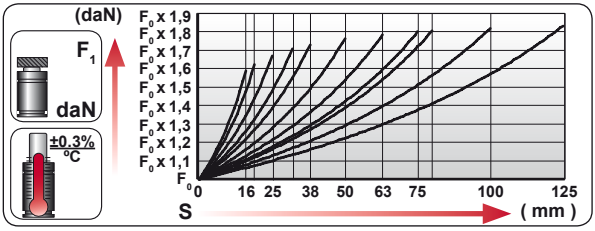
AZOL GAS




New!

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| KT 9500 019 | 19 | 116 | 97 | 11.11 |
| KT 9500 025 | 25 | 128 | 103 | 11.60 |
| KT 9500 032 | 32 | 142 | 110 | 12.18 |
| KT 9500 038 | 38 | 154 | 116 | 12.67 |
| KT 9500 050 | 50 | 178 | 128 | 13.66 |
| KT 9500 063 | 63 | 204 | 141 | 14.73 |
| KT 9500 075 | 75 | 228 | 153 | 15.72 |
| KT 9500 080 | 80 | 238 | 158 | 16.14 |
| KT 9500 100 | 100 | 278 | 178 | 17.78 |
| KT 9500 125 | 125 | 328 | 203 | 19.85 |



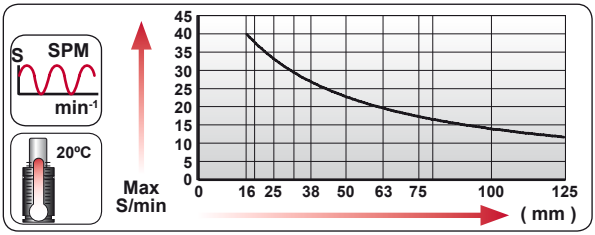

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| KT 9500 050 | 150 | 2175 | 9540 | 16821 |
| KT-H 9500 050 | 0 | 0 | --- | --- |

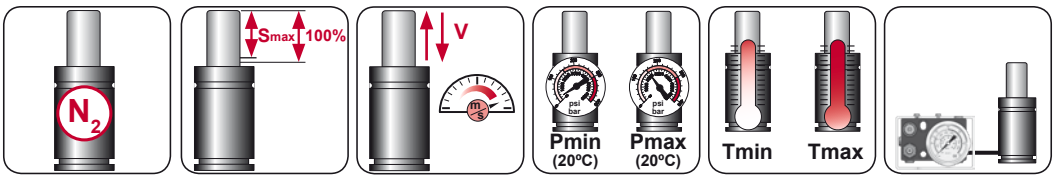
| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

KT 9500 50

KT 9500 050



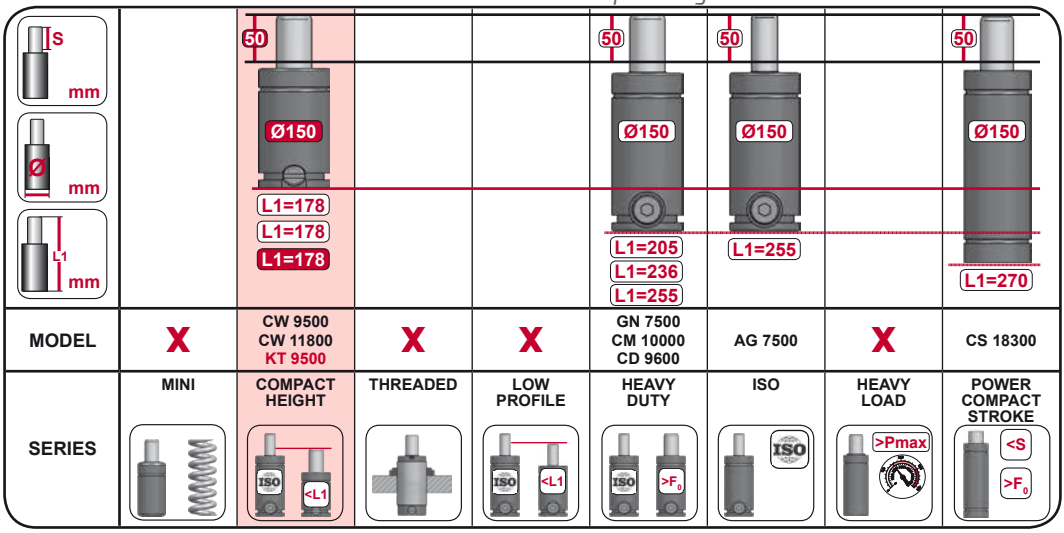




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# KT 9500 MOUNTS

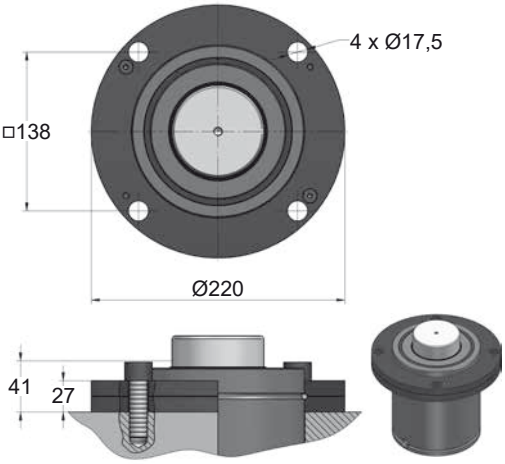
*Compact Height*




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **MODEL** | X | CW 9500<br>CW 11800<br>KT 9500 | X | X | GN 7500<br>CM 10000<br>CD 9600 | AG 7500 | X | CS 18300 |
| **SERIES** | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

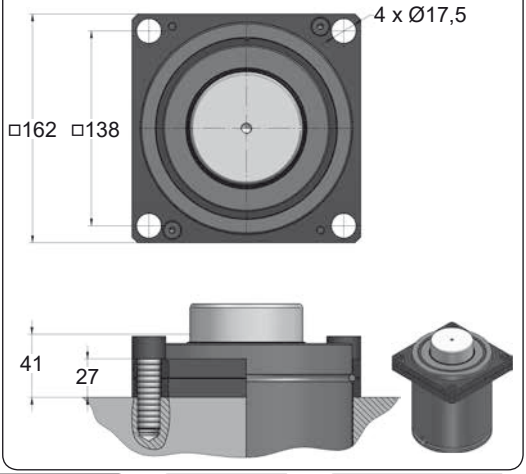
## A14-150

ISO E24.54.815.G EM24.54.700/F




## A34-150

ISO VDI

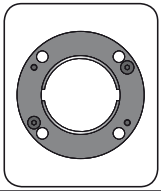


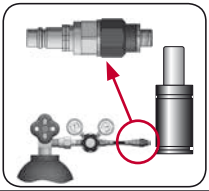












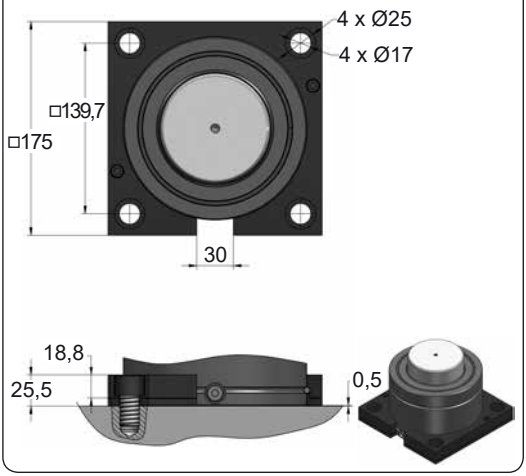
| CODE | | KT 9500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KT 9500 MOUNTS

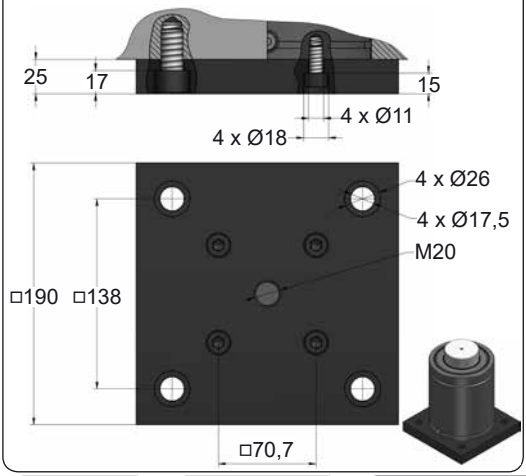
*Compact Height*

AZOL GAS

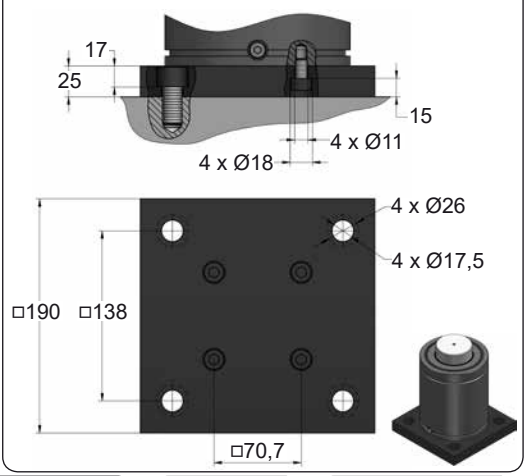
## AY4-150




## B36-150




## B41-150

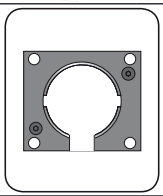


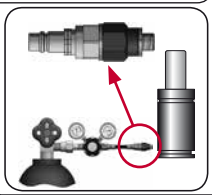












| CODE | | KT 9500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | AY4-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

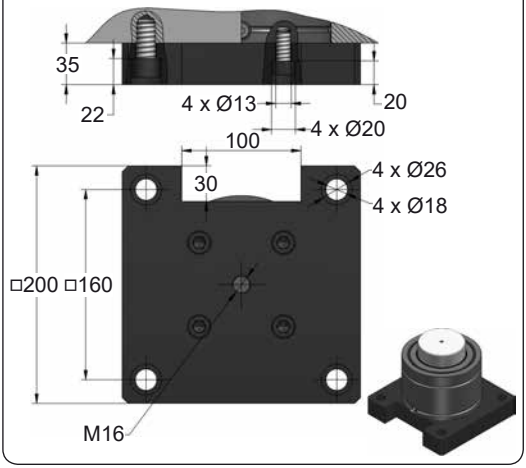
AZOL GAS

# KT 9500 MOUNTS

*Compact Height*

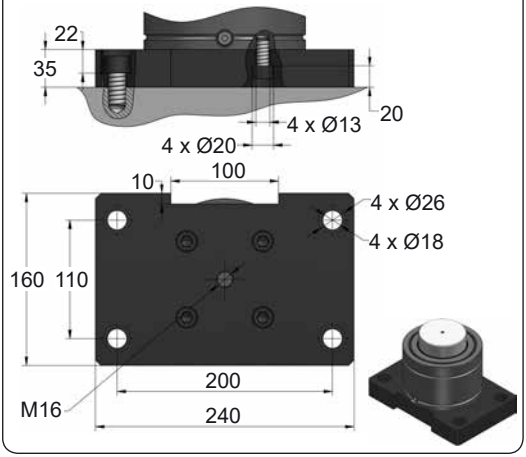
## B56-150

SMS DKH 3221n



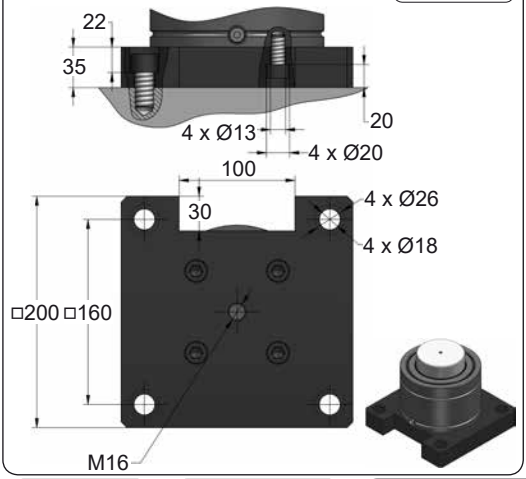

## B61-150

SMS DKH 3221n



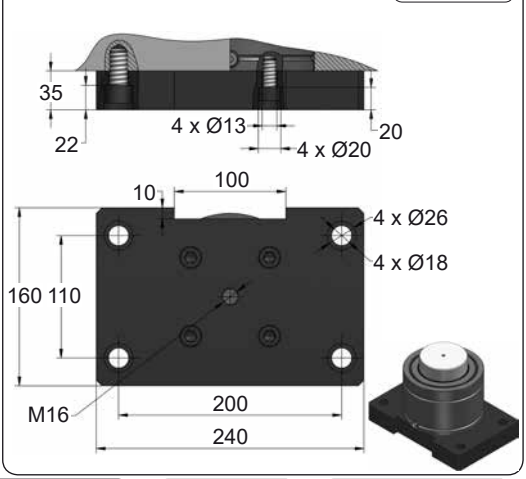

## B66-150

SMS DKH 3221n




## B71-150

SMS DKH 3221n

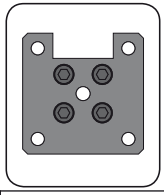


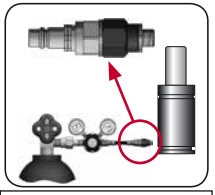












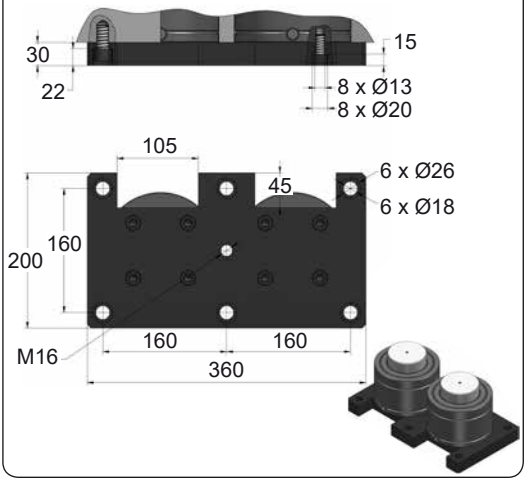
| CODE | | KT 9500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B56-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# KT 9500 MOUNTS

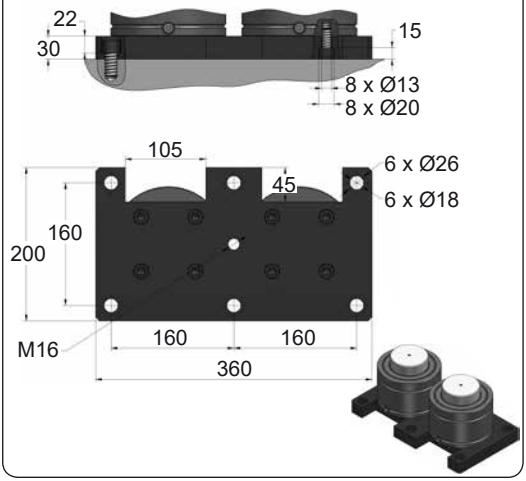
*Compact Height*

AZOL GAS

## B88-150




## B93-150

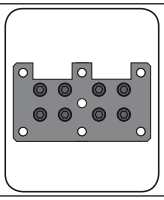


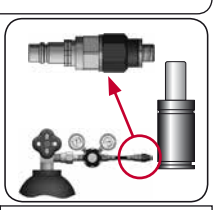












| CODE | | KT 9500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B88-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

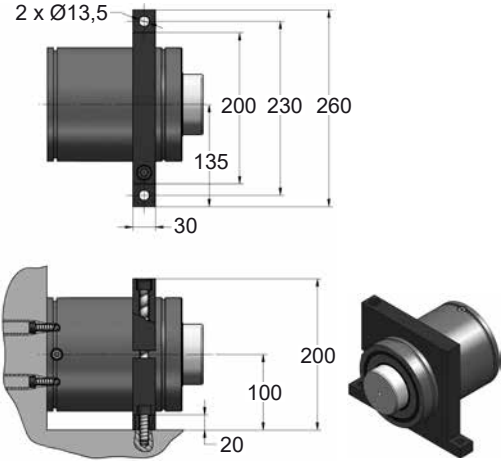
AZOL GAS

# KT 9500 MOUNTS

*Compact Height*

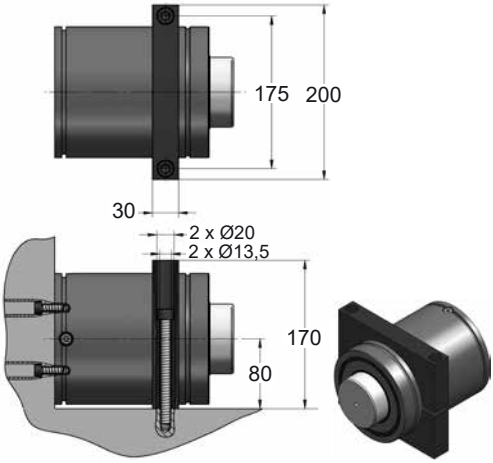
## D02-150

ISO E24.54.815.G




## D67-150

VDI

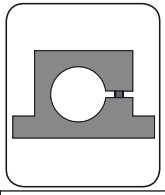


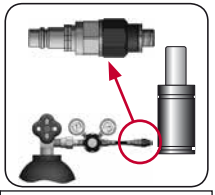








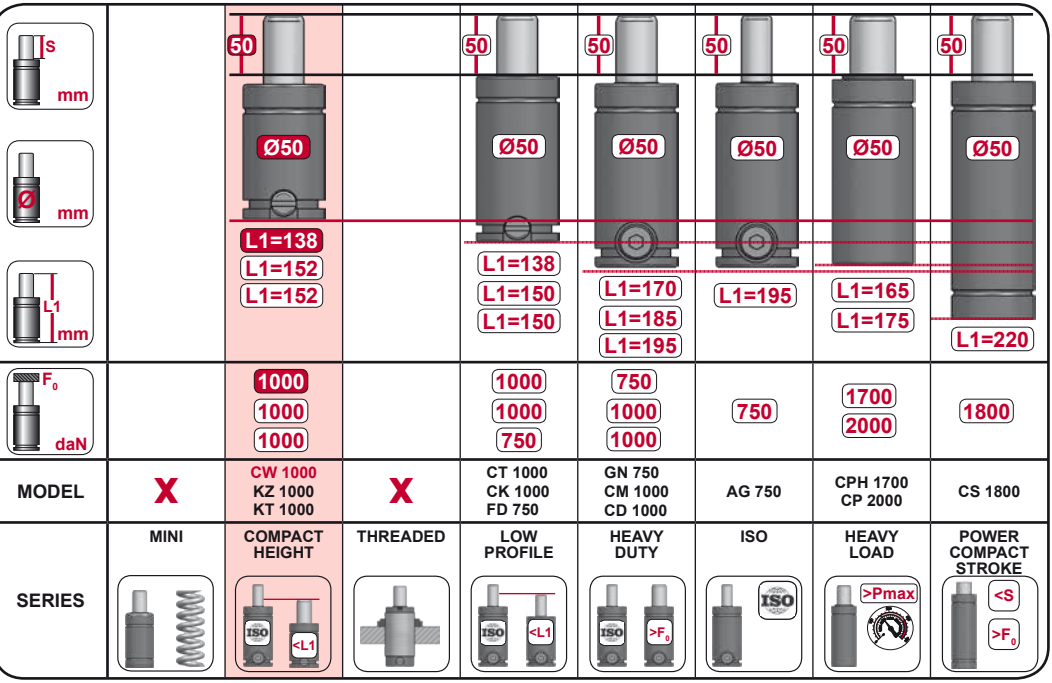




| CODE | | KT 9500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AZOL GAS CW COMPACT HEIGHT MEDIUM

| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| CW 170 V1 | 170 | Ø19 | 7 - 125 | 44 - 285 | 180 | M6 | X | X |
| CW 320 V1 | 320 | Ø25 | 7 - 125 | 44 - 285 | 180 | M6 | X | X |
| CW 350 V1 | 350 | Ø32 | 10 - 125 | 50 - 280 | 180 | M6 | ✔ | ✔ |
| CW 500 V1 | 500 | Ø38 | 10 - 125 | 50 - 280 | 150 | M6 | ✔ | ✔ |
| CW 750 V1 | 750 | Ø45 | 10 - 125 | 52 - 282 | 150 | M6 | ✔ | ✔ |
| CWC 750 V2 | 750 | Ø45 | 10 - 125 | 62 - 292 | 150 | G1/8" | ✔ | ✔ |
| CW 1000 V2 | 1000 | Ø50 | 13 - 125 | 64 - 288 | 150 | M6 | ✔ | ✔ |
| CWC 1000 V2 | 1000 | Ø50 | 13 - 125 | 74 - 298 | 150 | G1/8" | ✔ | ✔ |
| CW 1500 | 1500 | Ø63 | 13 - 125 | 70 - 294 | 150 | M6 | ✔ | ✔ |
| CWC 1500 | 1500 | Ø63 | 13 - 125 | 80 - 304 | 150 | G1/8" | ✔ | ✔ |
| CW 2400 V1 | 2400 | Ø75 | 16 - 125 | 77 - 295 | 150 | M6 | ✔ | ✔ |
| CWC 2400 V2 | 2400 | Ø75 | 16 - 125 | 87 - 305 | 150 | G1/8" | ✔ | ✔ |
| CW 4200 V1 | 4200 | Ø95 | 16 - 125 | 90 - 308 | 150 | G1/8" | ✔ | ✔ |
| CW 6600 | 6600 | Ø120 | 16 - 125 | 100 - 318 | 150 | G1/8" | ✔ | ✔ |
| CW 9500 | 9500 | Ø150 | 19 - 125 | 116 - 328 | 150 | G1/8" | ✔ | ✔ |
| CW 11800 | 11800 | Ø150 | 19 - 125 | 116 - 328 | 150 | G1/8" | ✔ | ✔ |
| CW 20000 | 20000 | Ø195 | 19 - 125 | 148 - 360 | 150 | G1/8" | ✔ | ✔ |

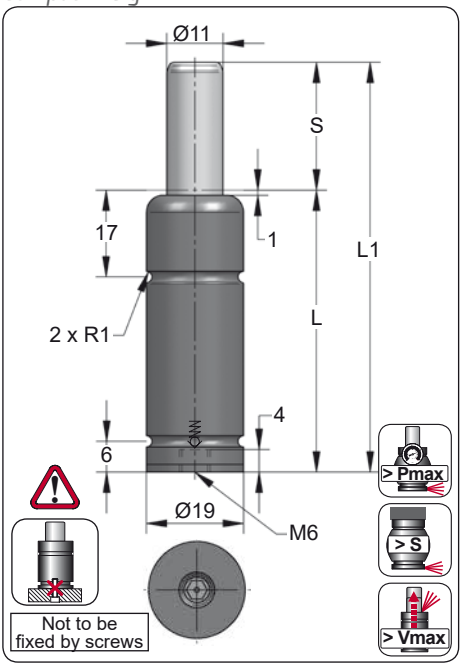


# CW 170 V1

*Compact Height*

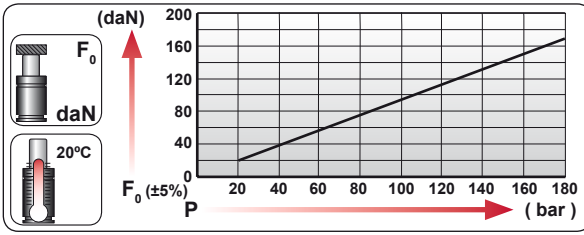
| | | | |
|---|---|---|---|
| BMW | B2 4005 | | |
| MB | B8 3180 220 000 004 | | |
| VW | 39D 997 | | |

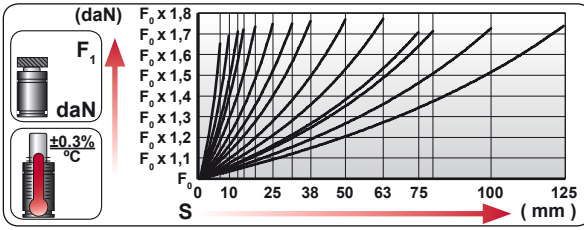
AZOL GAS

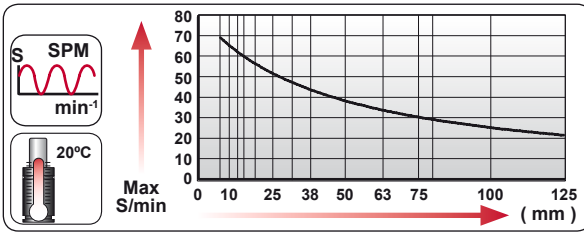



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CW 170 007 V1 | 7 | 44 | 37 | 0.07 |
| CW 170 010 V1 | 10 | 50 | 40 | 0.07 |
| CW 170 013 V1 | 13 | 56 | 43 | 0.07 |
| CW 170 015 V1 | 15 | 60 | 45 | 0.08 |
| CW 170 019 V1 | 19 | 68 | 49 | 0.08 |
| CW 170 025 V1 | 25 | 80 | 55 | 0.09 |
| CW 170 032 V1 | 32 | 94 | 62 | 0.09 |
| CW 170 038 V1 | 38 | 106 | 68 | 0.10 |
| CW 170 050 V1 | 50 | 130 | 80 | 0.12 |
| CW 170 063 V1 | 63 | 156 | 93 | 0.14 |
| CW 170 075 V1 | 75 | 185 | 110 | 0.15 |
| CW 170 080 V1 | 80 | 195 | 115 | 0.16 |
| CW 170 100 V1 | 100 | 235 | 135 | 0.18 |
| CW 170 125 V1 | 125 | 285 | 160 | 0.22 |

PED · ISO 11901 · VDI 3003



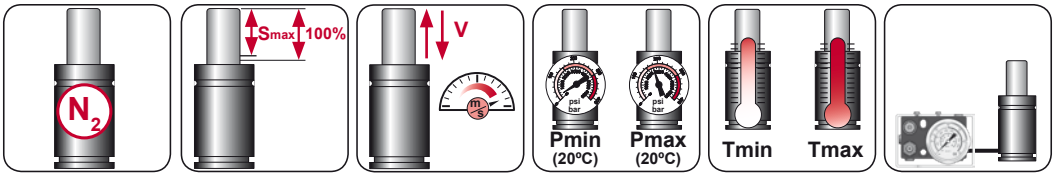

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CW 170 050 V1 | 180 | 2610 | 170 | 340 |
| --------- | --- | --- | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: 170 — S mm: 50

CW 170 050 V1



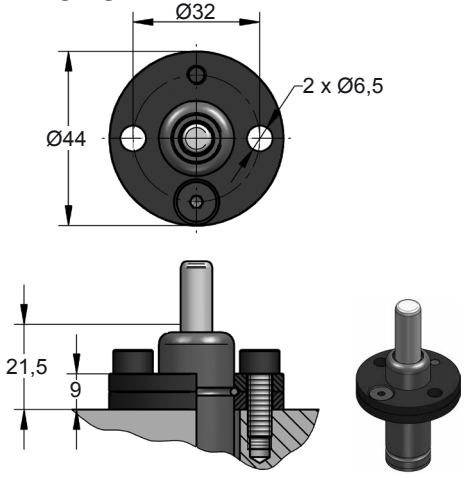

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

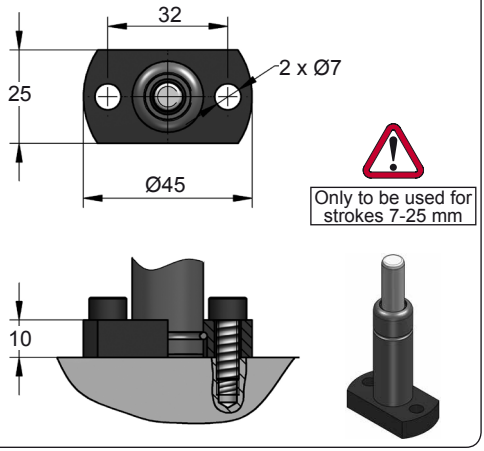
# CW 170 V1 MOUNTS

*Compact Height*

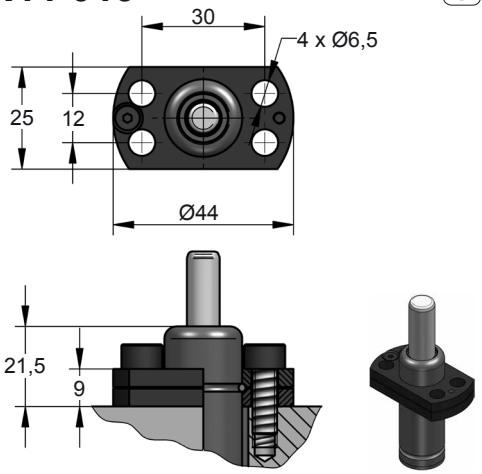
## A14-019



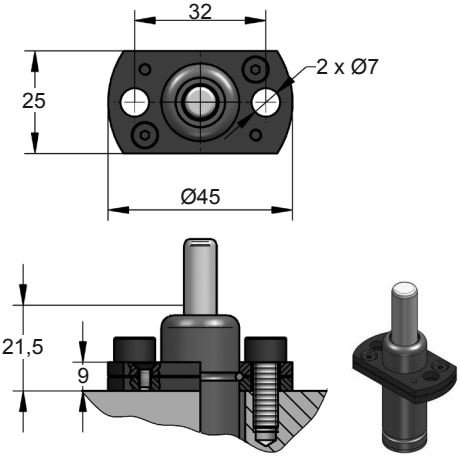

## A19-019




## A44-019




## A59-019







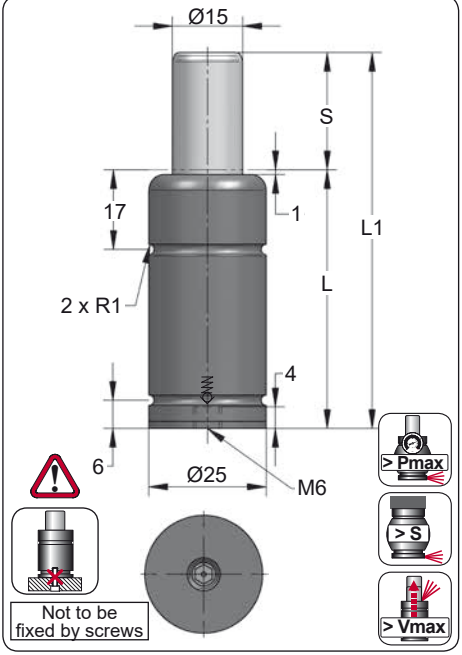
| CODE | | CW 170 050 V1 | | A14-019 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CW 320 V1

*Compact Height*

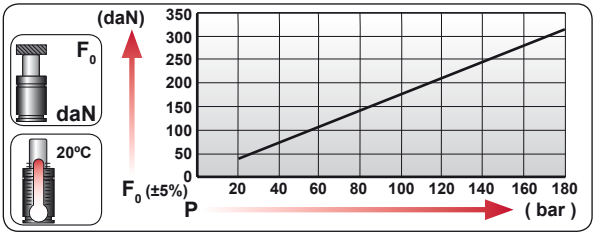
| | | |
|---|---|---|
| | | |
| VW 39D 997 | | |

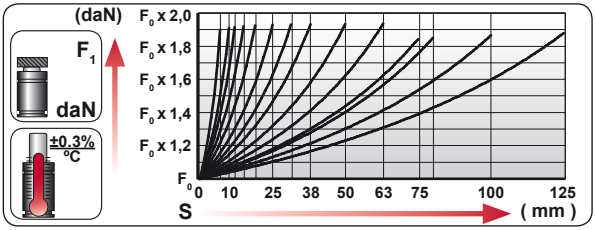
AZOL GAS

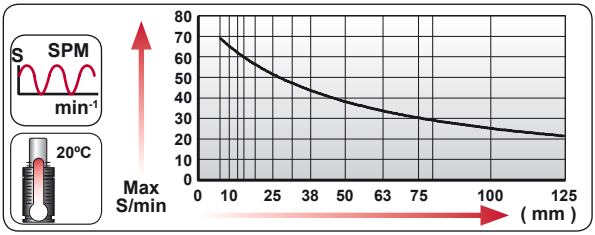



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CW 320 007 V1 | 7 | 44 | 37 | 0.13 |
| CW 320 010 V1 | 10 | 50 | 40 | 0.14 |
| CW 320 012 V1 | 12 | 54 | 42 | 0.14 |
| CW 320 015 V1 | 15 | 60 | 45 | 0.15 |
| CW 320 019 V1 | 19 | 68 | 49 | 0.16 |
| CW 320 025 V1 | 25 | 80 | 55 | 0.17 |
| CW 320 032 V1 | 32 | 94 | 62 | 0.20 |
| CW 320 038 V1 | 38 | 106 | 68 | 0.23 |
| CW 320 050 V1 | 50 | 130 | 80 | 0.26 |
| CW 320 063 V1 | 63 | 156 | 93 | 0.29 |
| CW 320 075 V1 | 75 | 185 | 110 | 0.30 |
| CW 320 080 V1 | 80 | 195 | 115 | 0.34 |
| CW 320 100 V1 | 100 | 235 | 135 | 0.40 |
| CW 320 125 V1 | 125 | 285 | 160 | 0.46 |

PED · ISO 11901 · VDI 3003



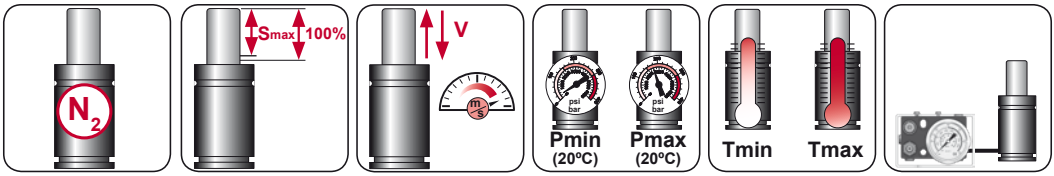

| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| CW 320 050 V1 | 180 | 2610 | 320 | 670 |
| --------- | --- | --- | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN: 320 — S mm: 50

CW 320 050 V1



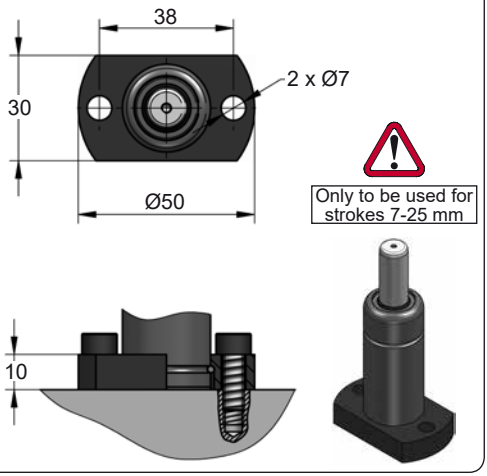

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

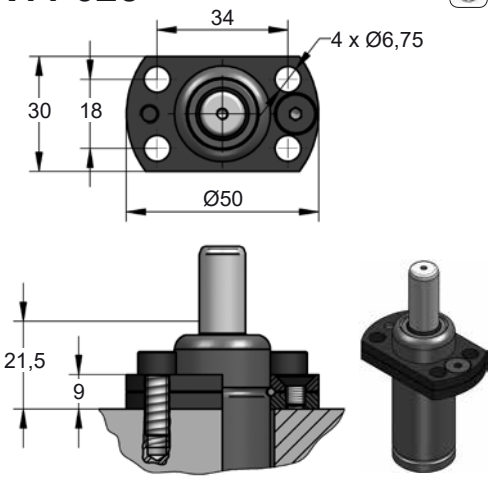
# CW 320 V1 MOUNTS

*Compact Height*

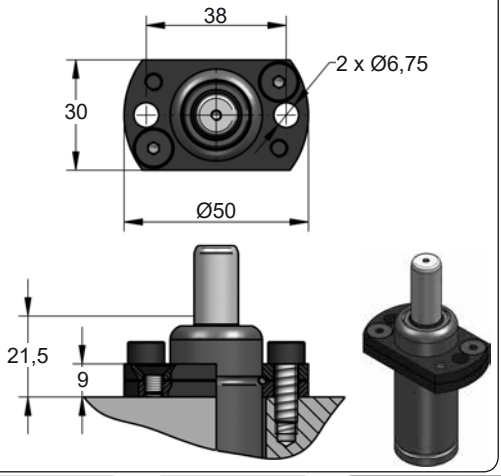
## A19-025



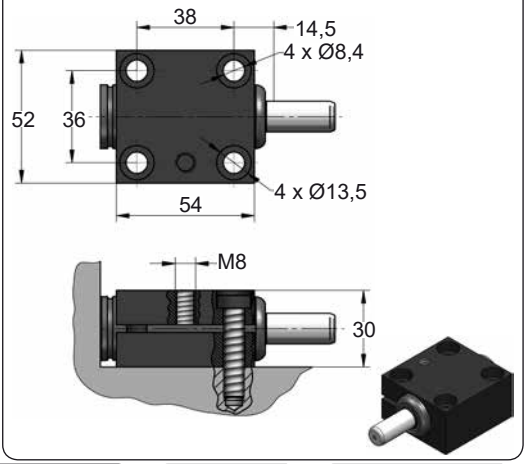

## A44-025




## A49-025




## D02-025

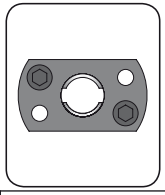


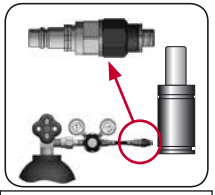












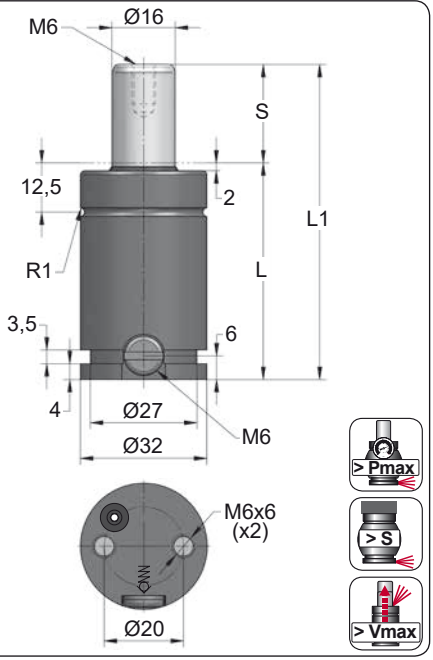
| CODE | | CW 320 050 V1 | | A19-025 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CW 350 V1

*Compact Height*

| | | | | |
|---|---|---|---|---|
| **BMW** | B2 4005 | **FORD** | W-DX35-6204 | |
| **MB** | B8 3180 220 000 004 | **GM** | 90.25.08 | |
| **VW** | 39D 997 | | | |

AZOL GAS

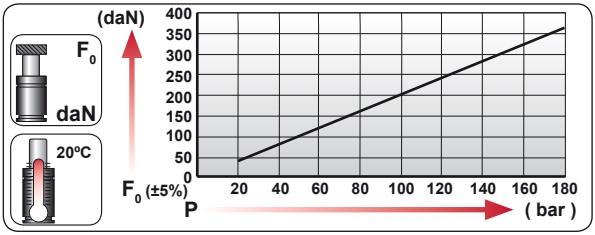


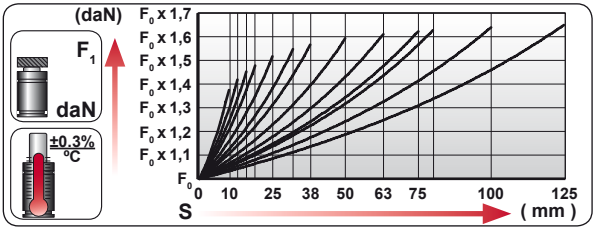

| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CW 350 010 V1 | 10 | 50 | 40 | 0.18 |
| CW 350 013 V1 | 13 | 56 | 43 | 0.19 |
| CW 350 016 V1 | 16 | 62 | 46 | 0.20 |
| CW 350 019 V1 | 19 | 68 | 49 | 0.21 |
| CW 350 025 V1 | 25 | 80 | 55 | 0.23 |
| CW 350 032 V1 | 32 | 94 | 62 | 0.26 |
| CW 350 038 V1 | 38 | 106 | 68 | 0.28 |
| CW 350 050 V1 | 50 | 130 | 80 | 0.32 |
| CW 350 063 V1 | 63 | 156 | 93 | 0.36 |
| CW 350 075 V1 | 75 | 180 | 105 | 0.40 |
| CW 350 080 V1 | 80 | 190 | 110 | 0.42 |
| CW 350 100 V1 | 100 | 230 | 130 | 0.49 |
| CW 350 125 V1 | 125 | 280 | 155 | 0.57 |

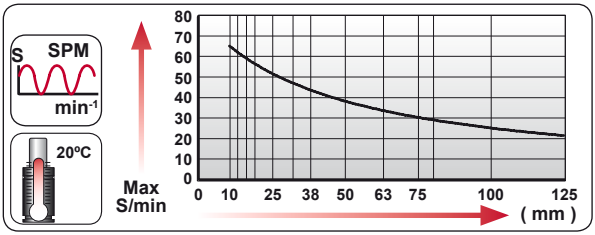
PED 97/23/EC APPROVED

ISO 11901

VDI 3003



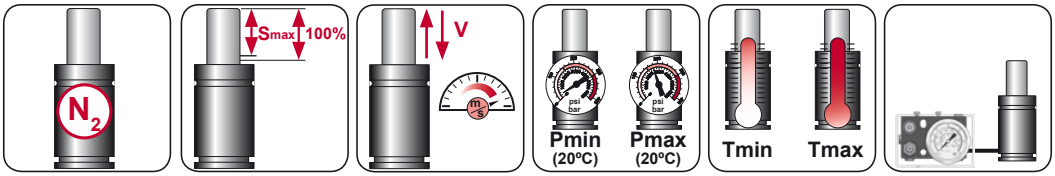

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CW 350 050 V1 | | 180 | 2610 | 360 | 575 |
| CW-H 350 050 V1 | | 0 | 0 | - - - | - - - |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: 350 — S mm: 50

**CW 350 050 V1**




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

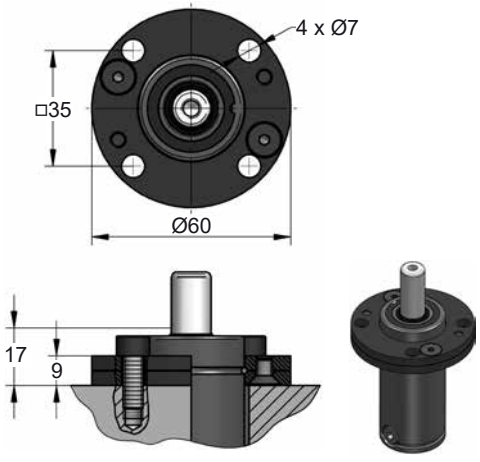
AZOL GAS

# CW 350 V1 MOUNTS

*Compact Height*

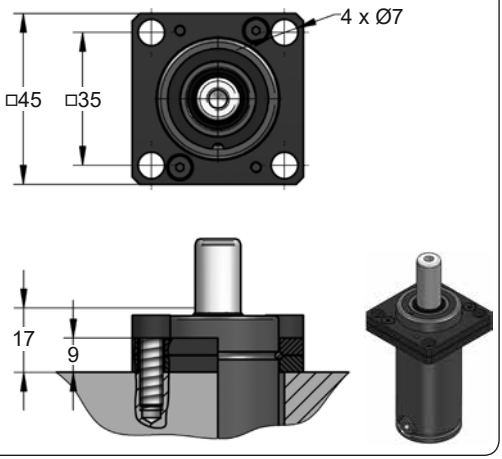
## A14-032

ISO E24.54.815.G EM24.54.700/F



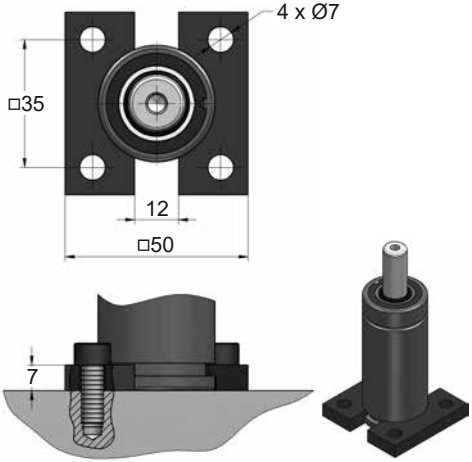

## A34-032

VDI

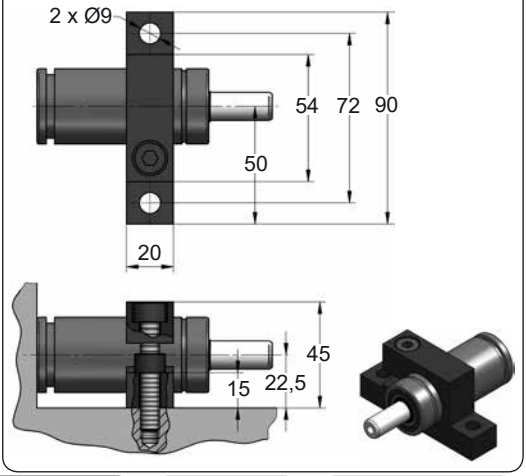



## C20-032

VDI E24.54.815.G EM24.54.700/F




## D02-032

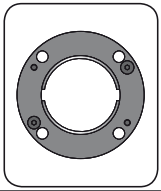


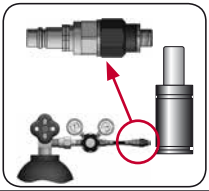












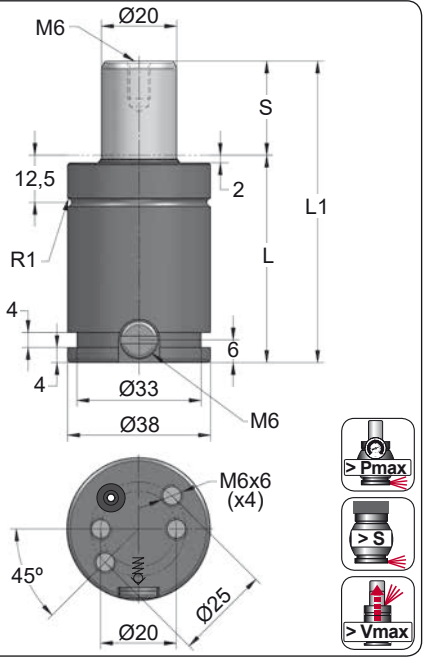
| CODE | | CW 350 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-032 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CW 500 V1

*Compact Height*

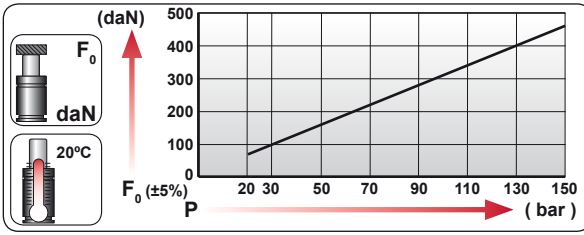
| | | | | | |
|---|---|---|---|---|---|
| **BMW** | B2 4005 | **FORD** | W-DX35-6204 | **PSA** | E24.54.815.G |
| **MB** | B8 3180 220 000 004 | **GM** | 90.25.08 | | |
| **VW** | 39D 997 | | | | |

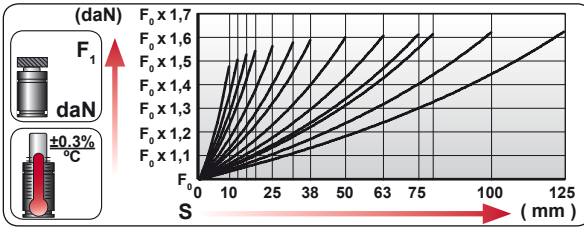
AZOL GAS




| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CW 500 010 V1 | 10 | 50 | 40 | 0.25 |
| CW 500 013 V1 | 13 | 56 | 43 | 0.26 |
| CW 500 016 V1 | 16 | 62 | 46 | 0.27 |
| CW 500 019 V1 | 19 | 68 | 49 | 0.28 |
| CW 500 025 V1 | 25 | 80 | 55 | 0.31 |
| CW 500 032 V1 | 32 | 94 | 62 | 0.33 |
| CW 500 038 V1 | 38 | 106 | 68 | 0.36 |
| CW 500 050 V1 | 50 | 130 | 80 | 0.41 |
| CW 500 063 V1 | 63 | 156 | 93 | 0.46 |
| CW 500 075 V1 | 75 | 180 | 105 | 0.51 |
| CW 500 080 V1 | 80 | 190 | 110 | 0.53 |
| CW 500 100 V1 | 100 | 230 | 130 | 0.61 |
| CW 500 125 V1 | 125 | 280 | 155 | 0.71 |

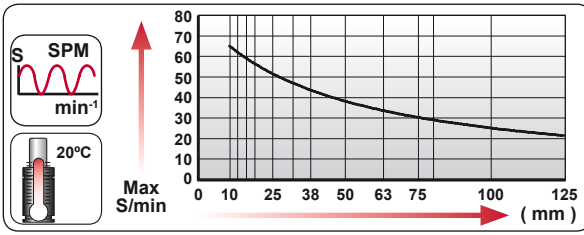
PED 2014/68/EU · ISO 11901 · VDI 3003 · CNOMO EM.24.54




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CW 500 050 V1 | 150 | 2175 | 470 | 750 |
| CW-H 500 050 V1 | 0 | 0 | - - - | - - - |

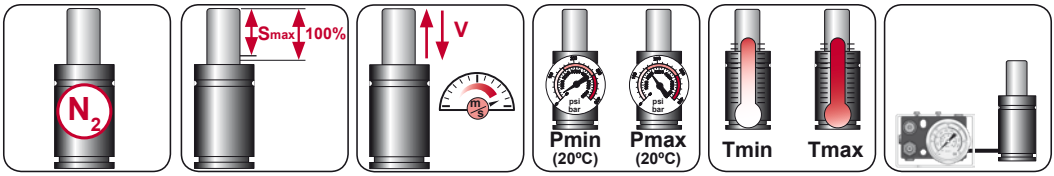
VDI 3003 — EQUIPPED WITH VDI - SAFETY




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: **500** — S mm: **50**

**CW 500 050 V1**




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

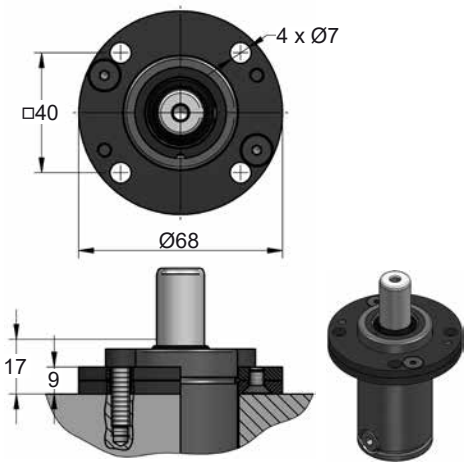
AZOL GAS

# CW 500 V1 MOUNTS

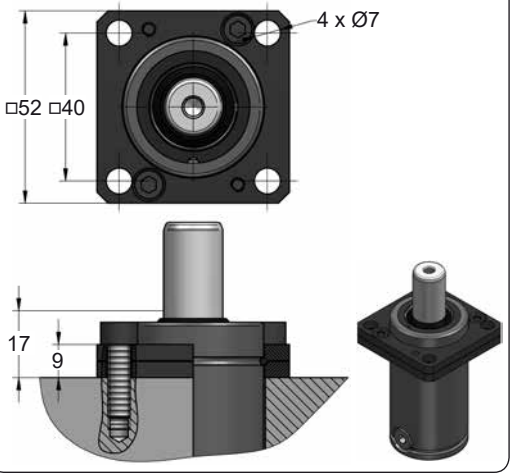
*Compact Height*

## A14-038

E24.54.815.G
EM24.54.700/F

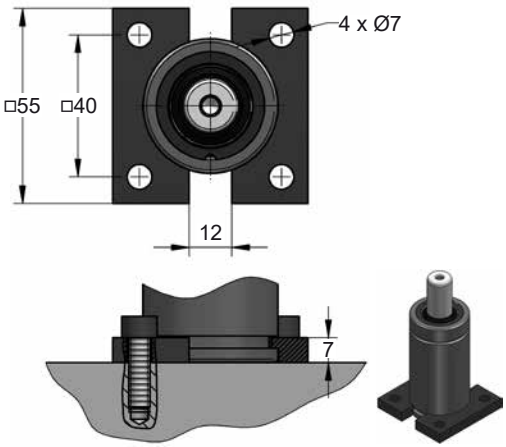



## A34-038



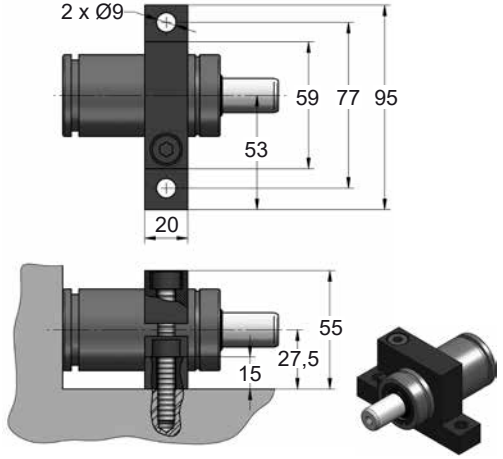

## C20-038

E24.54.815.G
EM24.54.700/F




## D02-038

E24.54.815.G

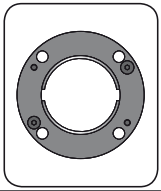


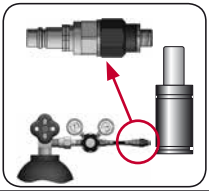












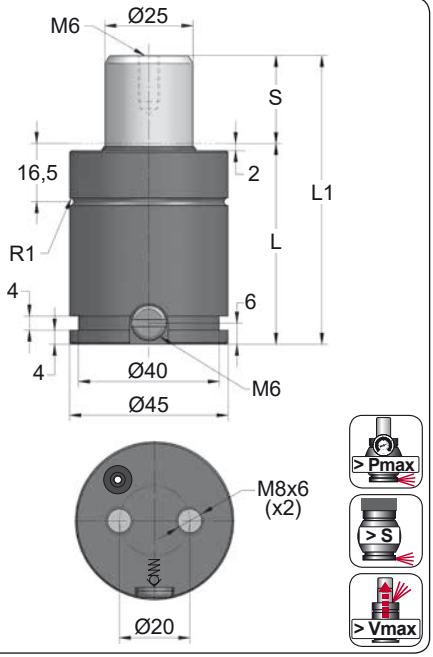
| CODE | | CW 500 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-038 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CW 750 V1

*Compact Height*

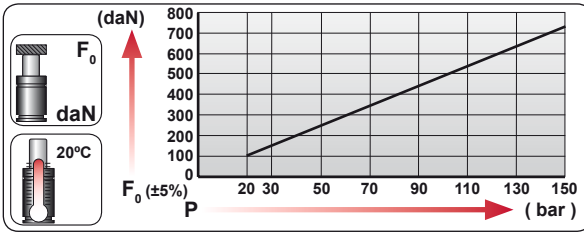
| | | | | | |
|---|---|---|---|---|---|
| **BMW** | B2 4005 | **FORD** | W-DX35-6204 | **PSA** | E24.54.815.G |
| **MB** | B8 3180 220 000 004 | **GM** | 90.25.08 | | |
| **VW** | 39D 997 | | | | |

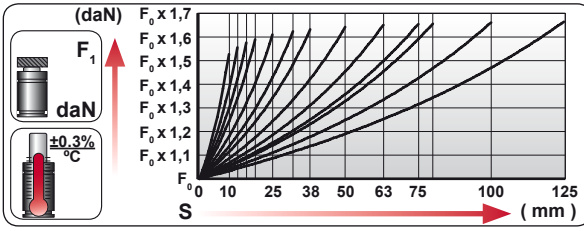
AZOL GAS

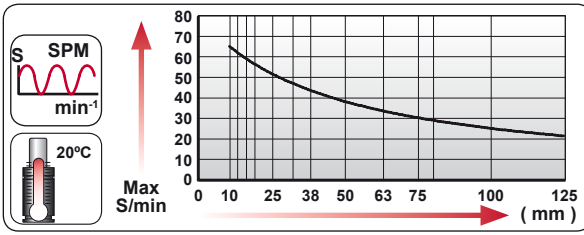



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CW 750 010 V1 | 10 | 52 | 42 | 0.37 |
| CW 750 013 V1 | 13 | 58 | 45 | 0.39 |
| CW 750 016 V1 | 16 | 64 | 48 | 0.41 |
| CW 750 019 V1 | 19 | 70 | 51 | 0.43 |
| CW 750 025 V1 | 25 | 82 | 57 | 0.47 |
| CW 750 032 V1 | 32 | 96 | 64 | 0.51 |
| CW 750 038 V1 | 38 | 108 | 70 | 0.55 |
| CW 750 050 V1 | 50 | 132 | 82 | 0.62 |
| CW 750 063 V1 | 63 | 158 | 95 | 0.70 |
| CW 750 075 V1 | 75 | 182 | 107 | 0.78 |
| CW 750 080 V1 | 80 | 192 | 112 | 0.81 |
| CW 750 100 V1 | 100 | 232 | 132 | 0.93 |
| CW 750 125 V1 | 125 | 282 | 157 | 1.09 |

PED · ISO 11901 · VDI 3003 · CNOMO EM.24.54



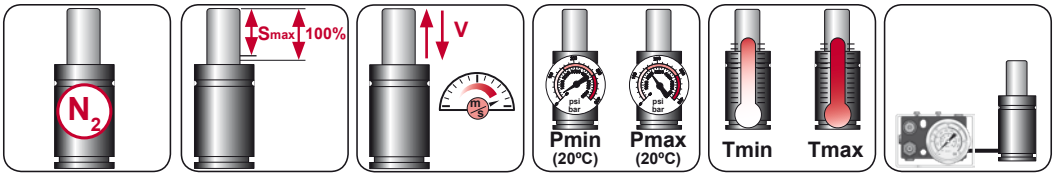

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CW 750 050 V1 | | 150 | 2175 | 740 | 1215 |
| CW-H 750 050 V1 | | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: **750** — S mm: **50**

**CW 750 050 V1**

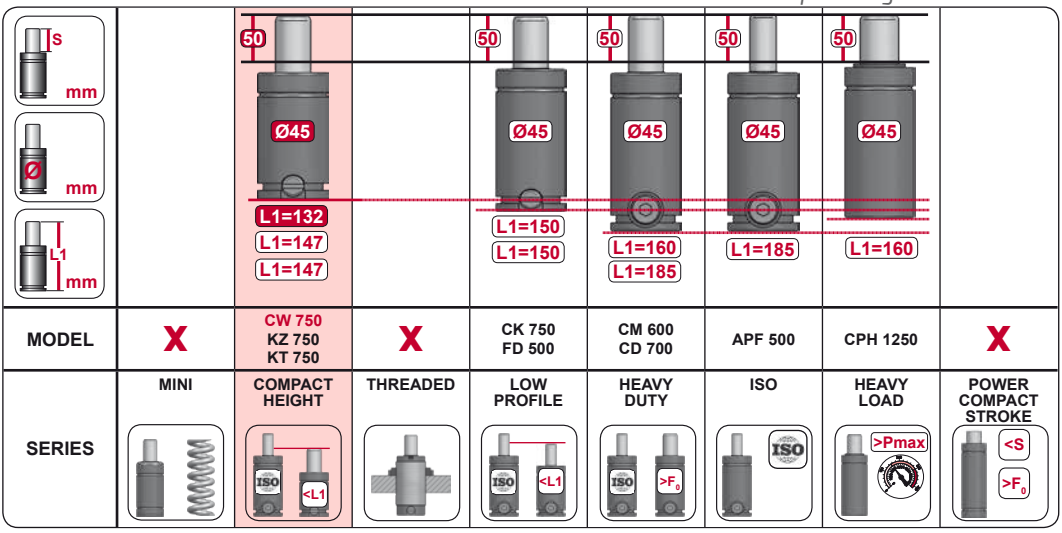



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

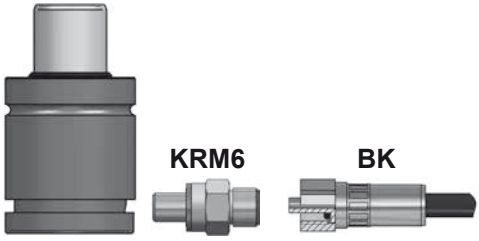
AZOL GAS

# CW 750 V1

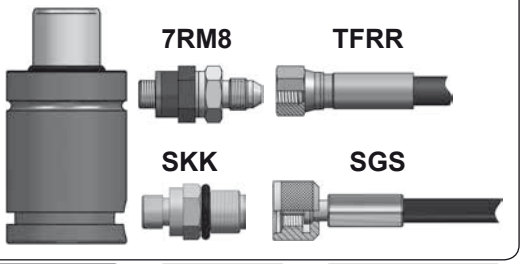
*Compact Height*




## CW




## CWC





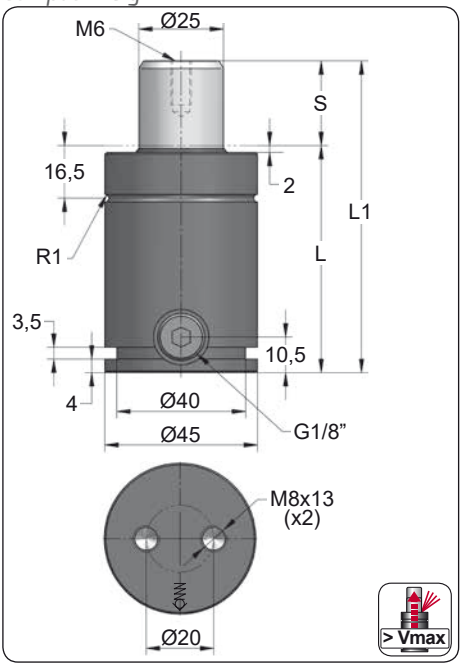


| CODE | | CW 750 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-045 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

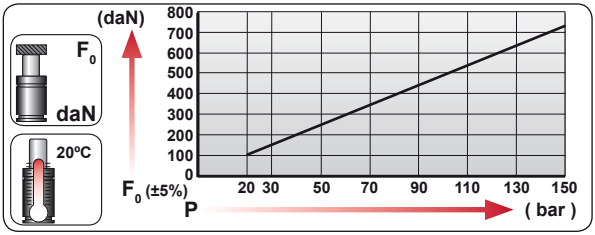
# CWC 750 V2

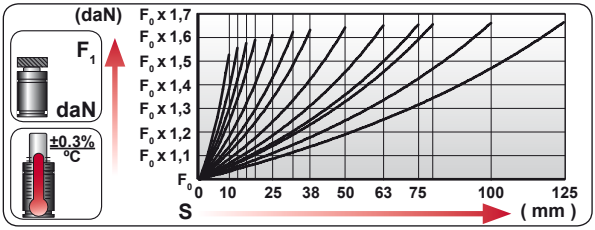
*Compact Height*

AZOL GAS



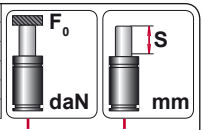

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CWC 750 010 V2 | 10 | 62 | 52 | 0.49 |
| CWC 750 013 V2 | 13 | 68 | 55 | 0.50 |
| CWC 750 016 V2 | 16 | 74 | 58 | 0.52 |
| CWC 750 019 V2 | 19 | 80 | 61 | 0.54 |
| CWC 750 025 V2 | 25 | 92 | 67 | 0.58 |
| CWC 750 032 V2 | 32 | 106 | 74 | 0.62 |
| CWC 750 038 V2 | 38 | 118 | 80 | 0.66 |
| CWC 750 050 V2 | 50 | 142 | 92 | 0.74 |
| CWC 750 063 V2 | 63 | 168 | 105 | 0.82 |
| CWC 750 075 V2 | 75 | 192 | 117 | 0.89 |
| CWC 750 080 V2 | 80 | 202 | 122 | 0.92 |
| CWC 750 100 V2 | 100 | 242 | 142 | 1.05 |
| CWC 750 125 V2 | 125 | 292 | 167 | 1.20 |



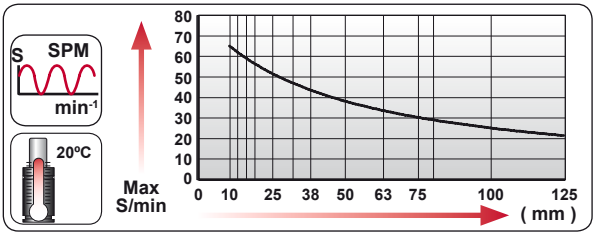

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CWC 750 050 V2 | 150 | 2175 | 740 | 1215 |
| CWC-H 750 050 V2 | 0 | 0 | --- | --- |

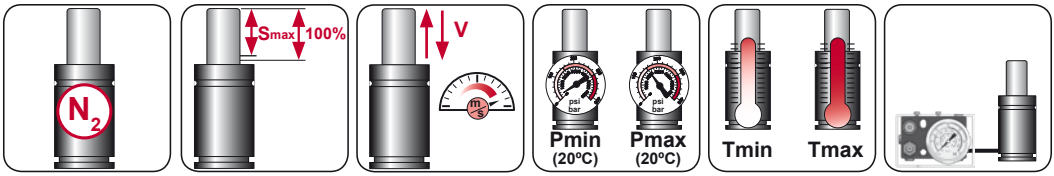
| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CWC 750 50

CWC 750 050 V2



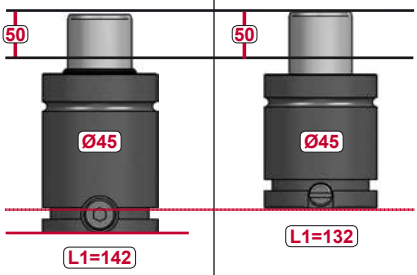

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CWC 750 V2

*Compact Height*




| MODEL | CWC 750 | CW 750 |
|---|---|---|

## CW



CW



KRM6



BK

## CWC



CWC



DRM8



TNRR



9RM8



MCRR



7RM8



TFRR



SKK

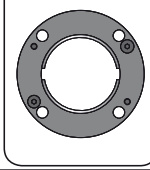


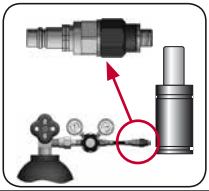
SGS









| CODE | | CWC 750 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

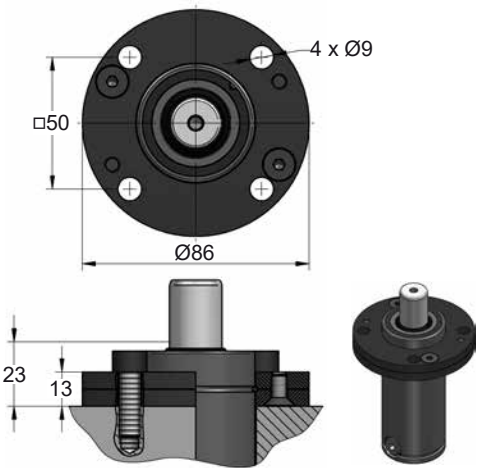
# CW 750 V1/CWC 750 V2 MOUNTS

*Compact Height*

AZOL GAS

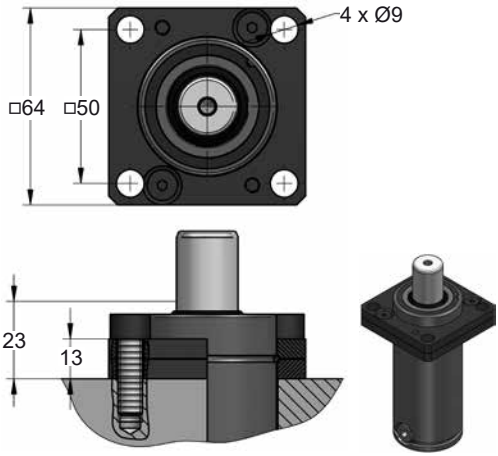
## A14-045

ISO E24.54.815.G EM24.54.700/F

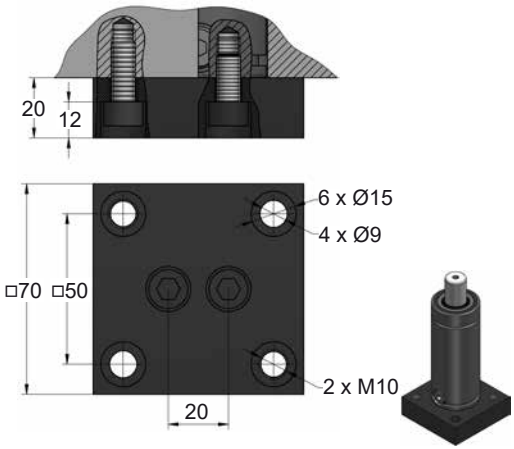



## A34-045

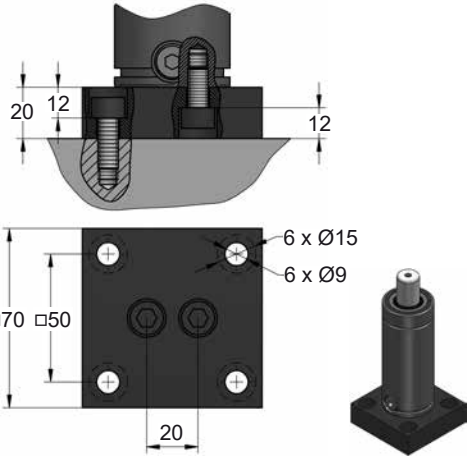
ISO VDI




## B36-045




## B41-045

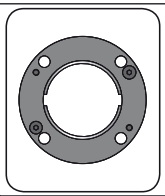


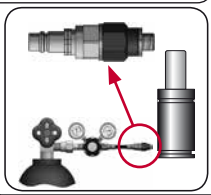










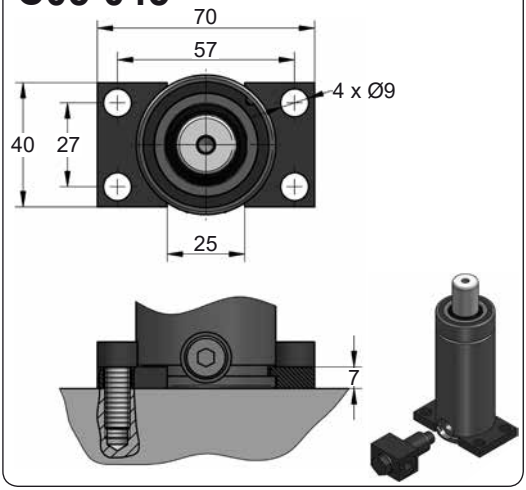


| CODE | | CWC 750 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AZOL GAS CW 750 V1/CWC 750 V2 MOUNTS

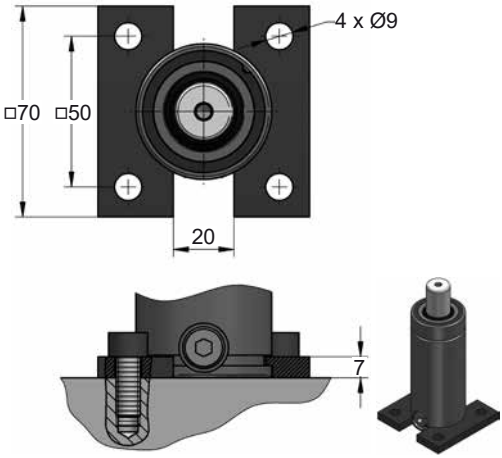
*Compact Height*

## C05-045

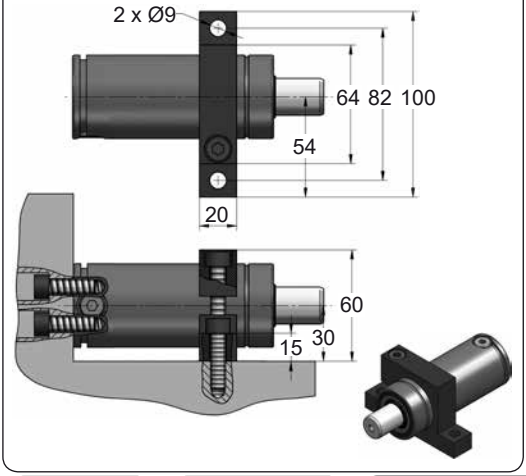



## C20-045

ISO VDI E24.54.815.G EM24.54.700/F

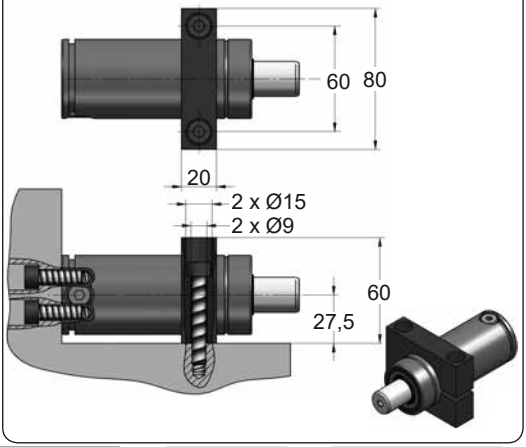



## D02-045




## D67-045

VDI

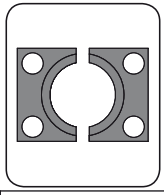


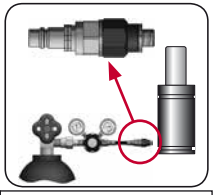












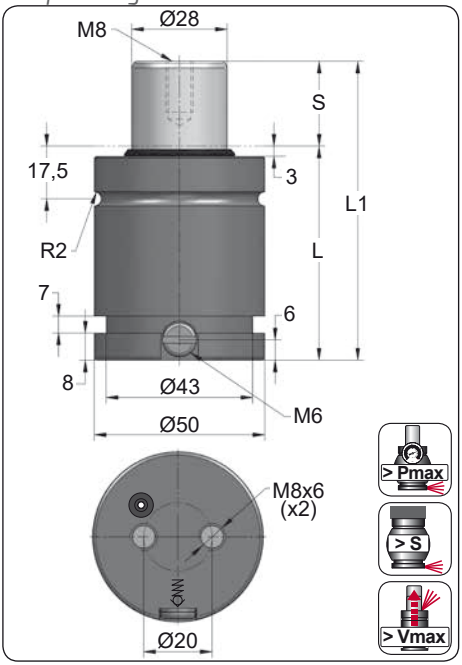
| CODE | | CWC 750 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CW 1000 V2

*Compact Height*

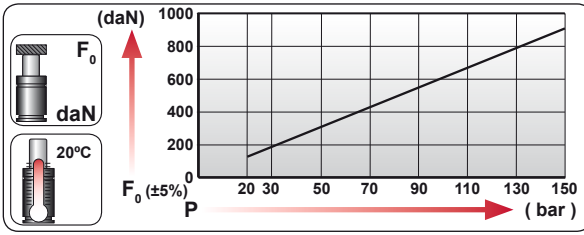
| | | | | | |
|---|---|---|---|---|---|
| **BMW** | B2 4005 | **FORD** | W-DX35-6204 | **PSA** | E24.54.815.G |
| **MB** | B8 3180 220 000 004 | **GM** | 90.25.08 | | |
| **VW** | 39D 997 | | | | |

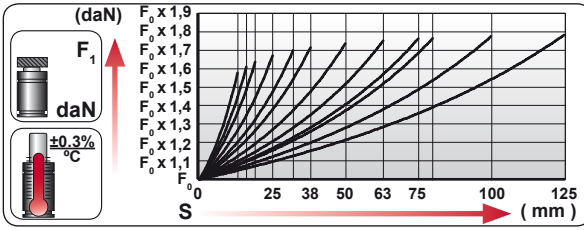
AZOL GAS




| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CW 1000 013 V2 | 13 | 64 | 51 | 0.55 |
| CW 1000 016 V2 | 16 | 70 | 54 | 0.57 |
| CW 1000 019 V2 | 19 | 76 | 57 | 0.60 |
| CW 1000 025 V2 | 25 | 88 | 63 | 0.65 |
| CW 1000 032 V2 | 32 | 102 | 70 | 0.70 |
| CW 1000 038 V2 | 38 | 114 | 76 | 0.75 |
| CW 1000 050 V2 | 50 | 138 | 88 | 0.86 |
| CW 1000 063 V2 | 63 | 164 | 101 | 0.96 |
| CW 1000 075 V2 | 75 | 188 | 113 | 1.06 |
| CW 1000 080 V2 | 80 | 198 | 118 | 1.11 |
| CW 1000 100 V2 | 100 | 238 | 138 | 1.27 |
| CW 1000 125 V2 | 125 | 288 | 163 | 1.48 |

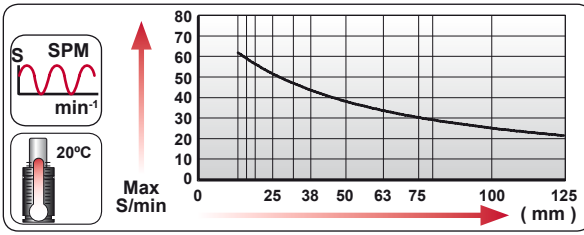
PED 2014/68/EU · ISO 11901 · VDI 3003 · CNOMO EM.24.54




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CW 1000 050 V2 | 150 | 2175 | 920 | 1600 |
| CW-H 1000 050 V2 | 0 | 0 | --- | --- |

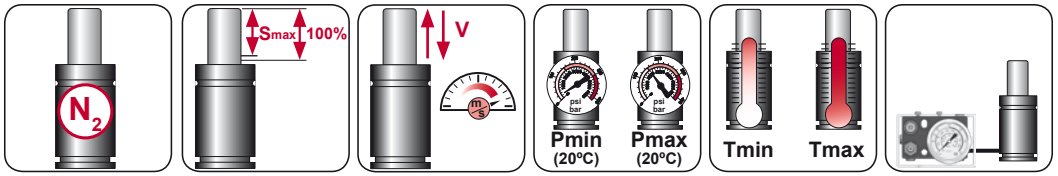
VDI 3003 — EQUIPPED WITH VDI - SAFETY




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

| $F_0$ daN | S mm |
|---|---|
| 1000 | 50 |

CW 1000 050 V2

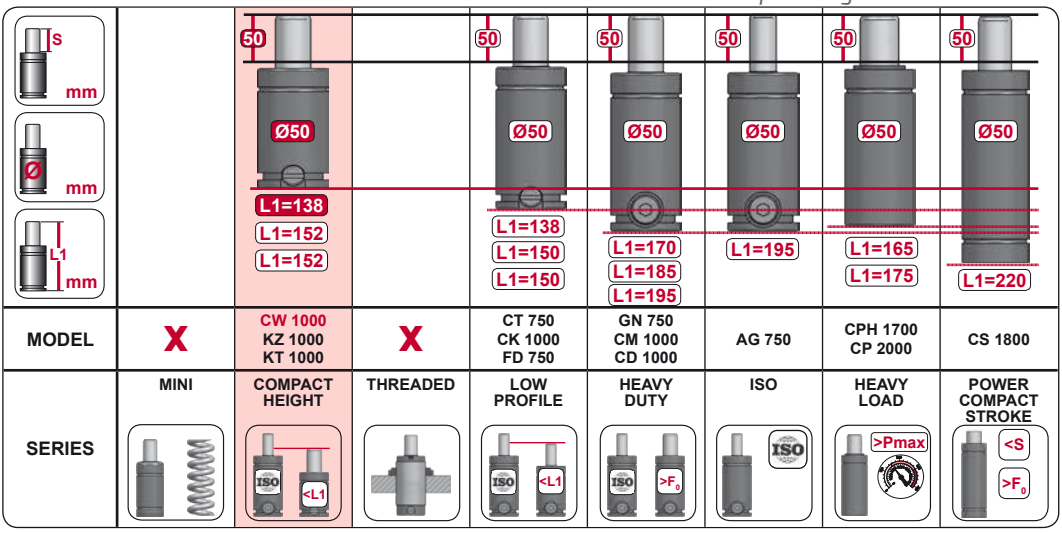



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

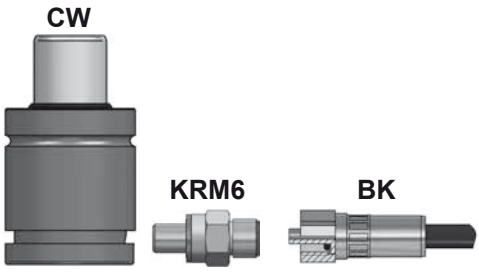
# CW 1000 V2

*Compact Height*

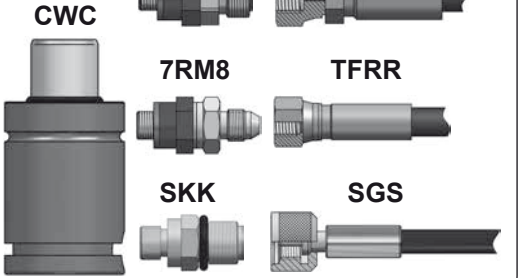



| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MODEL | X | CW 1000<br>KZ 1000<br>KT 1000 | X | CT 750<br>CK 1000<br>FD 750 | GN 750<br>CM 1000<br>CD 1000 | AG 750 | CPH 1700<br>CP 2000 | CS 1800 |
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## CW




## CWC

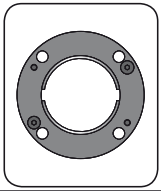


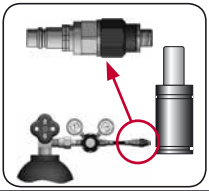










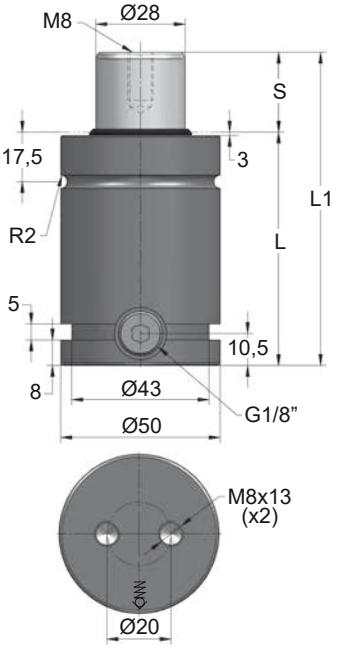


| CODE | | CW 1000 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-050 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

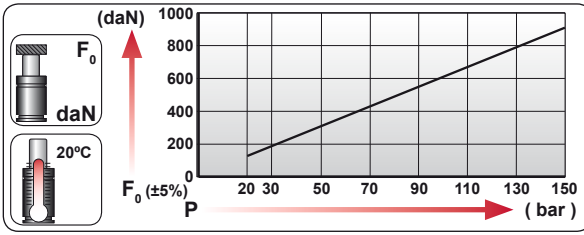
# CWC 1000 V2

*Compact Height*

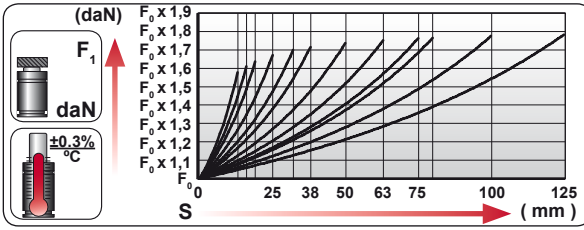
AZOL GAS



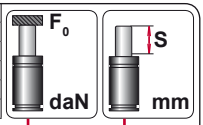

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CWC 1000 013 V2 | 13 | 74 | 61 | 0.73 |
| CWC 1000 016 V2 | 16 | 80 | 64 | 0.75 |
| CWC 1000 019 V2 | 19 | 86 | 67 | 0.78 |
| CWC 1000 025 V2 | 25 | 98 | 73 | 0.83 |
| CWC 1000 032 V2 | 32 | 112 | 80 | 0.89 |
| CWC 1000 038 V2 | 38 | 124 | 86 | 0.94 |
| CWC 1000 050 V2 | 50 | 148 | 98 | 1.04 |
| CWC 1000 063 V2 | 63 | 174 | 111 | 1.15 |
| CWC 1000 075 V2 | 75 | 198 | 123 | 1.25 |
| CWC 1000 080 V2 | 80 | 208 | 128 | 1.29 |
| CWC 1000 100 V2 | 100 | 248 | 148 | 1.46 |
| CWC 1000 125 V2 | 125 | 298 | 173 | 1.67 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CWC 1000 050 V2 | 150 | 2175 | 920 | 1600 |
| CWC-H 1000 050 V2 | 0 | 0 | --- | --- |

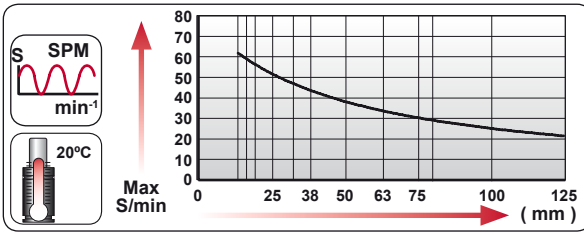


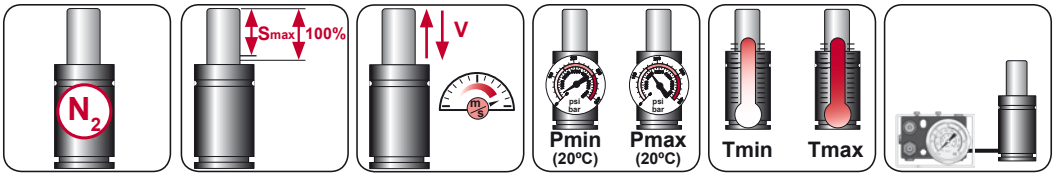

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CWC 1000 50

CWC 1000 050 V2



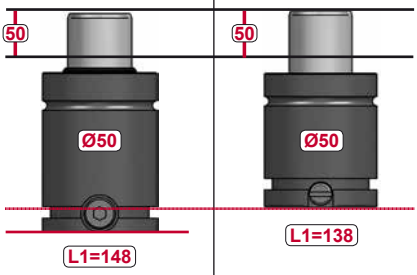

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CWC 1000 V2

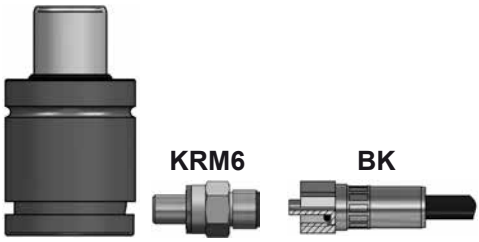
*Compact Height*



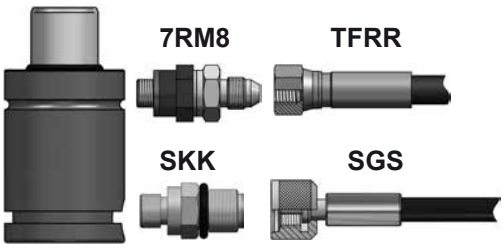




| MODEL | CWC 1000 | CW 1000 |
|---|---|---|

## CW




## CWC

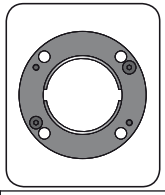


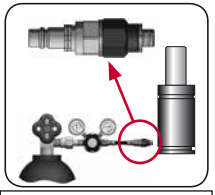












| CODE | | CWC 1000 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

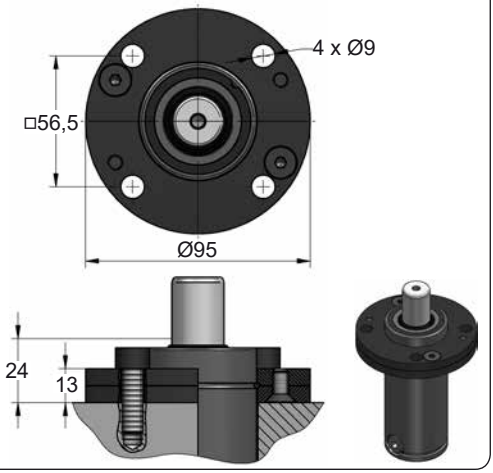
# CW/CWC 1000 V2 MOUNTS

*Compact Height*

AZOL GAS

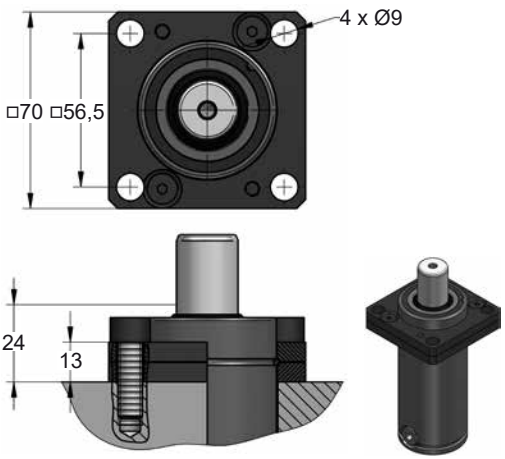
## A14-050

ISO E24.54.815.G EM24.54.700/F

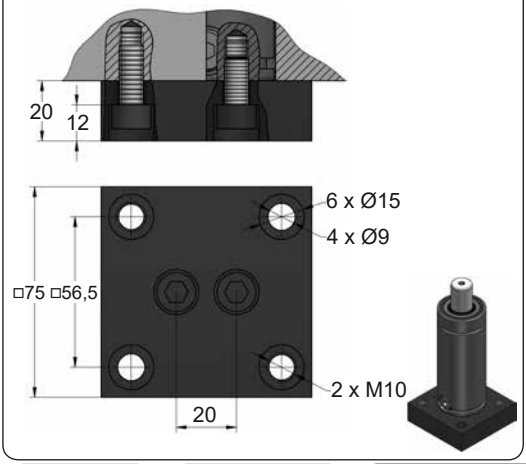



## A34-050

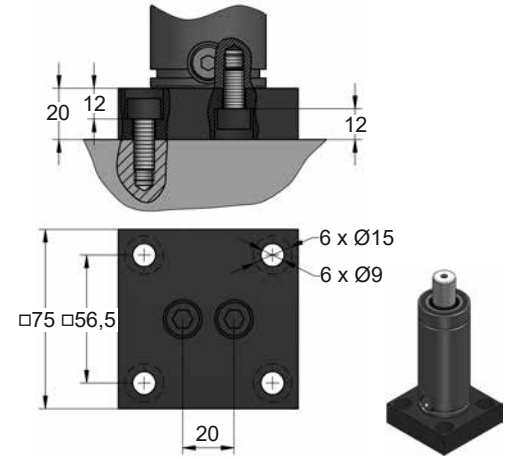
ISO VDI




## B36-050




## B41-050

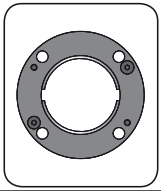


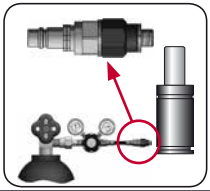












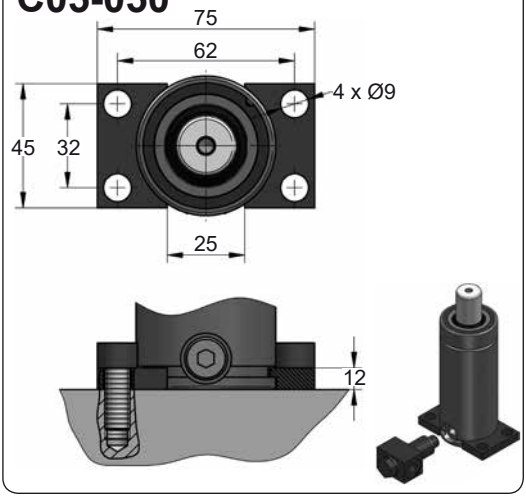
| CODE | | CWC 1000 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# CW/CWC 1000 V2 MOUNTS

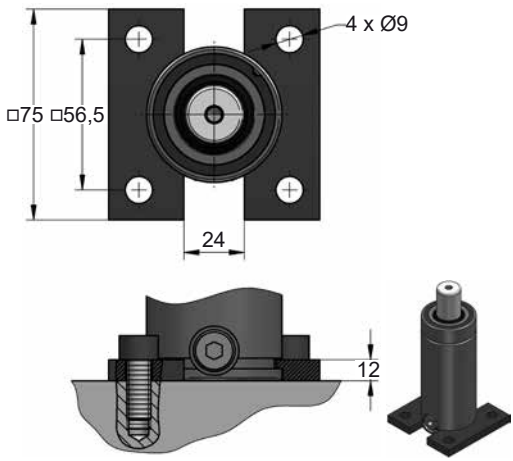
*Compact Height*

## C05-050



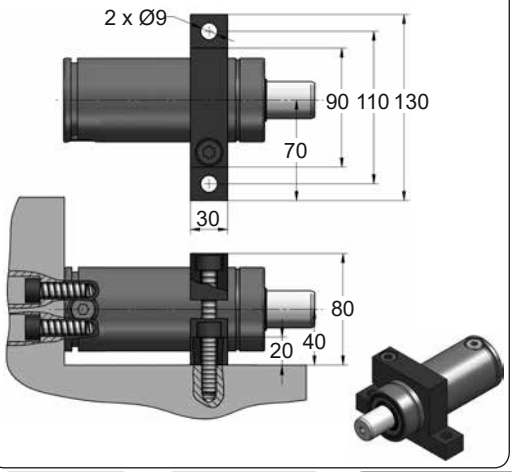

## C20-050

ISO VDI E24.54.815.G EM24.54.700/F



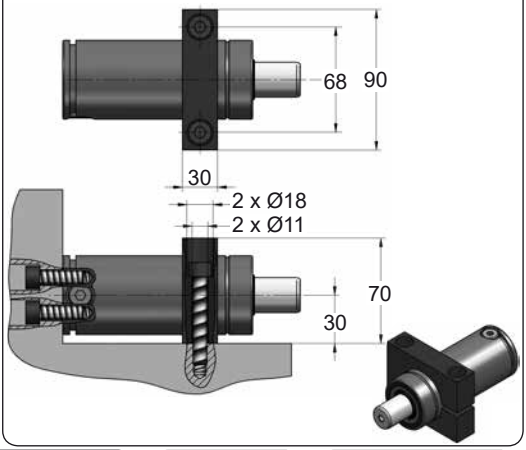

## D02-050

ISO E24.54.815.G EM24.54.700/F




## D67-050

VDI

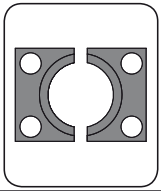


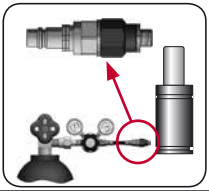












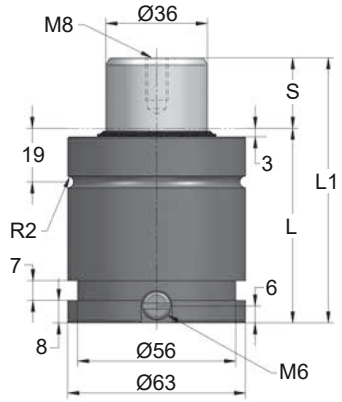
| CODE | | CWC 1000 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

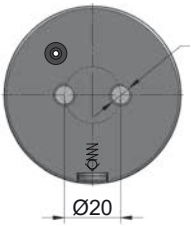
# CW 1500

*Compact Height*

| | | | |
|---|---|---|---|
| **BMW** | B2 4005 | **FORD** | W-DX35-6204 |
| **MB** | B8 3180 220 000 004 | | |
| **VW** | 39D 997 | | |

AZOL GAS




> Pmax

> S

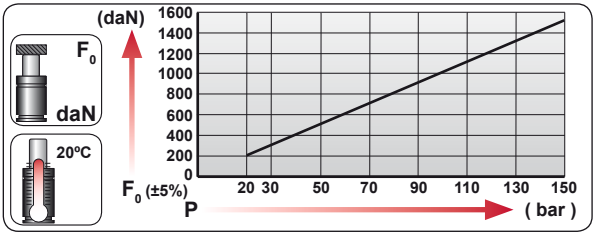
> Vmax

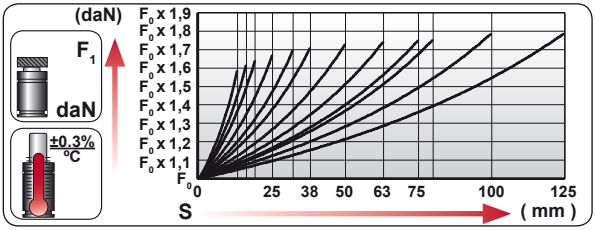
| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CW 1500 013 | 13 | 70 | 57 | 0.99 |
| CW 1500 016 | 16 | 76 | 60 | 1.02 |
| CW 1500 019 | 19 | 82 | 63 | 1.06 |
| CW 1500 025 | 25 | 94 | 69 | 1.14 |
| CW 1500 032 | 32 | 108 | 76 | 1.23 |
| CW 1500 038 | 38 | 120 | 82 | 1.31 |
| CW 1500 050 | 50 | 144 | 94 | 1.46 |
| CW 1500 063 | 63 | 170 | 107 | 1.63 |
| CW 1500 075 | 75 | 194 | 119 | 1.78 |
| CW 1500 080 | 80 | 204 | 124 | 1.85 |
| CW 1500 100 | 100 | 244 | 144 | 2.11 |
| CW 1500 125 | 125 | 294 | 169 | 2.43 |

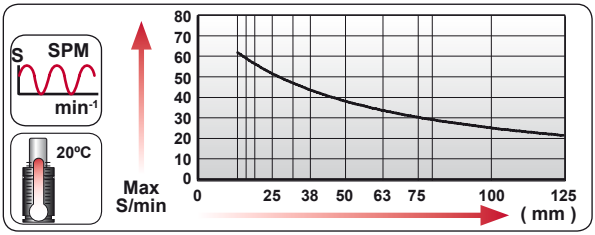
PED APPROVED

ISO 11901

VDI 3003




| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CW 1500 050 | | 150 | 2175 | 1530 | 2640 |
| CW-H 1500 050 | | 0 | 0 | --- | --- |

VDI 3003

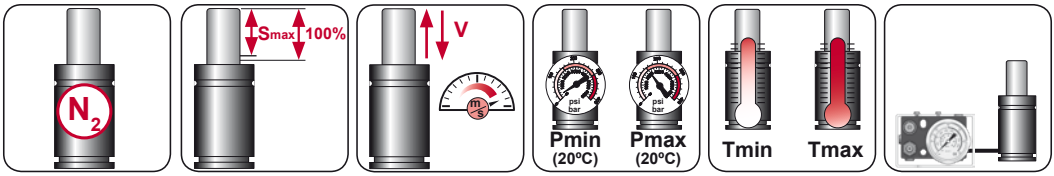
EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

CW 1500 050

$F_0$ daN: 1500

S mm: 50

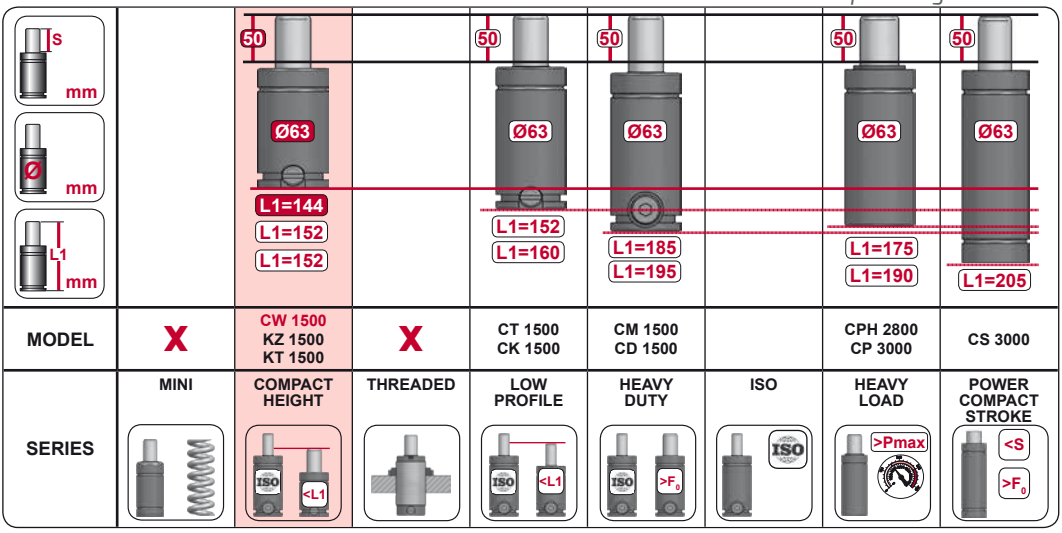



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

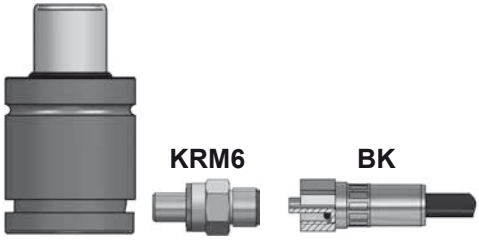
# CW 1500

*Compact Height*

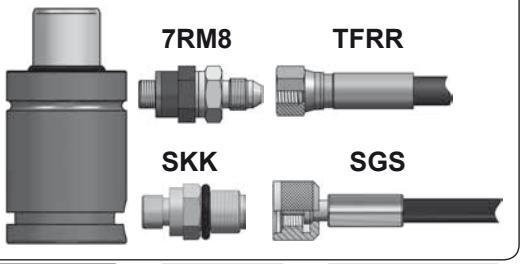



| MODEL | X | CW 1500<br>KZ 1500<br>KT 1500 | X | CT 1500<br>CK 1500 | CM 1500<br>CD 1500 | | CPH 2800<br>CP 3000 | CS 3000 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## CW




## CWC

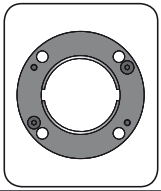


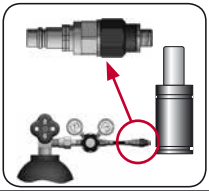










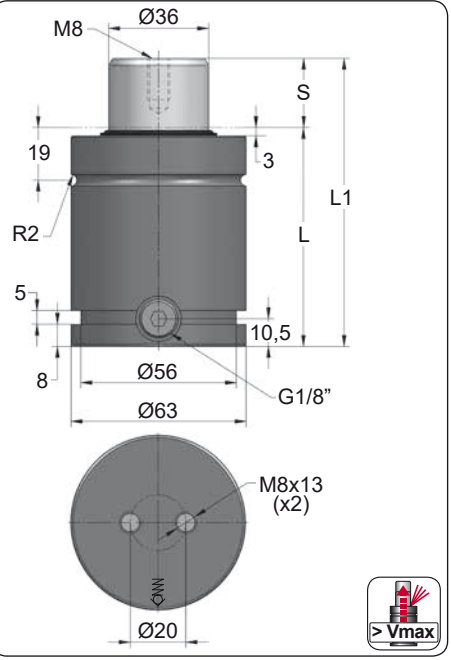


| CODE | | CW 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-063 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

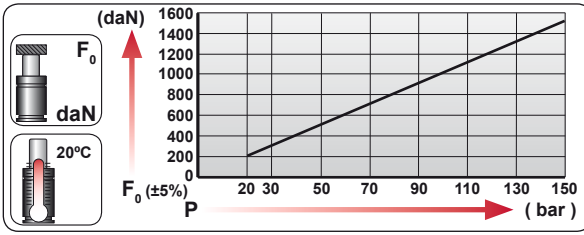
# CWC 1500

*Compact Height*

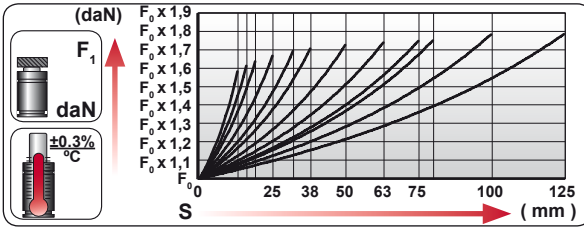
AZOL GAS



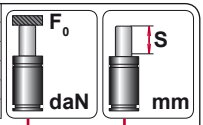

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CWC 1500 013 | 13 | 80 | 67 | 1.22 |
| CWC 1500 016 | 16 | 86 | 70 | 1.26 |
| CWC 1500 019 | 19 | 92 | 73 | 1.30 |
| CWC 1500 025 | 25 | 104 | 79 | 1.37 |
| CWC 1500 032 | 32 | 118 | 86 | 1.46 |
| CWC 1500 038 | 38 | 130 | 92 | 1.54 |
| CWC 1500 050 | 50 | 154 | 104 | 1.70 |
| CWC 1500 063 | 63 | 180 | 117 | 1.86 |
| CWC 1500 075 | 75 | 204 | 129 | 2.02 |
| CWC 1500 080 | 80 | 214 | 134 | 2.08 |
| CWC 1500 100 | 100 | 254 | 154 | 2.34 |
| CWC 1500 125 | 125 | 304 | 179 | 2.66 |




| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CWC 1500 050 | | 150 | 2175 | 1530 | 2640 |
| CWC-H 1500 050 | | 0 | 0 | --- | --- |

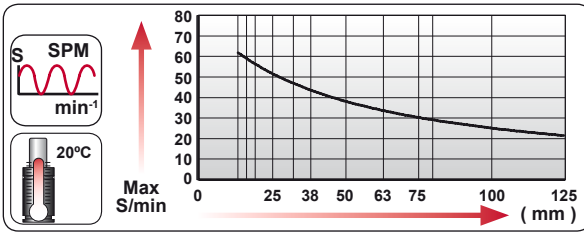


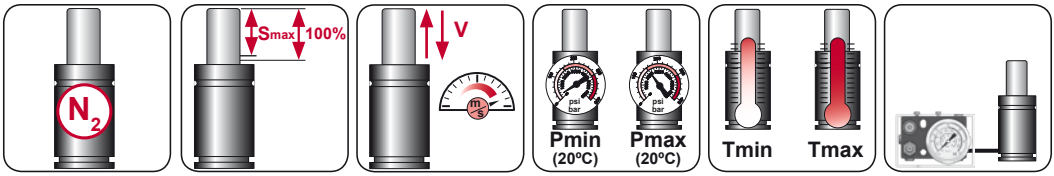

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CWC 1500 50

CWC 1500 050



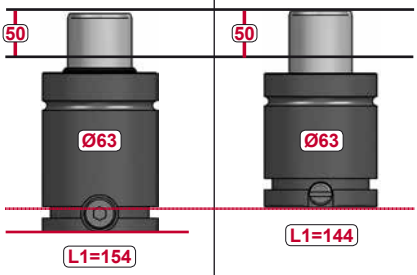

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CWC 1500

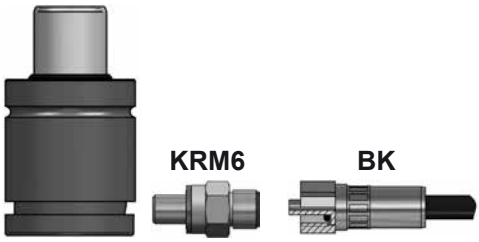
*Compact Height*



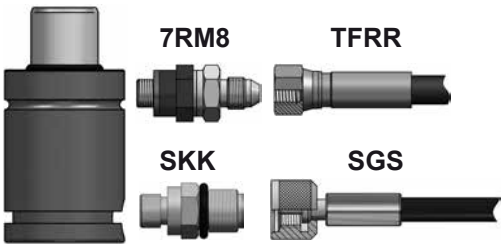




| MODEL | CWC 1500 | CW 1500 |
|---|---|---|

## CW




## CWC

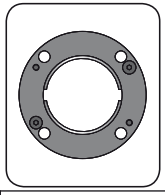


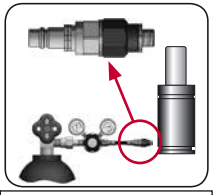












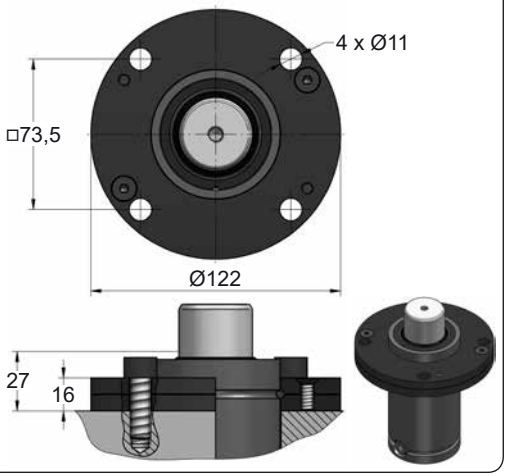
| CODE | | CWC 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CW/CWC 1500 MOUNTS

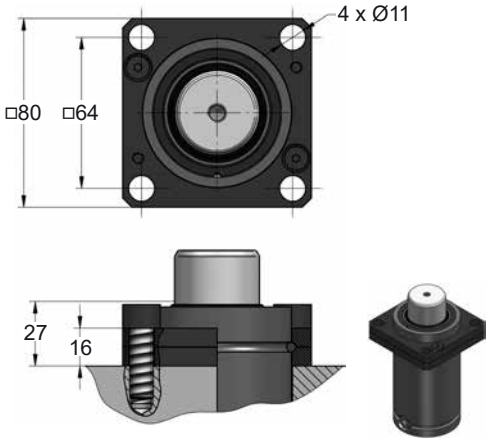
*Compact Height*

AZOL GAS

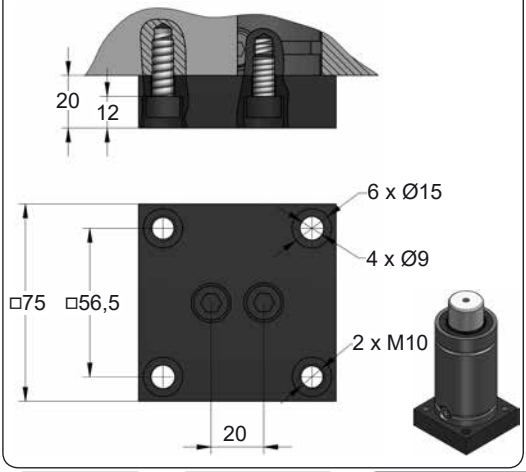
## A14-063



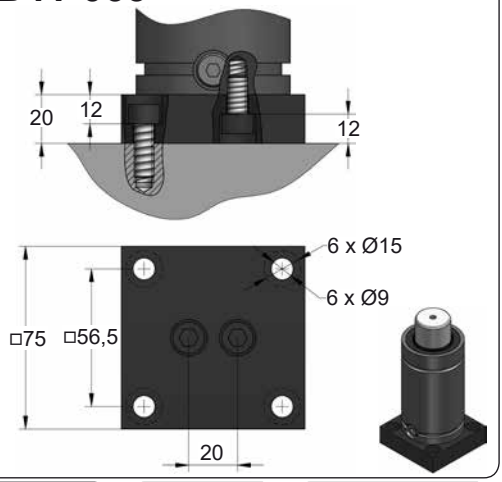

## A69-063




## B36-063




## B41-063

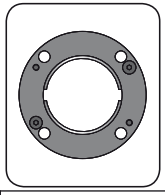


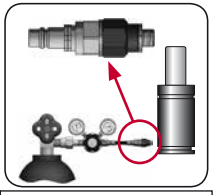












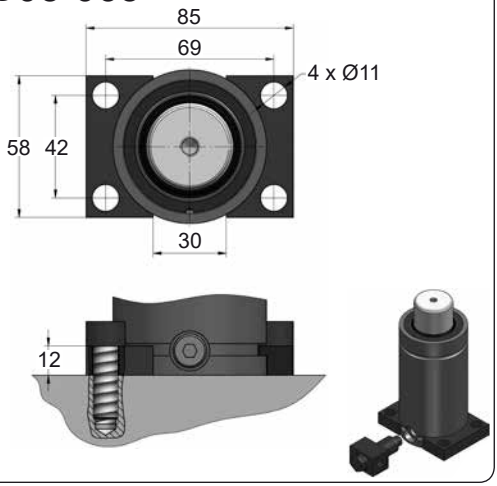
| CODE | | CWC 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

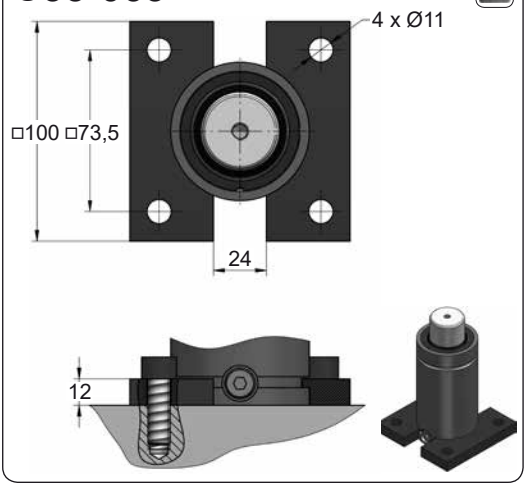
# CW/CWC 1500 MOUNTS

*Compact Height*

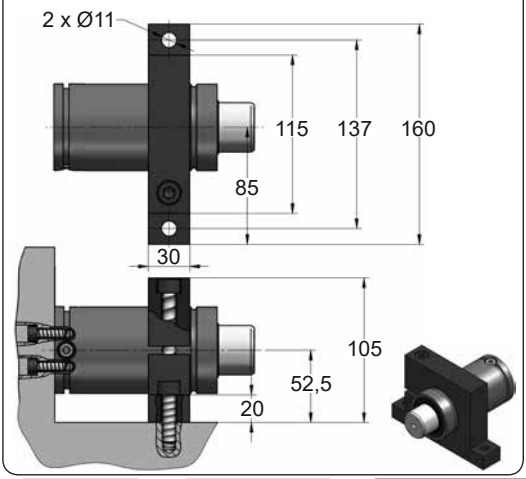
## C05-063



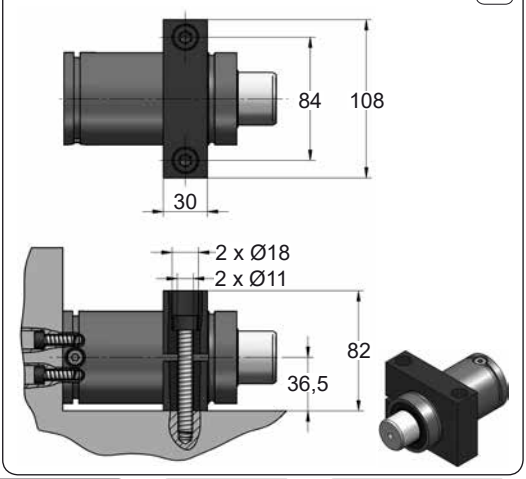

## C35-063




## D02-063




## D67-063

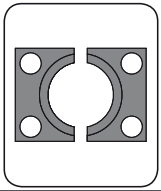


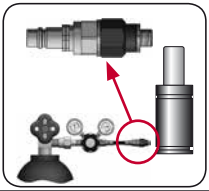












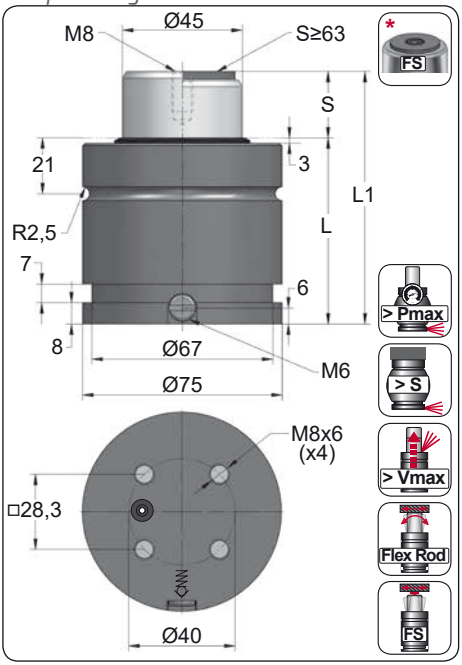
| CODE | | CWC 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CW 2400 V1

*Compact Height*

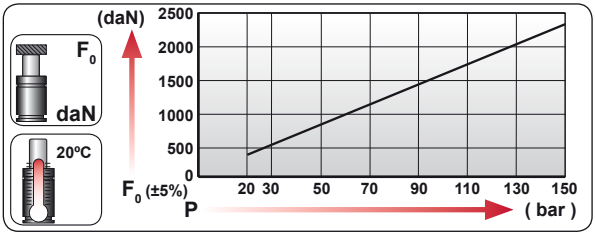
| | | | | | |
|---|---|---|---|---|---|
| BMW | B2 4005 | FORD | W-DX35-6204 | PSA | E24.54.815.G |
| MB | B8 3180 220 000 004 | GM | 90.25.08 | | |
| VW | 39D 997 | | | | |

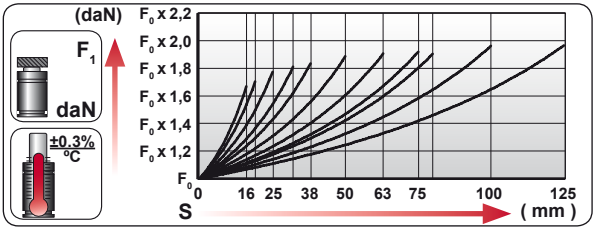
AZOL GAS

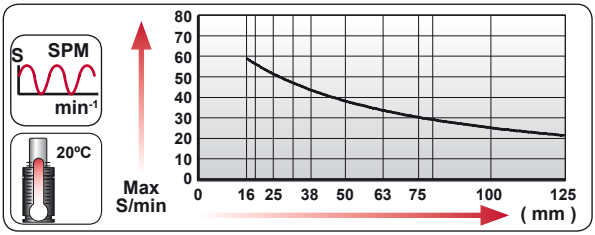



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CW 2400 016 V1 | 16 | 77 | 61 | 1.48 |
| CW 2400 019 V1 | 19 | 83 | 64 | 1.54 |
| CW 2400 025 V1 | 25 | 95 | 70 | 1.64 |
| CW 2400 032 V1 | 32 | 109 | 77 | 1.76 |
| CW 2400 038 V1 | 38 | 121 | 83 | 1.86 |
| CW 2400 050 V1 | 50 | 145 | 95 | 2.07 |
| CW 2400 063 V1 * | 63 | 171 | 108 | 2.29 |
| CW 2400 075 V1 * | 75 | 195 | 120 | 2.50 |
| CW 2400 080 V1 * | 80 | 205 | 125 | 2.58 |
| CW 2400 100 V1 * | 100 | 245 | 145 | 2.92 |
| CW 2400 125 V1 * | 125 | 295 | 170 | 3.35 |

PED 2014/68/EU · ISO 11901 · VDI 3003 · CNOMO EM.24.54



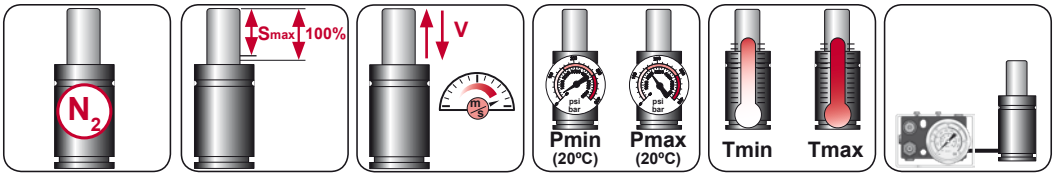

| CODE | | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|---|
| CW 2400 050 V1 | | 150 | 2175 | 2385 | 4500 |
| CW-H 2400 050 V1 | | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN: 2400 — S mm: 50

CW 2400 050 V1




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CW 2400 V1

*Compact Height*

| | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |
|---|---|---|---|---|---|---|---|---|
| MODEL | X | CW 2400<br>KZ 2400<br>KT 2400 | X | CT 2500<br>CK 2500<br>FD 1500 | GN 1500<br>CM 2500<br>CD 2400 | AG 1500 | CPH 4300<br>CP 5000 | CS 4700 |
| L1 mm | | L1=145<br>L1=159<br>L1=159 | | L1=154<br>L1=160<br>L1=160 | L1=185<br>L1=195<br>L1=210 | L1=210 | L1=175<br>L1=200 | L1=240 |

## CW










## CWC

























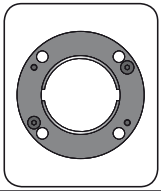


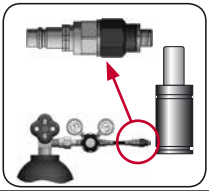










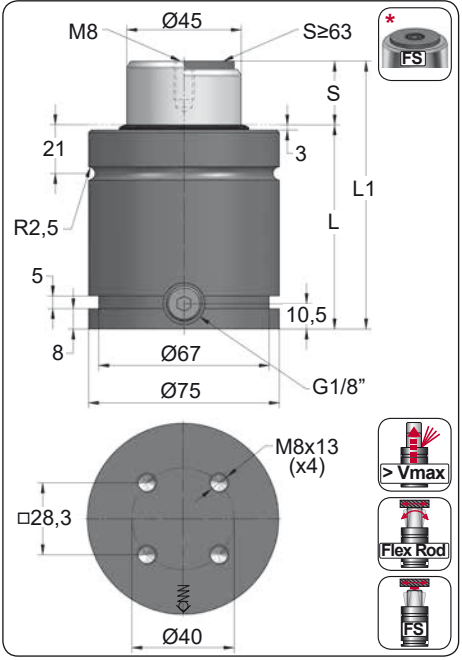


| CODE | | CW 2400 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-075 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

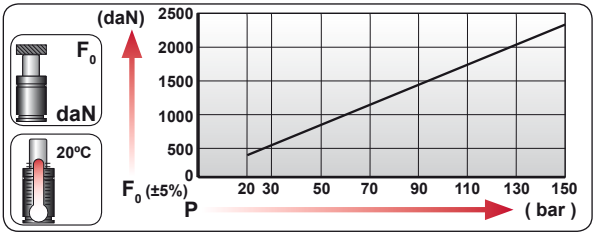
# CWC 2400 V2

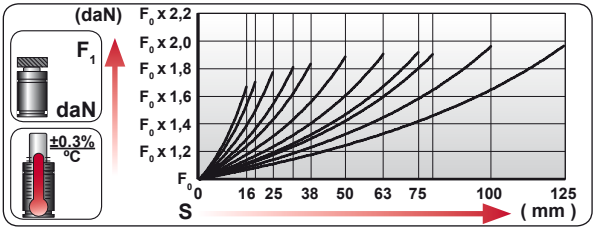
*Compact Height*

AZOL GAS



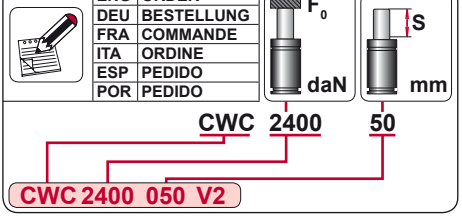

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CWC 2400 016 V2 | 16 | 87 | 71 | 1.80 |
| CWC 2400 019 V2 | 19 | 93 | 74 | 1.85 |
| CWC 2400 025 V2 | 25 | 105 | 80 | 1.95 |
| CWC 2400 032 V2 | 32 | 119 | 87 | 2.07 |
| CWC 2400 038 V2 | 38 | 131 | 93 | 2.18 |
| CWC 2400 050 V2 | 50 | 155 | 105 | 2.38 |
| CWC 2400 063 V2 * | 63 | 181 | 118 | 2.61 |
| CWC 2400 075 V2 * | 75 | 205 | 130 | 2.81 |
| CWC 2400 080 V2 * | 80 | 215 | 135 | 2.90 |
| CWC 2400 100 V2 * | 100 | 255 | 155 | 3.24 |
| CWC 2400 125 V2 * | 125 | 305 | 180 | 3.67 |

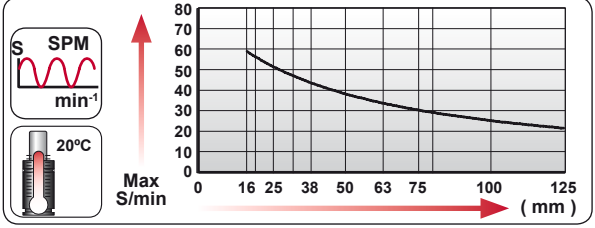


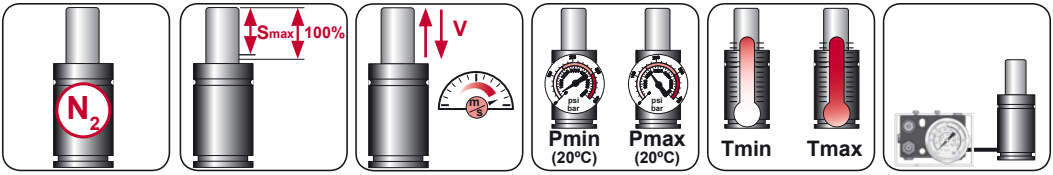




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CWC 2400 050 V2 | 150 | 2175 | 2385 | 4500 |
| CWC-H 2400 050 V2 | 0 | 0 | --- | --- |

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



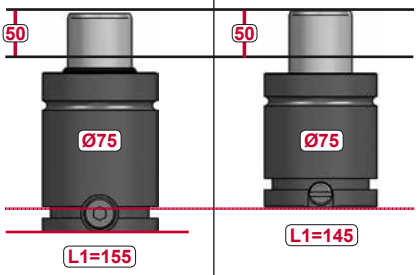

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CWC 2400 V2

*Compact Height*




| MODEL | CWC 2400 | CW 2400 |
|---|---|---|

## CW



CW



KRM6



BK

## CWC



CWC



DRM8



TNRR



9RM8



MCRR



7RM8



TFRR



SKK

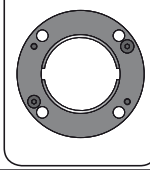


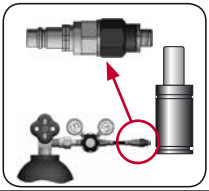
SGS









| CODE | | CWC 2400 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

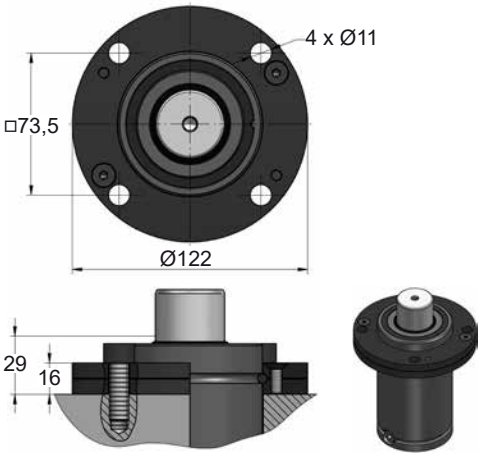
# CW 2400 V1 /CWC 2400 V2 *MOUNTS*

*Compact Height*

AZOL GAS

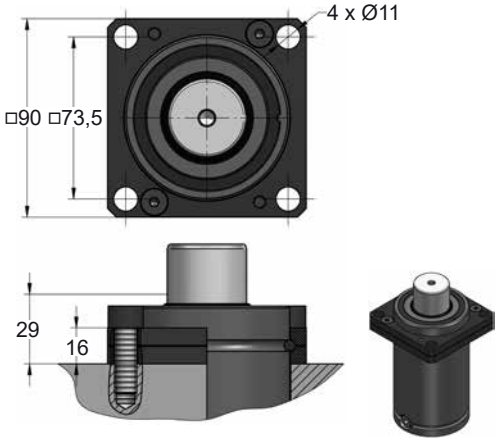
## A14-075

ISO E24.54.815.G EM24.54.700/F

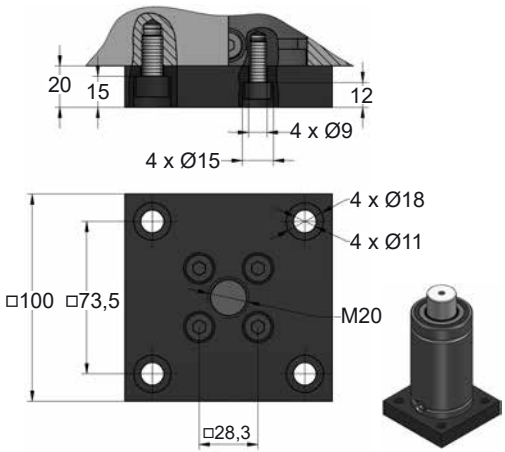



## A34-075

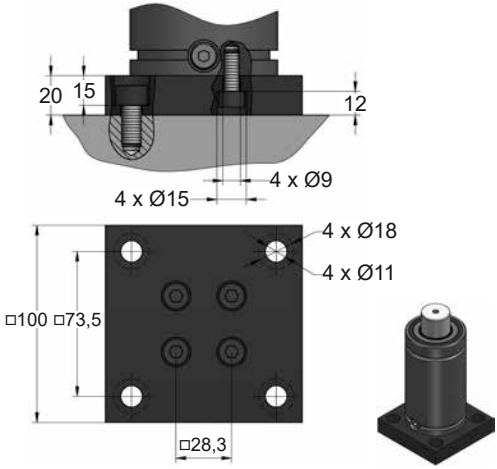
ISO VDI




## B36-075




## B41-075

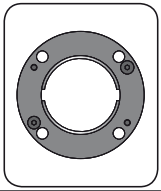


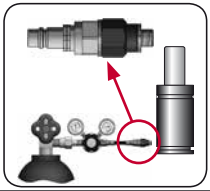












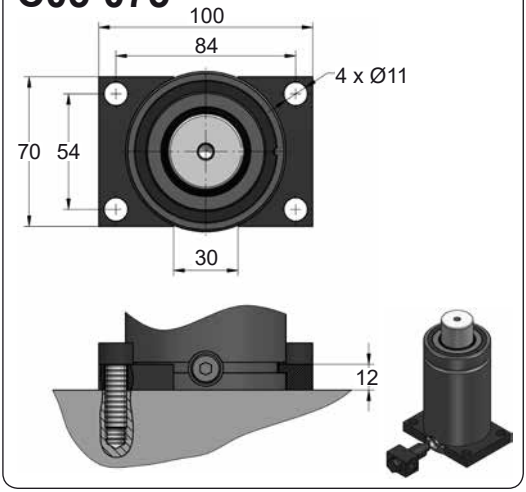
| CODE | | CWC 2400 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# CW 2400 V1/CWC 2400 V2 *MOUNTS*

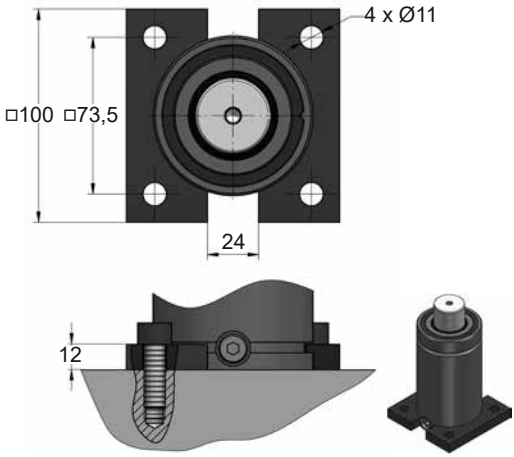
*Compact Height*

## C05-075



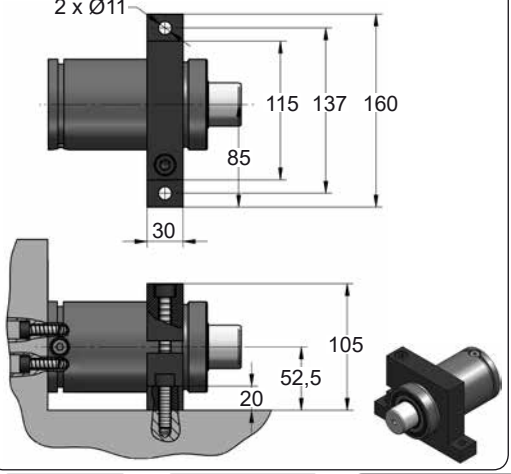

## C20-075

E24.54.815.G
EM24.54.700/F

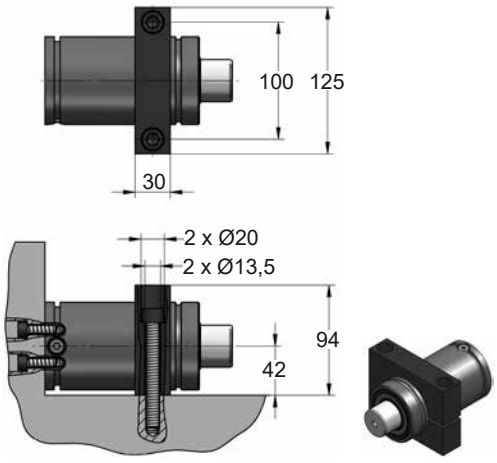



## D02-075

E24.54.815.G
EM24.54.700/F




## D67-075

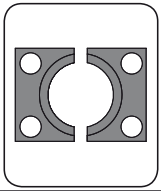


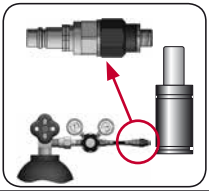












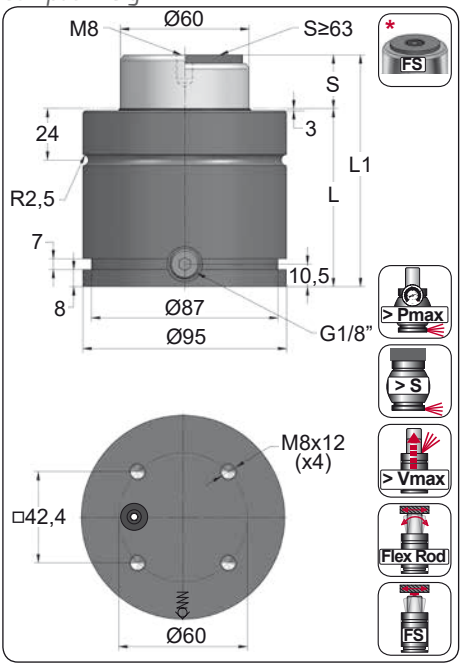
| CODE | | CWC 2400 050 V2 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CW 4200 V1

*Compact Height*

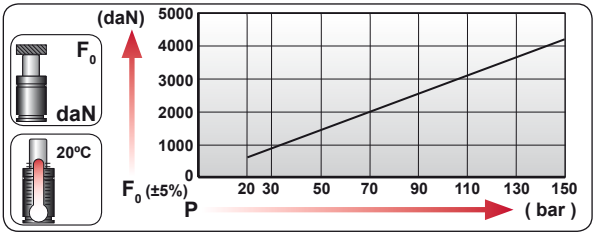
| | | | | | |
|---|---|---|---|---|---|
| **BMW** | B2 4005 | **FORD** | W-DX35-6204 | **PSA** | E24.54.815.G |
| **MB** | B8 3180 220 000 004 | **GM** | 90.25.08 | | |
| **VW** | 39D 997 | | | | |

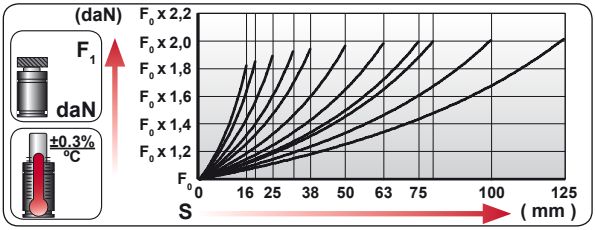
AZOL GAS

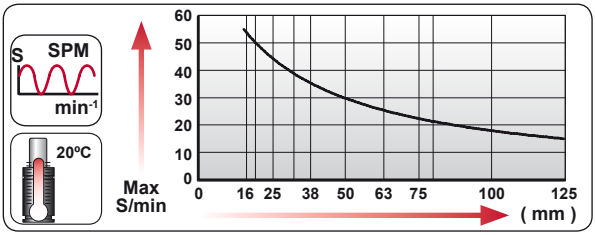



| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CW 4200 016 V1 | 16 | 90 | 74 | 3.04 |
| CW 4200 019 V1 | 19 | 96 | 77 | 3.12 |
| CW 4200 025 V1 | 25 | 108 | 83 | 3.29 |
| CW 4200 032 V1 | 32 | 122 | 90 | 3.49 |
| CW 4200 038 V1 | 38 | 134 | 96 | 3.66 |
| CW 4200 050 V1 | 50 | 158 | 108 | 4.01 |
| CW 4200 063 V1 * | 63 | 184 | 121 | 4.38 |
| CW 4200 075 V1 * | 75 | 208 | 133 | 4.72 |
| CW 4200 080 V1 * | 80 | 218 | 138 | 4.86 |
| CW 4200 100 V1 * | 100 | 258 | 158 | 5.43 |
| CW 4200 125 V1 * | 125 | 308 | 183 | 6.15 |

PED 2014/68/EU · ISO 11901 · VDI 3003 · CNOMO EM.24.54



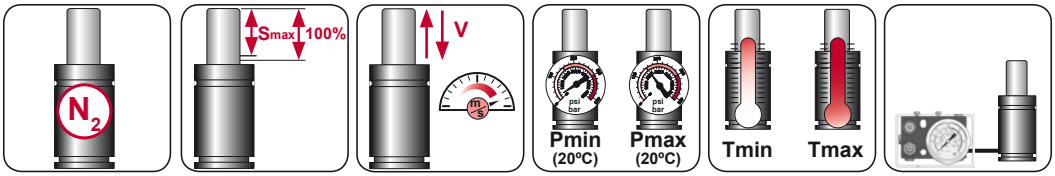

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CW 4200 050 V1 | | 150 | 2175 | 4240 | 8335 |
| CW-H 4200 050 V1 | | 0 | 0 | - - - | - - - |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: 4200 — S mm: 50

**CW 4200 050 V1**

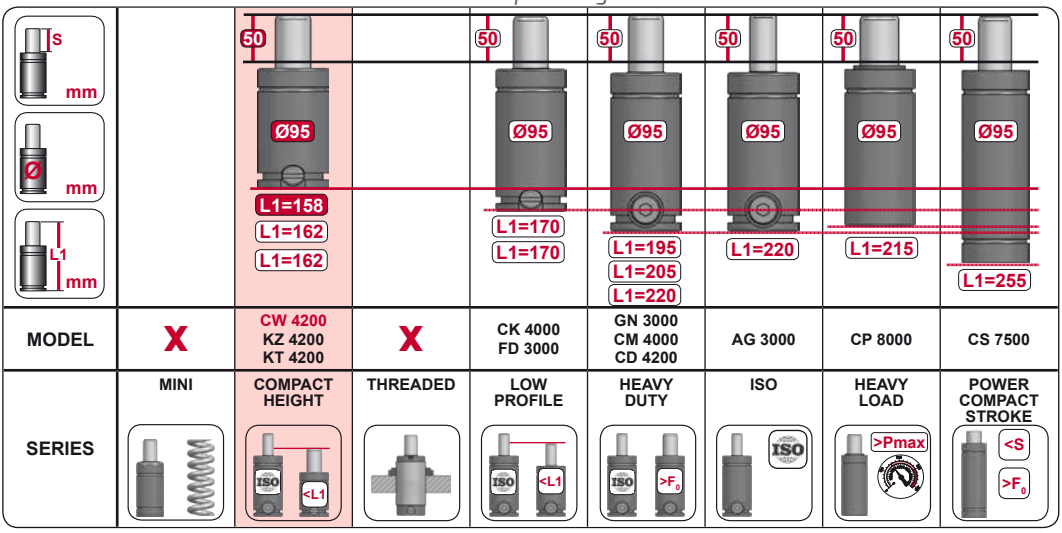



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CW 4200 V1 MOUNTS

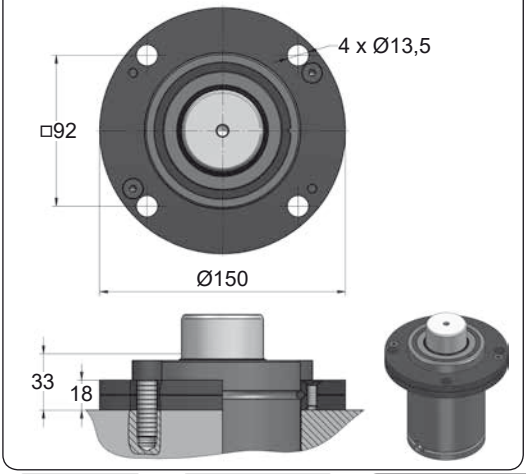
*Compact Height*




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **MODEL** | X | CW 4200<br>KZ 4200<br>KT 4200 | X | CK 4000<br>FD 3000 | GN 3000<br>CM 4000<br>CD 4200 | AG 3000 | CP 8000 | CS 7500 |
| **SERIES** | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

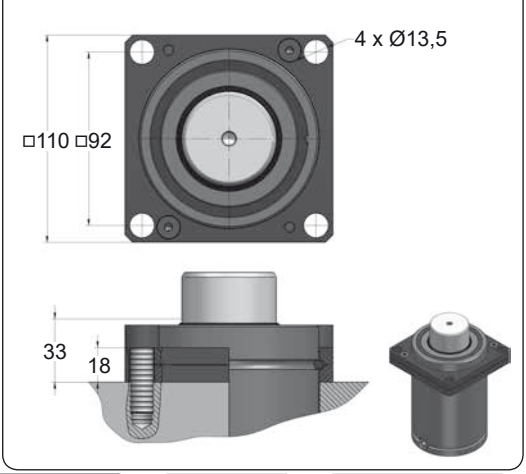
## A14-095

ISO E24.54.815.G EM24.54.700/F




## A34-095

ISO VDI

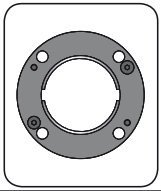


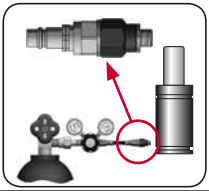












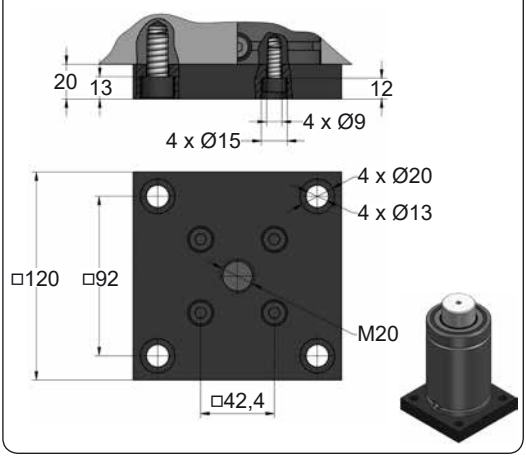
| CODE | | CW 4200 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CW 4200 V1 MOUNTS

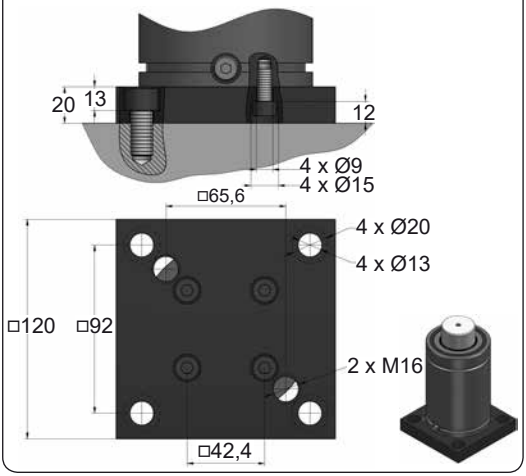
*Compact Height*

AZOL GAS

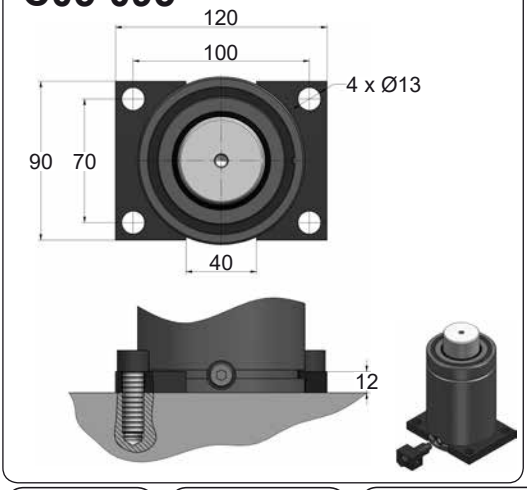
## B36-095



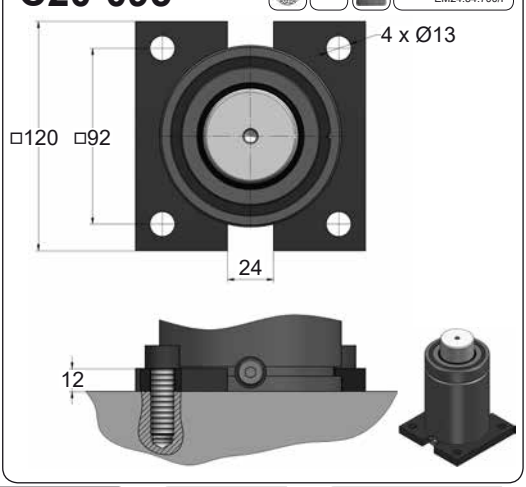

## B41-095




## C05-095




## C20-095

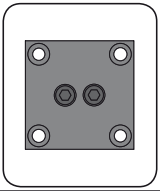


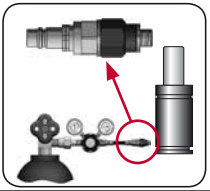












| CODE | | CW 4200 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B36-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

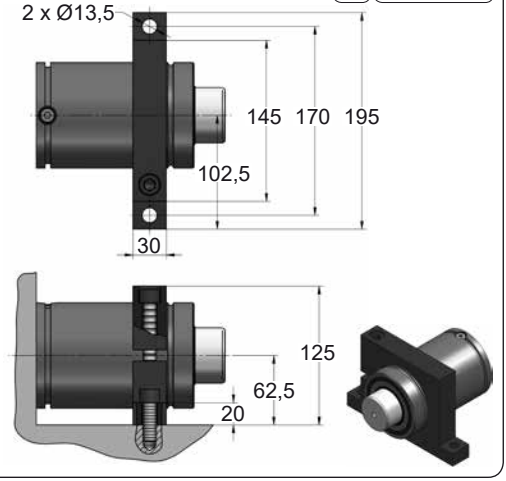
AZOL GAS

# CW 4200 V1 MOUNTS

*Compact Height*

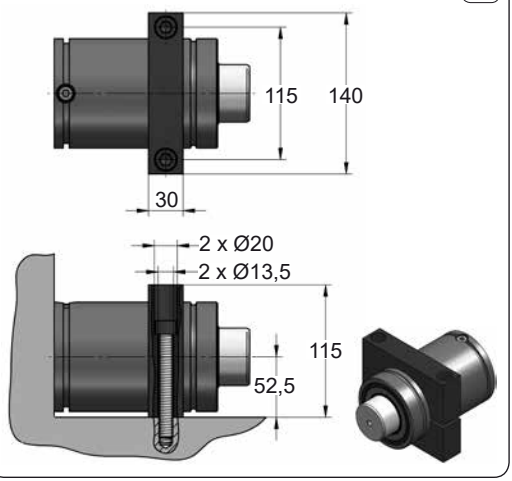
## D02-095

ISO E24.54.815.G EM24.54.700/F

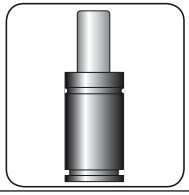



## D67-095

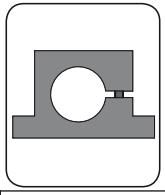
VDI

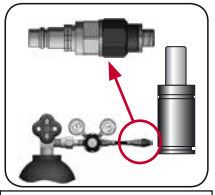








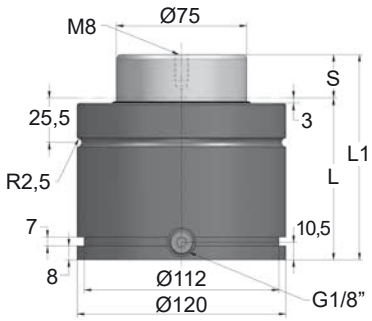
| CODE | | CW 4200 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

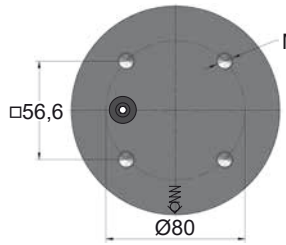
# CW 6600

*Compact Height*

| | | | | | |
|---|---|---|---|---|---|
| **BMW** | B2 4005 | **FORD** | W-DX35-6204 | | |
| **MB** | B8 3180 220 000 004 | **GM** | 90.25.08 | | |
| **VW** | 39D 997 | | | | |

AZOL GAS




> Pmax

> S

> Vmax

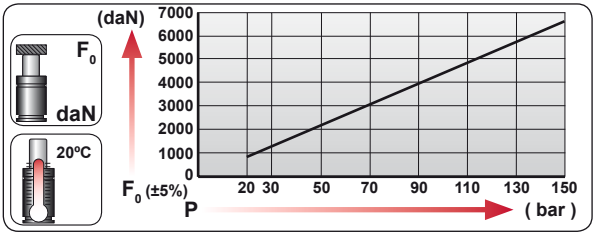
Flex Rod

| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CW 6600 016 | 16 | 100 | 84 | 5.55 |
| CW 6600 019 | 19 | 106 | 87 | 5.69 |
| CW 6600 025 | 25 | 118 | 93 | 5.97 |
| CW 6600 032 | 32 | 132 | 100 | 6.29 |
| CW 6600 038 | 38 | 144 | 106 | 6.57 |
| CW 6600 050 | 50 | 168 | 118 | 7.13 |
| CW 6600 063 | 63 | 194 | 131 | 7.73 |
| CW 6600 075 | 75 | 218 | 143 | 8.29 |
| CW 6600 080 | 80 | 228 | 148 | 8.52 |
| CW 6600 100 | 100 | 268 | 168 | 9.45 |
| CW 6600 125 | 125 | 318 | 193 | 10.61 |

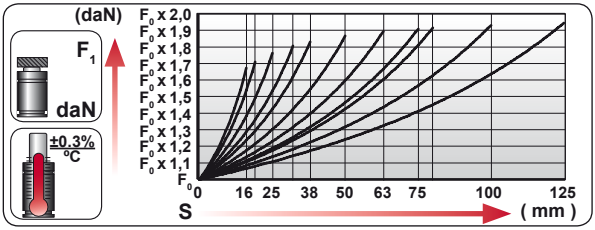
PED 97/23/EC

ISO 11901

VDI 3003

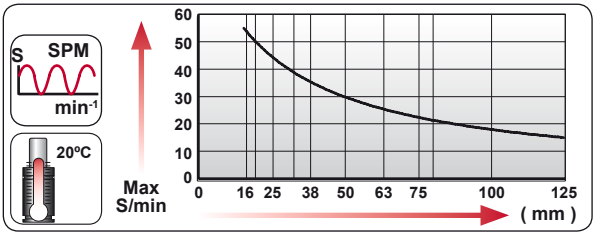



| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CW 6600 050 | 150 | 2175 | 6630 | 12380 |
| CW-H 6600 050 | 0 | 0 | --- | --- |




VDI 3003

EQUIPPED WITH VDI - SAFETY

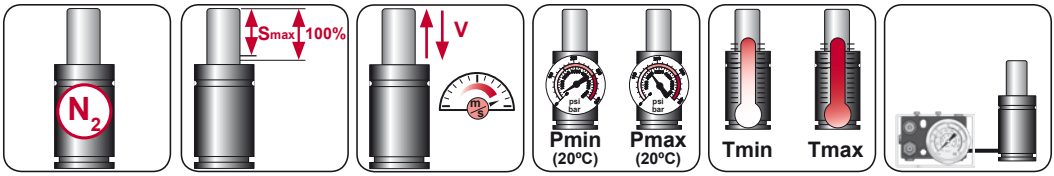



| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN 6600

S mm 50

CW 6600 050

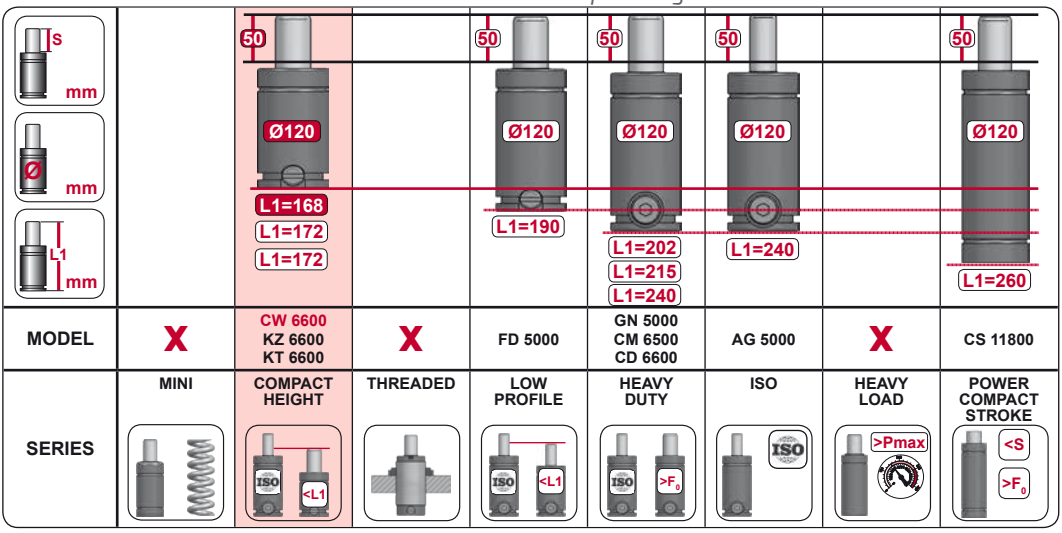



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CW 6600 MOUNTS

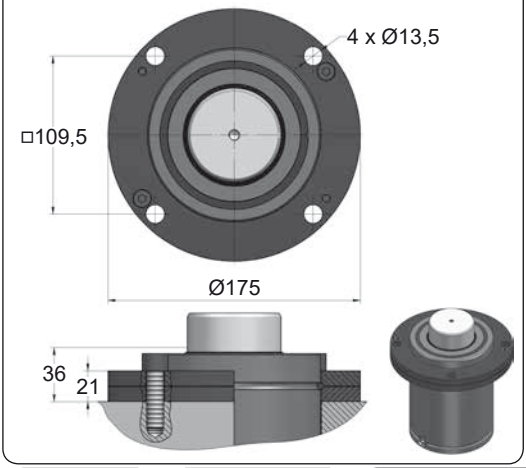
*Compact Height*



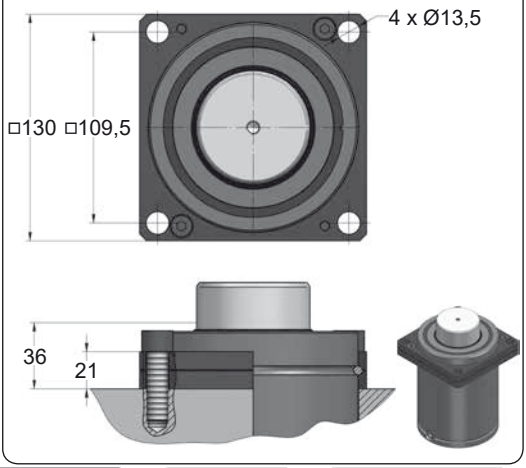

| MODEL | X | CW 6600 KZ 6600 KT 6600 | X | FD 5000 | GN 5000 CM 6500 CD 6600 | AG 5000 | X | CS 11800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## A14-120

E24.54.815.G
EM24.54.700/F




## A34-120

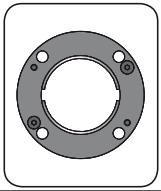


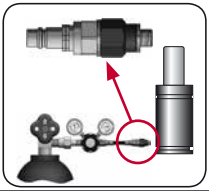












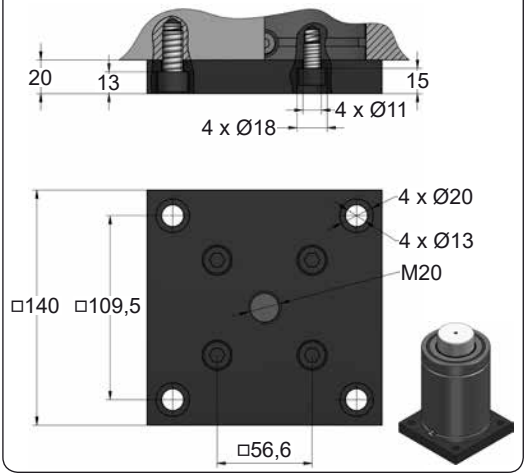
| CODE | | CW 6600 050 | KIT S-XXXXXXX KIT C-XXXXXXX | A14-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CW 6600 MOUNTS

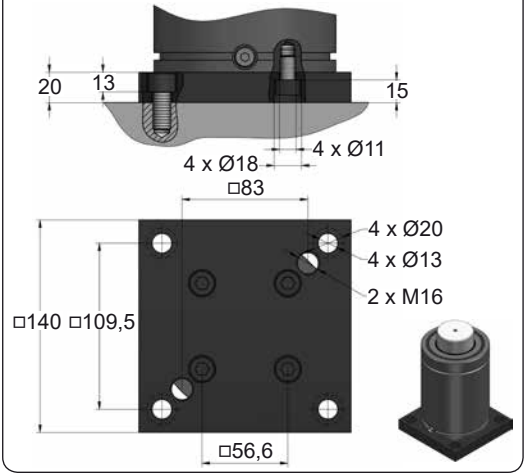
*Compact Height*

AZOL GAS

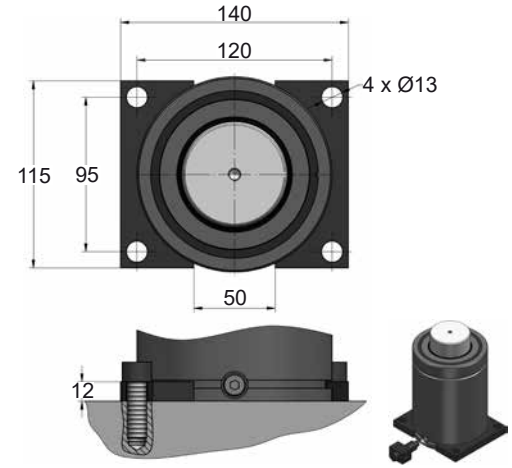
## B36-120




## B41-120

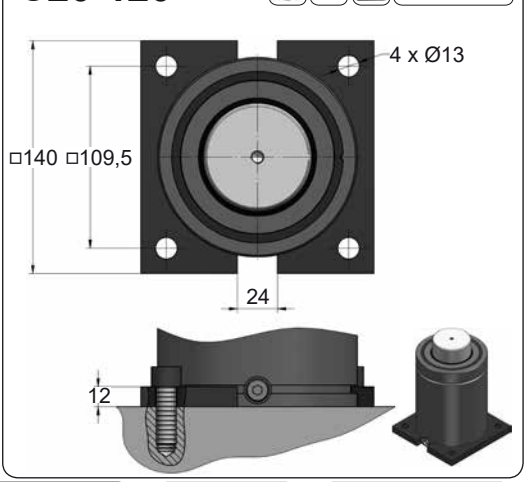



## C05-120




## C20-120

E24.54.815.G
EM24.54.700/F

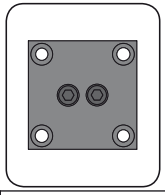


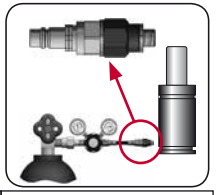












| CODE | | CW 6600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B36-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

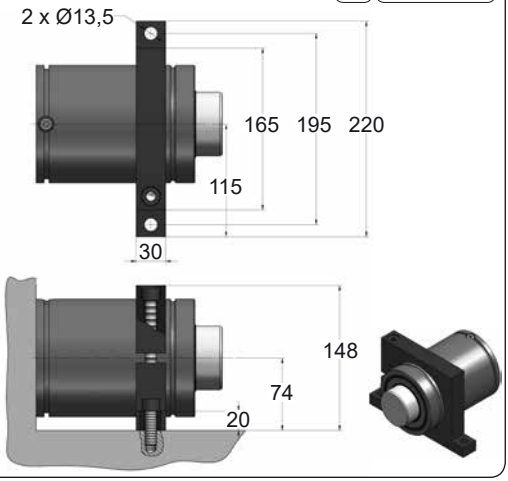
AZOL GAS

# CW 6600 MOUNTS

*Compact Height*

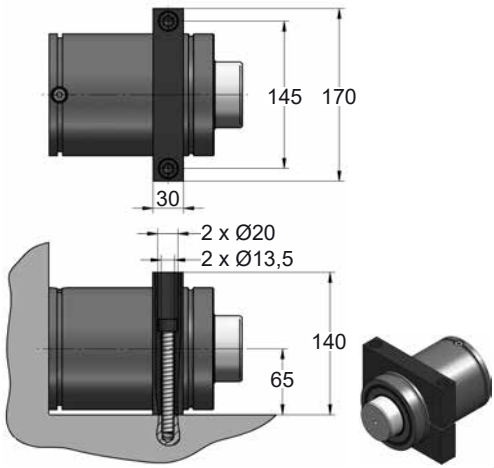
## D02-120

ISO E24.54.815.G EM24.54.700/F

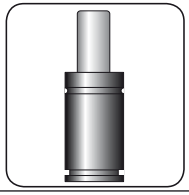



## D67-120

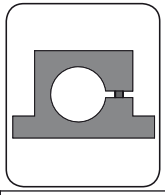
VDI

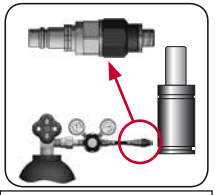








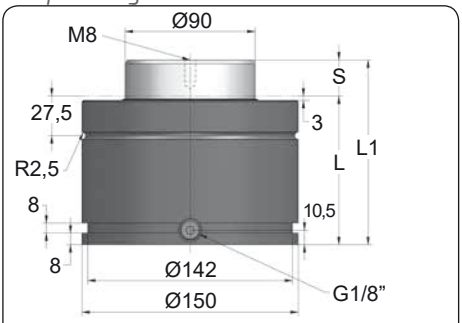
| CODE | | CW 6600 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

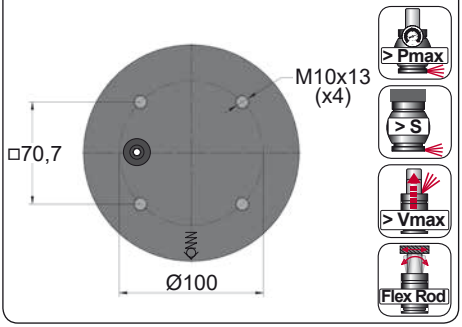
# CW 9500

*Compact Height*

| | | | | |
|---|---|---|---|---|
| **BMW** | B2 4005 | **FORD** | W-DX35-6204 | |
| **MB** | B8 3180 220 000 004 | **GM** | 90.25.08 | |
| **VW** | 39D 997 | | | |

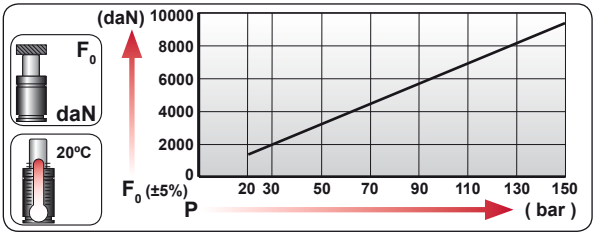
AZOL GAS

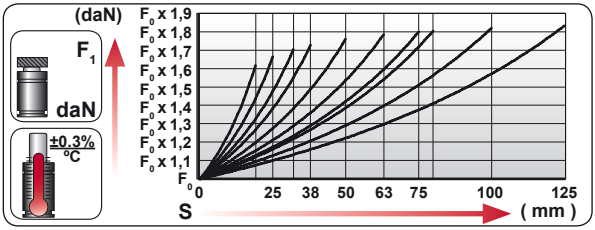


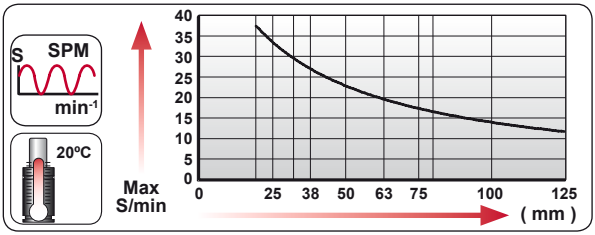




| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CW 9500 019 | 19 | 116 | 97 | 9.74 |
| CW 9500 025 | 25 | 128 | 103 | 10.14 |
| CW 9500 032 | 32 | 142 | 110 | 10.60 |
| CW 9500 038 | 38 | 154 | 116 | 11.00 |
| CW 9500 050 | 50 | 178 | 128 | 11.79 |
| CW 9500 063 | 63 | 204 | 141 | 12.66 |
| CW 9500 075 | 75 | 228 | 153 | 13.45 |
| CW 9500 080 | 80 | 238 | 158 | 13.78 |
| CW 9500 100 | 100 | 278 | 178 | 15.11 |
| CW 9500 125 | 125 | 328 | 203 | 16.77 |

PED APPROVED · ISO ISO 11901 · VDI VDI 3003



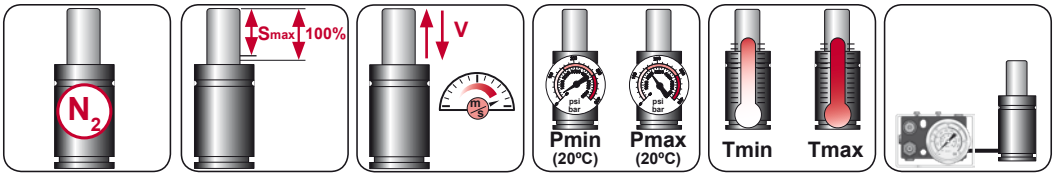

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CW 9500 050 | 150 | 2175 | 9540 | 16800 |
| CW-H 9500 050 | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN: **9500** — S mm: **50**

**CW 9500 050**

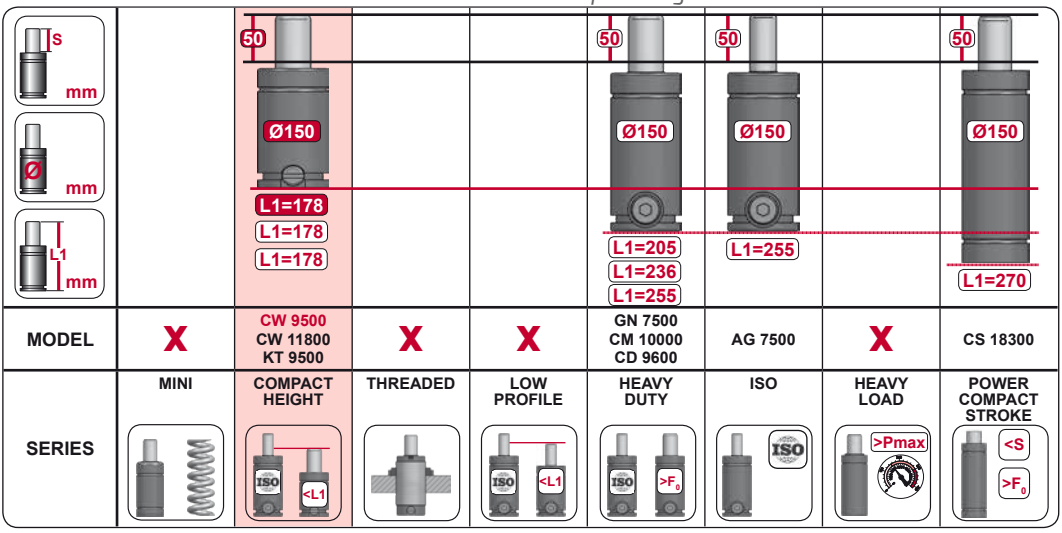



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CW 9500 MOUNTS

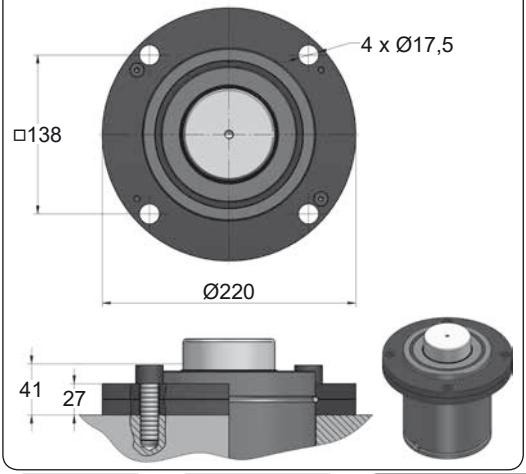
*Compact Height*




| MODEL | X | CW 9500<br>CW 11800<br>KT 9500 | X | X | GN 7500<br>CM 10000<br>CD 9600 | AG 7500 | X | CS 18300 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

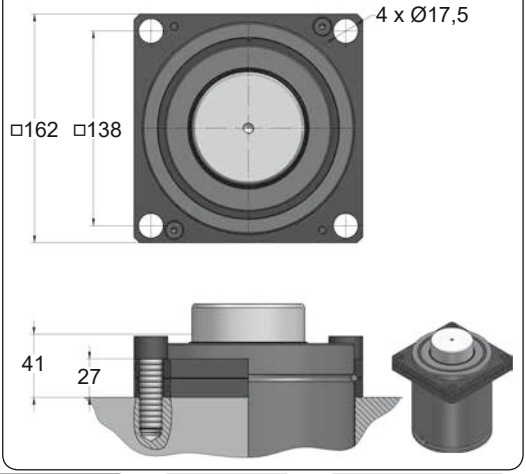
## A14-150

ISO E24.54.815.G EM24.54.700/F




## A34-150

ISO VDI

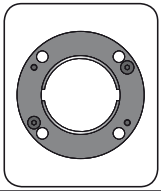


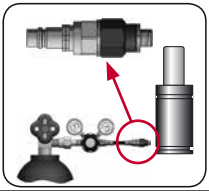












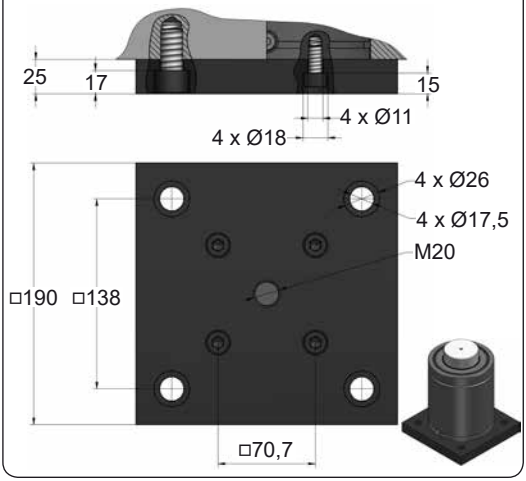
| CODE | | CW 9500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CW 9500 MOUNTS

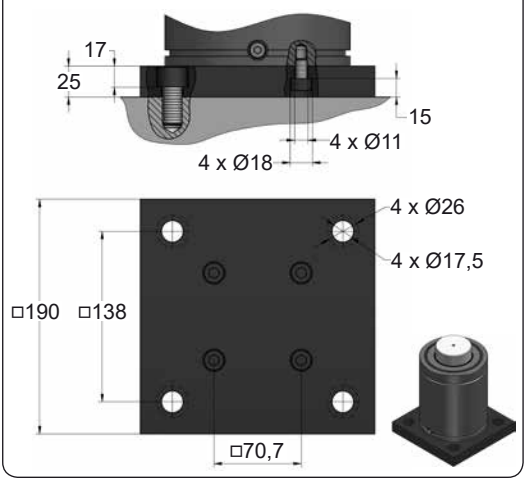
*Compact Height*

AZOL GAS

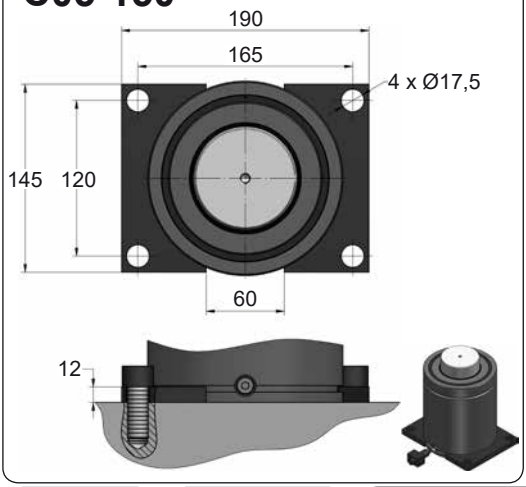
## B36-150




## B41-150

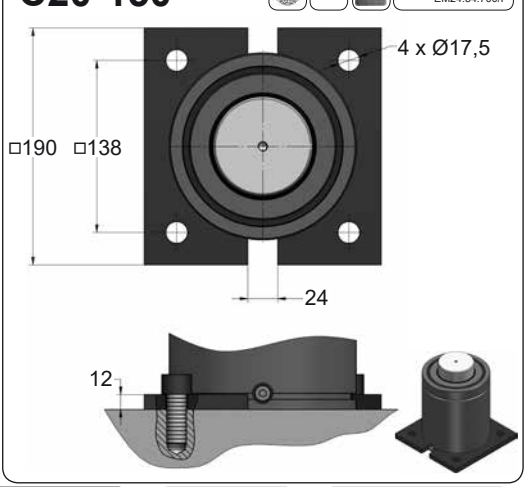



## C05-150




## C20-150

E24.54.815.G
EM24.54.700/F

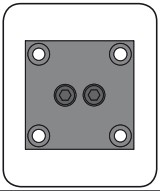


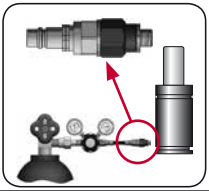












| CODE | | CW 9500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B36-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

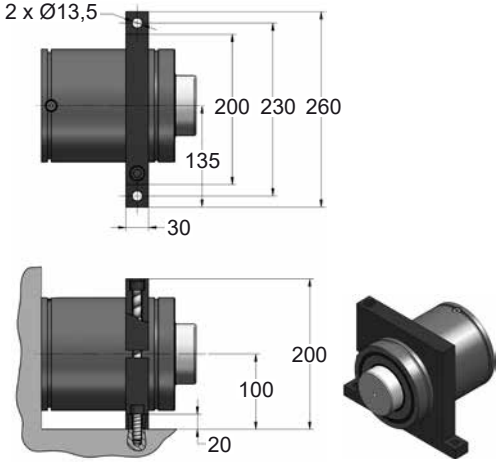
AZOL GAS

# CW 9500 MOUNTS

*Compact Height*

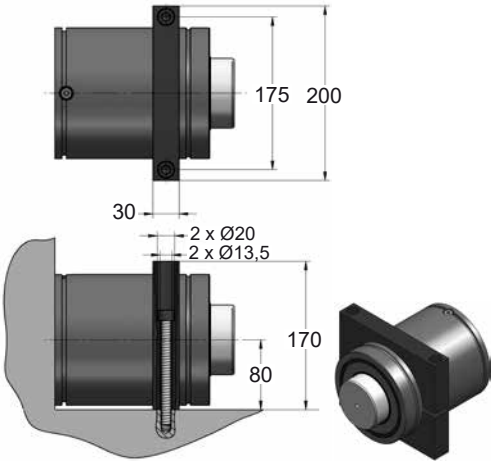
## D02-150

ISO E24.54.815.G




## D67-150

VDI

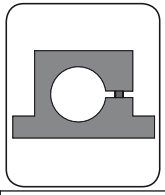


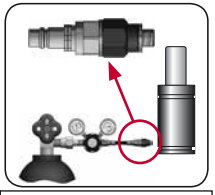










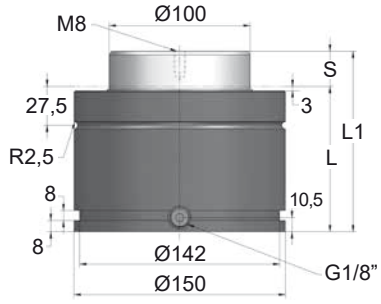


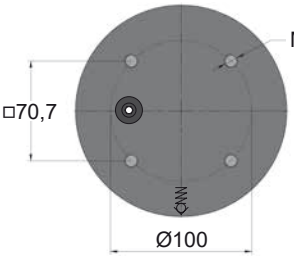
| CODE | | CW 9500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CW 11800

*Compact Height*

AZOL GAS

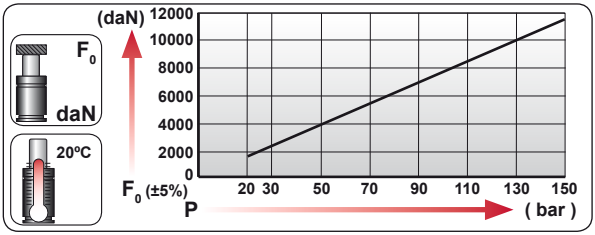


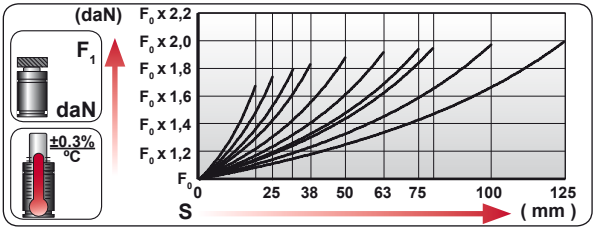



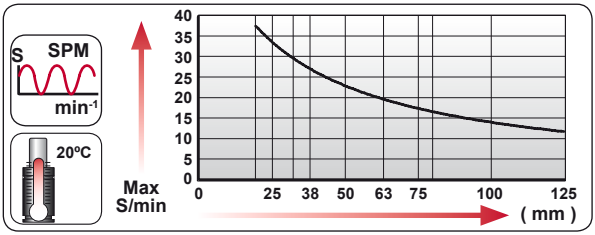




| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CW 11800 019 | 19 | 116 | 97 | 9.61 |
| CW 11800 025 | 25 | 128 | 103 | 10.03 |
| CW 11800 032 | 32 | 142 | 110 | 10.51 |
| CW 11800 038 | 38 | 154 | 116 | 10.93 |
| CW 11800 050 | 50 | 178 | 128 | 11.76 |
| CW 11800 063 | 63 | 204 | 141 | 12.66 |
| CW 11800 075 | 75 | 228 | 153 | 13.49 |
| CW 11800 080 | 80 | 238 | 158 | 13.84 |
| CW 11800 100 | 100 | 278 | 178 | 15.23 |
| CW 11800 125 | 125 | 328 | 203 | 16.96 |



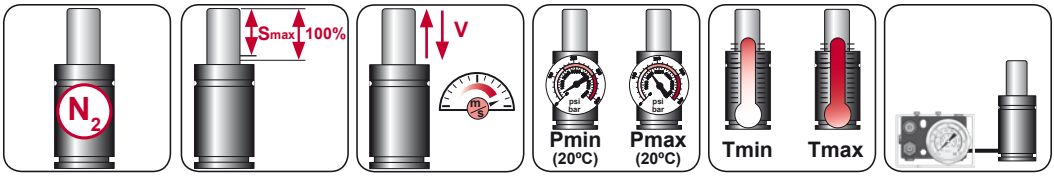




| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| CW 11800 050 | 150 | 2175 | 11780 | 22125 |
| CW-H 11800 050 | 0 | 0 | --- | --- |

VDI 3003 — EQUIPPED WITH VDI - SAFETY

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

CW 11800 050 — F0 daN: 11800 — S mm: 50

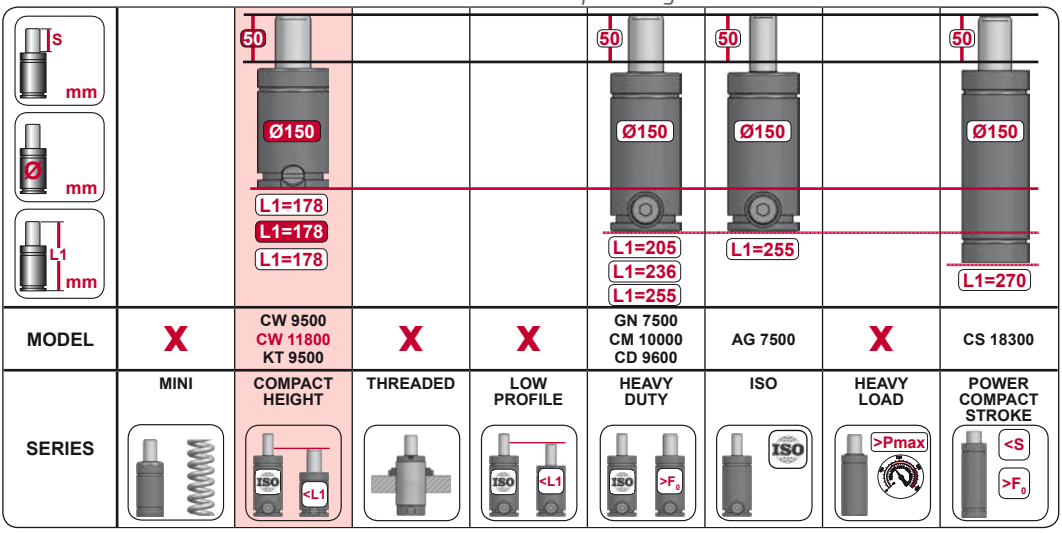



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CW 11800 MOUNTS

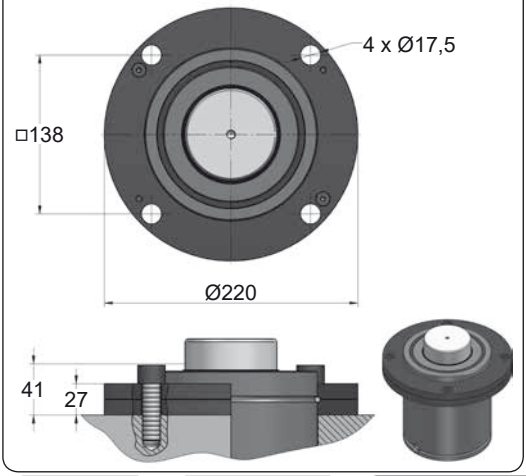
*Compact Height*




| MODEL | X | CW 9500<br>CW 11800<br>KT 9500 | X | X | GN 7500<br>CM 10000<br>CD 9600 | AG 7500 | X | CS 18300 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

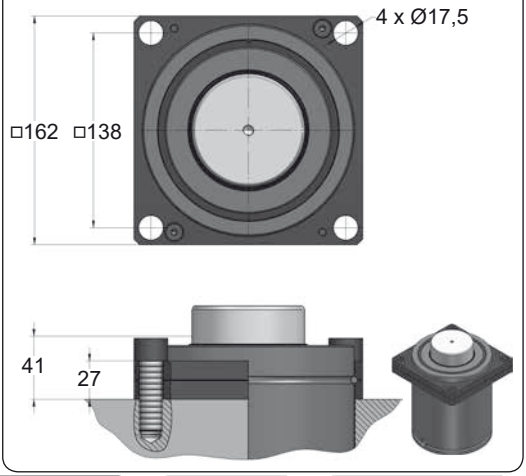
## A14-150

ISO · E24.54.815.G · EM24.54.700/F




## A34-150

ISO · VDI







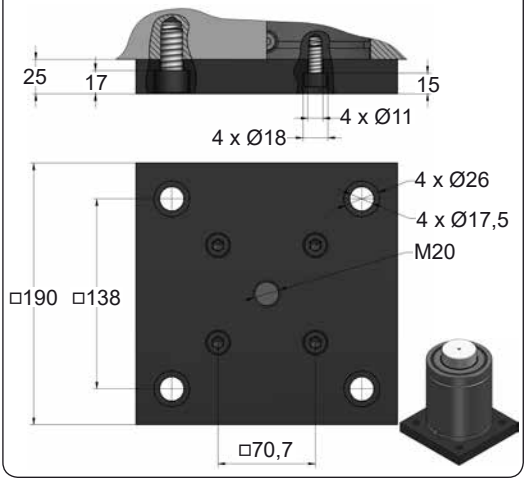
| CODE | | CW 11800 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CW 11800 MOUNTS

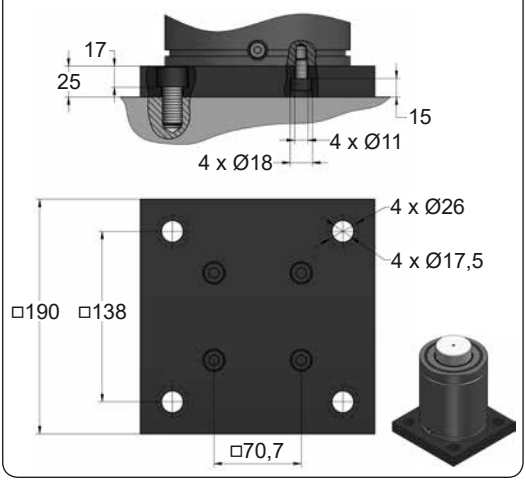
*Compact Height*

AZOL GAS

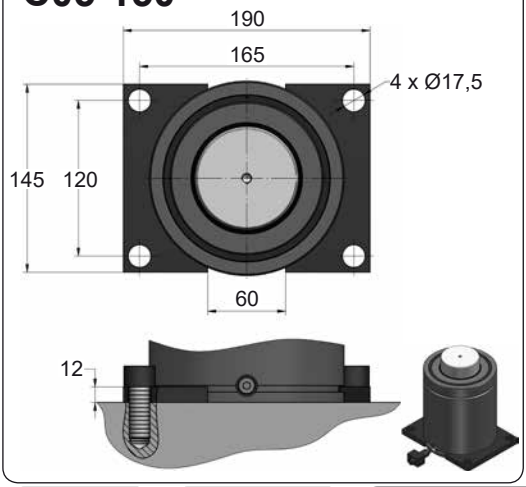
## B36-150




## B41-150

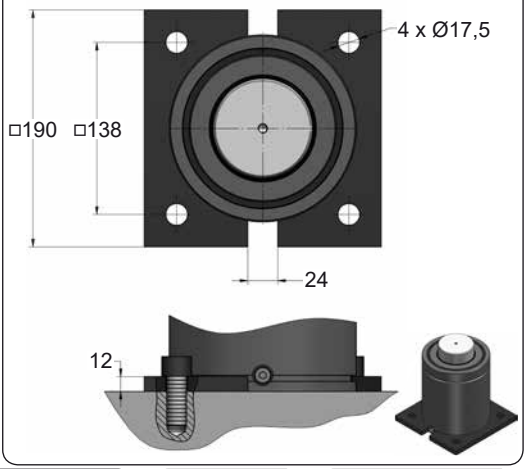



## C05-150




## C20-150

E24.54.815.G
EM24.54.700/F

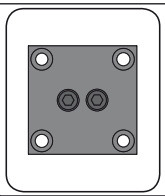


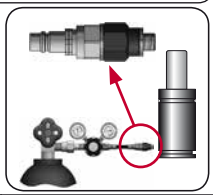












| CODE | | CW 11800 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B36-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

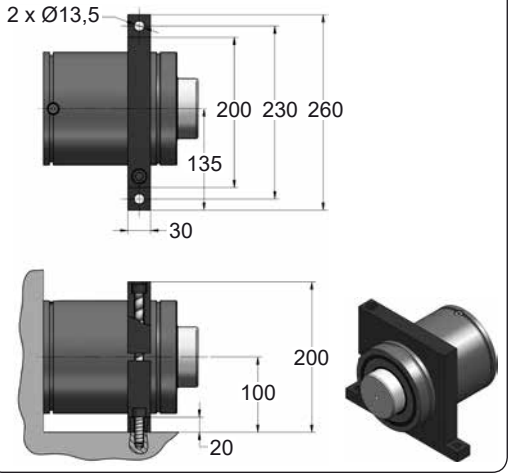
AZOL GAS

# CW 11800 MOUNTS

*Compact Height*

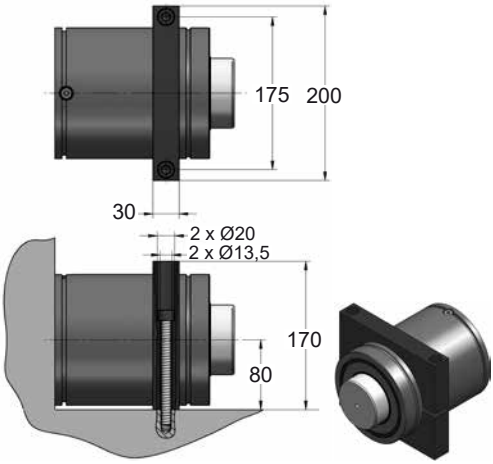
## D02-150

ISO E24.54.815.G




## D67-150

VDI

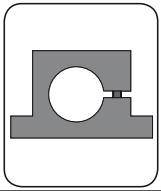


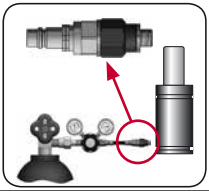












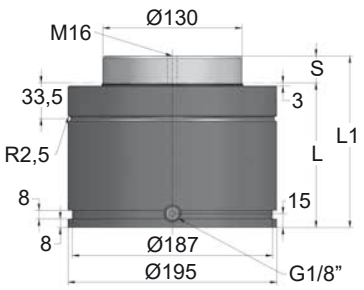
| CODE | | CW 11800 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

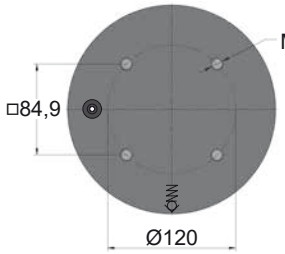
# CW 20000

*Compact Height*

| | | |
|---|---|---|
| | GM 90.25.08 | |

AZOL GAS




> Pmax

> S

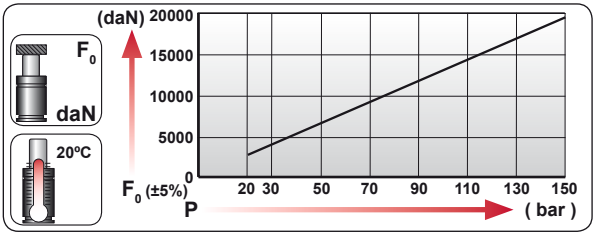
> Vmax

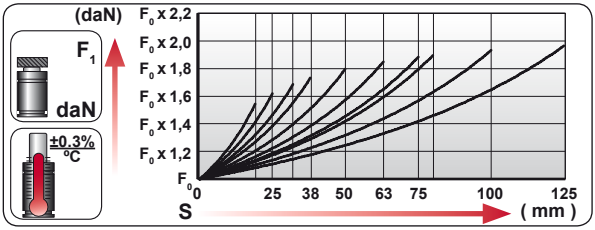
Flex Rod

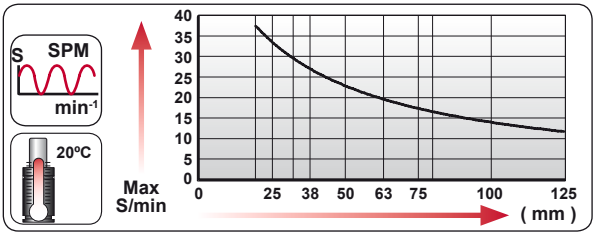
| ORDER | S (mm) | L1 ±0.25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CW 20000 019 | 19 | 148 | 129 | 22.33 |
| CW 20000 025 | 25 | 160 | 135 | 23.04 |
| CW 20000 032 | 32 | 174 | 142 | 23.88 |
| CW 20000 038 | 38 | 186 | 148 | 24.59 |
| CW 20000 050 | 50 | 210 | 160 | 26.02 |
| CW 20000 063 | 63 | 236 | 173 | 27.57 |
| CW 20000 075 | 75 | 260 | 185 | 29.00 |
| CW 20000 080 | 80 | 270 | 190 | 29.60 |
| CW 20000 100 | 100 | 310 | 210 | 31.98 |
| CW 20000 125 | 125 | 360 | 235 | 34.96 |

PED 97/23/EC

ISO 11901




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CW 20000 050 | 150 | 2175 | 19910 | 35790 |
| CW-H 20000 050 | 0 | 0 | --- | --- |

VDI 3003

EQUIPPED WITH VDI - SAFETY

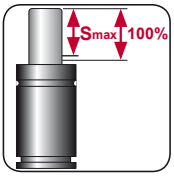
| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

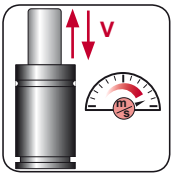
CW 20000 050

$F_0$ daN: 20000

S mm: 50

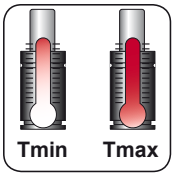


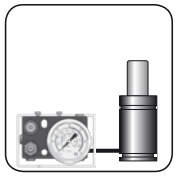









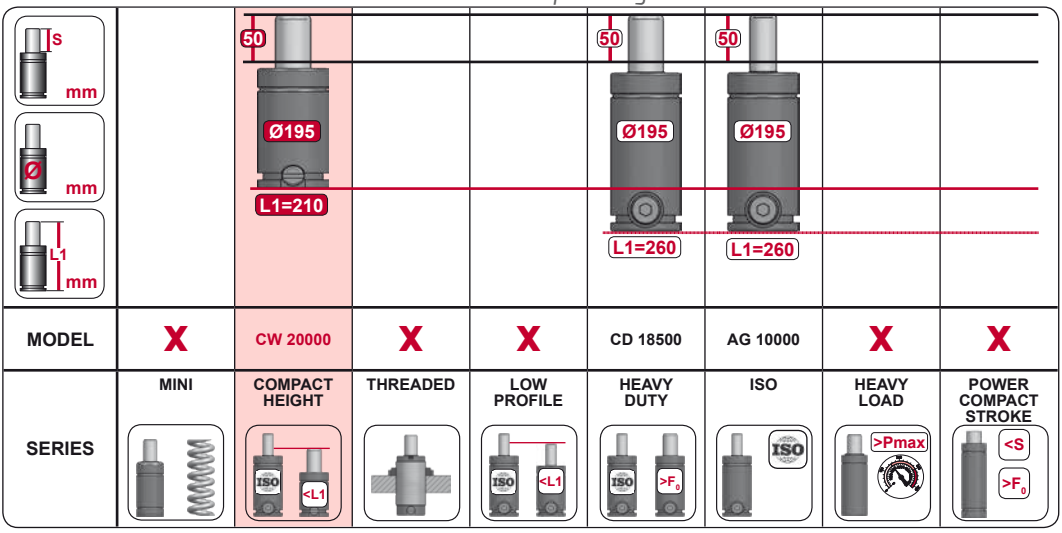



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CW 20000 MOUNTS

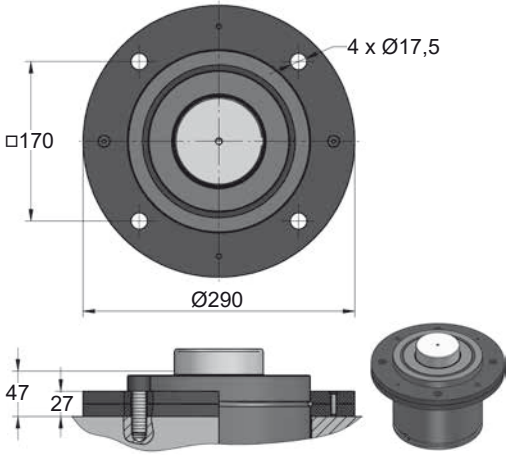
*Compact Height*




| MODEL | X | CW 20000 | X | X | CD 18500 | AG 10000 | X | X |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

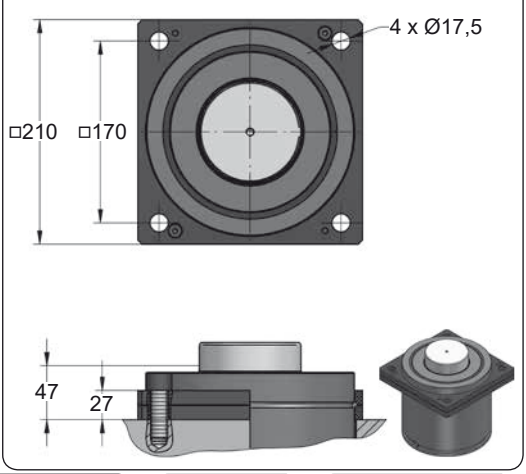
## A14-195

ISO · EM24.54.700/F




## A34-195

ISO · VDI

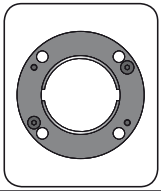


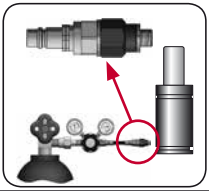












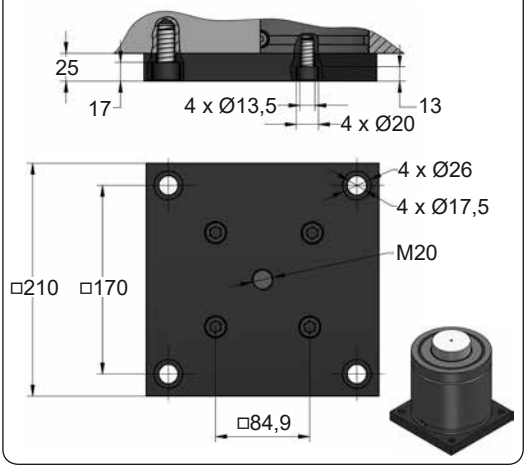
| CODE | | CW 20000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-195 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CW 20000 MOUNTS

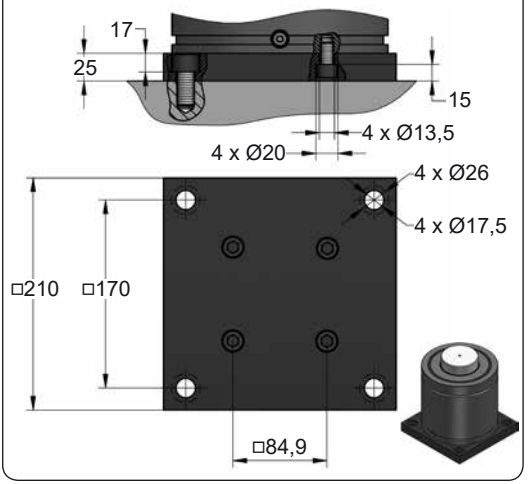
*Compact Height*

AZOL GAS

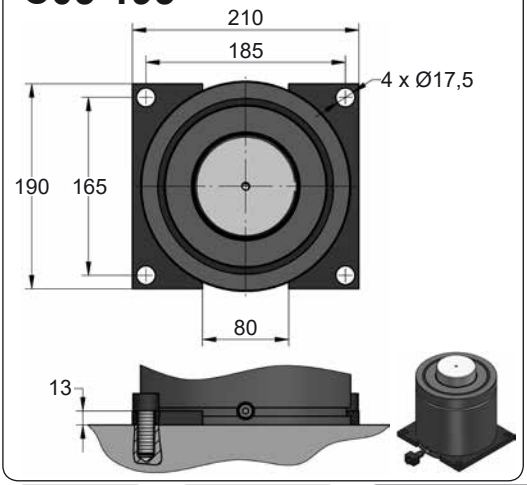
## B36-195




## B41-195

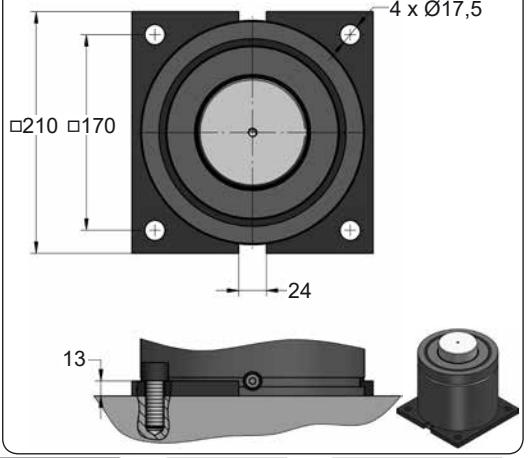



## C05-195




## C20-195

EM24.54.700/F

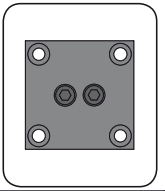


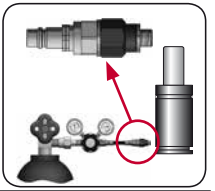












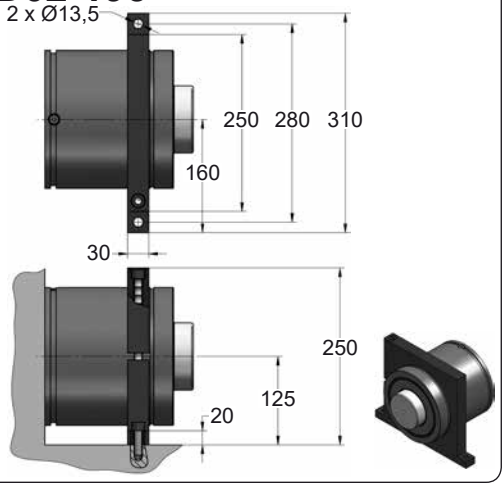
| CODE | | CW 20000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B36-195 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

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# CW 20000 MOUNTS

*Compact Height*

## D02-195

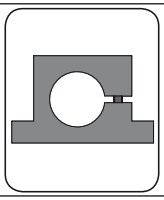


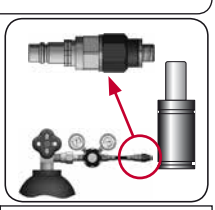












| CODE | | CW 20000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | D02-195 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# CP HEAVY LOAD LARGE

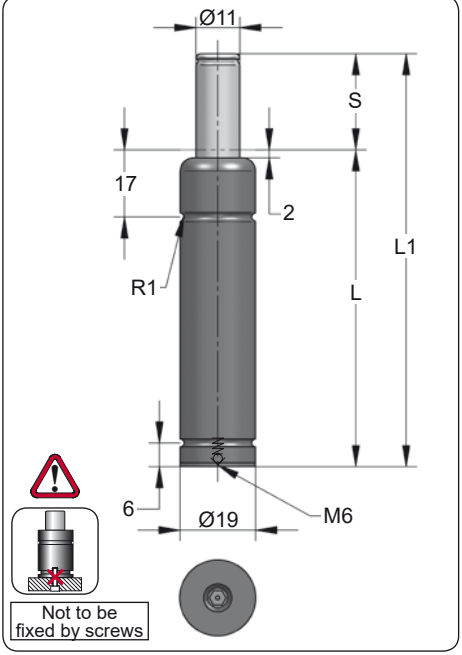
| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| CP 150 V1 | 150 | Ø19 | 10 - 80 | 75 - 220 | 160 | M6 | X | X |
| CP 300 V1 | 300 | Ø25 | 10 - 80 | 75 - 220 | 170 | M6 | X | ✔ |
| CP 500 V1 | 500 | Ø32 | 10 - 80 | 75 - 225 | 200 | M6 | X | ✔ |
| CP 1000 V1 | 1000 | Ø38 | 10 - 80 | 75 - 240 | 205 | M6 | X | ✔ |
| CP 2000 V1 | 2000 | Ø50 | 10 - 80 | 80 - 245 | 210 | M6 | X | ✔ |
| CP 3000 V1 | 3000 | Ø63 | 10 - 80 | 95 - 255 | 190 | M6 | X | ✔ |
| CP 5000 V1 | 5000 | Ø75 | 10 - 80 | 100 - 275 | 200 | G1/8" | X | ✔ |
| CP 8000 V1 | 8000 | Ø95 | 10 - 80 | 110 - 290 | 180 | G1/8" | X | ✔ |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| S mm | | 50 Ø50 L1=138 L1=152 | 50 Ø50 L1=138 | 50 Ø50 L1=138 L1=150 L1=150 | 50 Ø50 L1=170 L1=185 L1=195 | 50 Ø50 L1=195 | 50 Ø50 L1=165 L1=175 | 50 Ø50 L1=220 |
| Ø mm | | | | | | | | |
| L1 mm | | | | | | | | |
| $F_0$ daN | | 1000 1000 | 1000 | 1000 1000 750 | 750 1000 1000 | 750 | 1700 2000 | 1800 |
| MODEL | X | CW 1000 KZ 1000 | AS 1000 | CT 1000 CK 1000 FD 750 | GN 750 CM 1000 CD 1000 | AG 750 | CPH 1700 CP 2000 | CS 1800 |
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

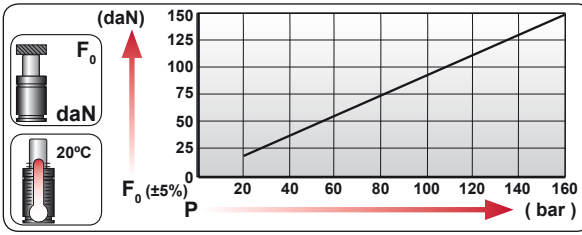
# CP 150 V1

*Heavy Load*

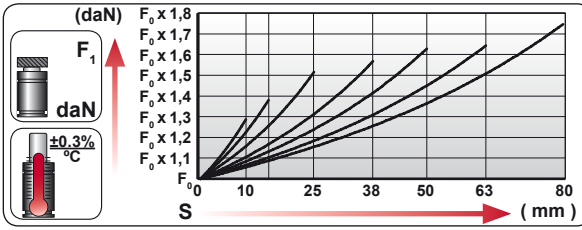
AZOL GAS



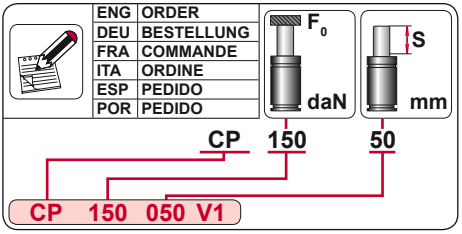

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CP 150 010 V1 | 10 | 75 | 65 | 0.08 |
| CP 150 015 V1 | 15 | 85 | 70 | 0.09 |
| CP 150 025 V1 | 25 | 105 | 80 | 0.10 |
| CP 150 038 V1 | 38 | 135 | 97 | 0.12 |
| CP 150 050 V1 | 50 | 160 | 110 | 0.14 |
| CP 150 063 V1 | 63 | 190 | 127 | 0.16 |
| CP 150 080 V1 | 80 | 220 | 140 | 0.18 |

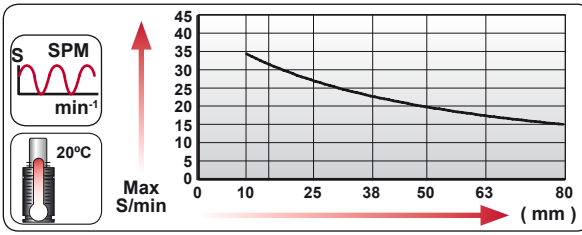


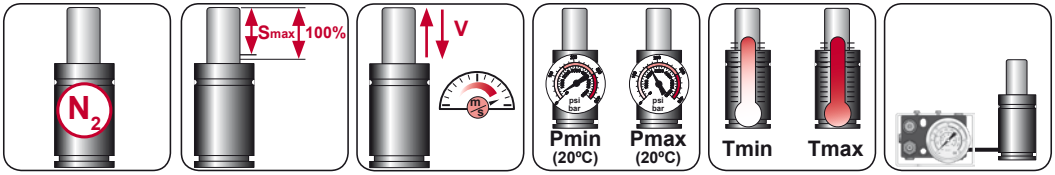

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CP 150 050 V1 | 160 | 2320 | 150 | 245 |
| --------- | --- | --- | --- | --- |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



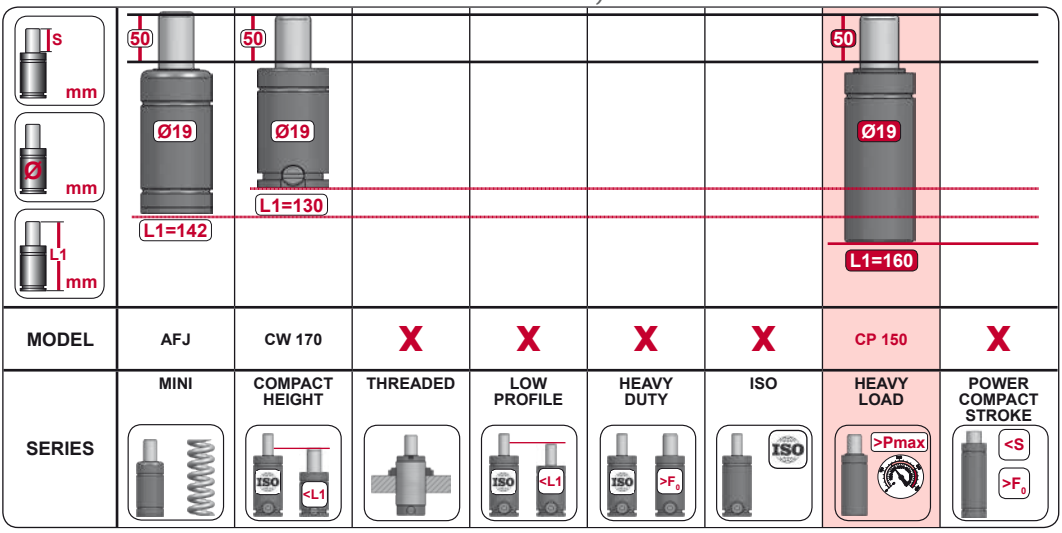




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 160 2320 | ºC ºF 0 32 | ºC ºF 80 176 |
|---|---|---|---|---|---|---|

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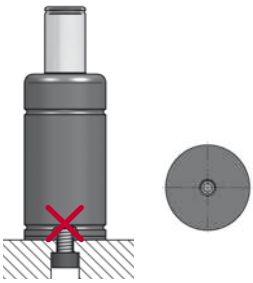
# CP 150 V1 *MOUNTS*

*Heavy Load*




| MODEL | AFJ | CW 170 | X | X | X | X | CP 150 | X |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

## Single base thread



Gas springs with only a single base thread should not be mounted by screws.

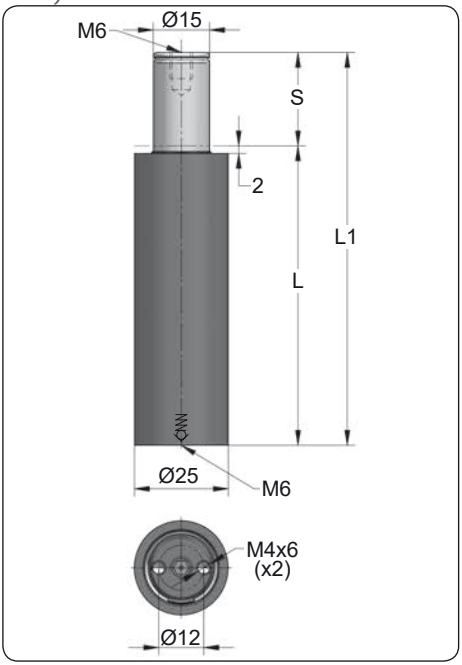



| CODE | | CP 150 050 V1 | X | X | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

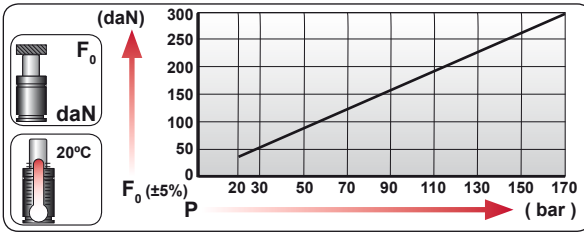
# CP 300 V1

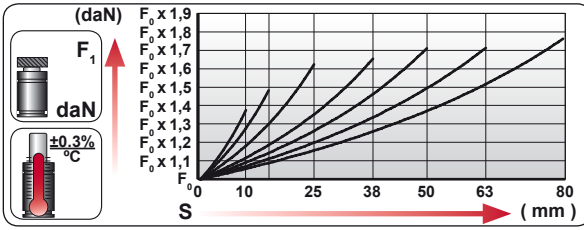
*Heavy Load*

AZOL GAS

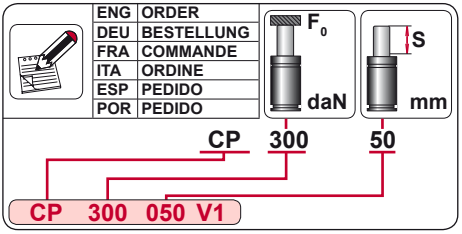


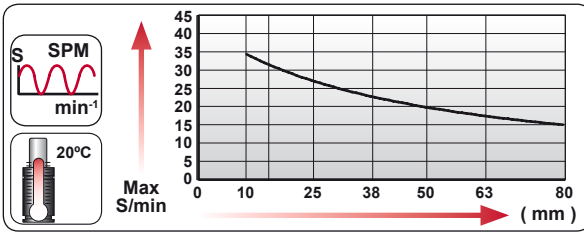

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CP 300 010 V1 | 10 | 75 | 65 | 0.19 |
| CP 300 015 V1 | 15 | 85 | 70 | 0.20 |
| CP 300 025 V1 | 25 | 105 | 80 | 0.22 |
| CP 300 038 V1 | 38 | 130 | 92 | 0.26 |
| CP 300 050 V1 | 50 | 155 | 105 | 0.29 |
| CP 300 063 V1 | 63 | 185 | 122 | 0.33 |
| CP 300 080 V1 | 80 | 220 | 140 | 0.38 |

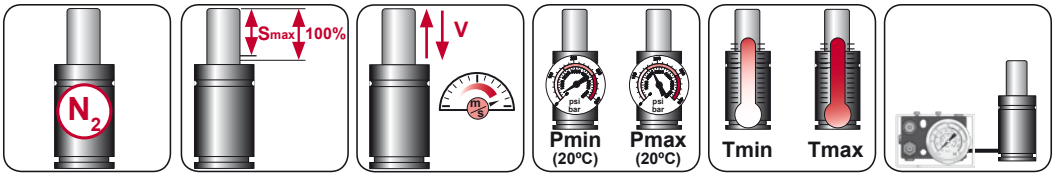



| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CP 300 050 V1 | | 170 | 2465 | 300 | 515 |
| --------- | | --- | --- | --- | --- |



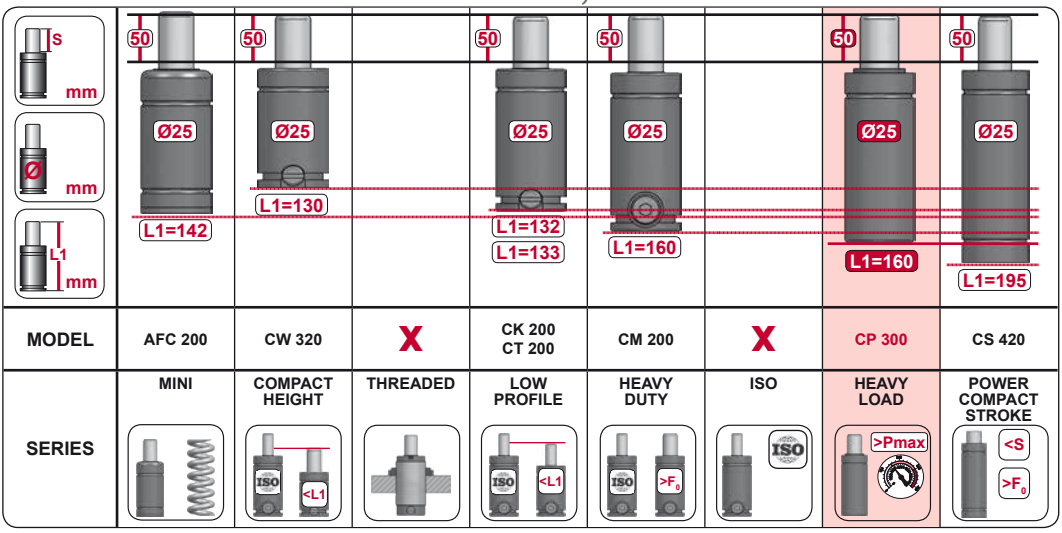




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 170 2465 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

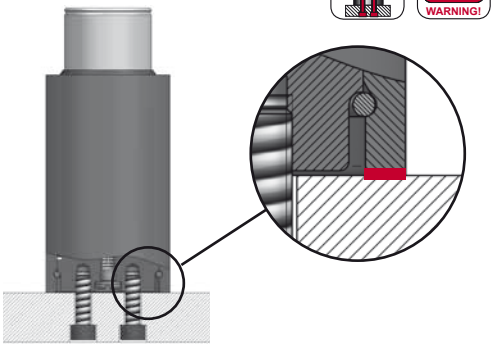
AZOL GAS

# CP 300 V1 *MOUNTS*

*Heavy Load*




| MODEL | AFC 200 | CW 320 | X | CK 200 CT 200 | CM 200 | X | CP 300 | CS 420 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |




When using CP series mounted by screws the gas spring must be supported at all the times.
A flat support surface in contact with the whole surface of the gas spring body is always required.

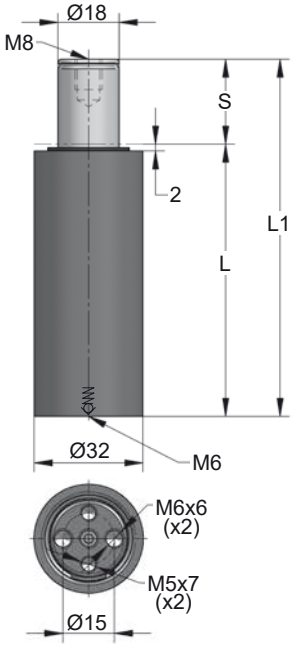



| CODE | | CP 300 050 V1 | KIT S-XXXXXXX | X | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

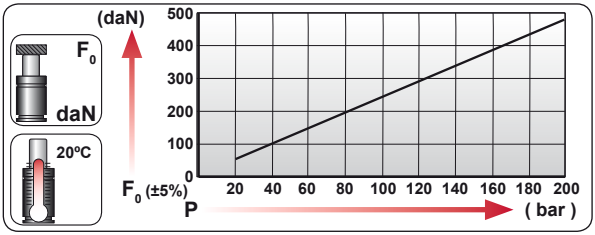
# CP 500 V1

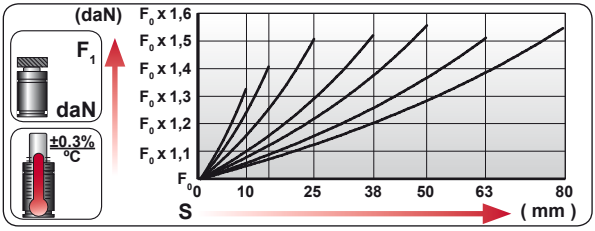
*Heavy Load*

AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CP 500 010 V1 | 10 | 75 | 65 | 0.31 |
| CP 500 015 V1 | 15 | 85 | 70 | 0.32 |
| CP 500 025 V1 | 25 | 105 | 80 | 0.36 |
| CP 500 038 V1 | 38 | 130 | 92 | 0.41 |
| CP 500 050 V1 | 50 | 155 | 105 | 0.46 |
| CP 500 063 V1 | 63 | 190 | 127 | 0.53 |
| CP 500 080 V1 | 80 | 225 | 145 | 0.60 |

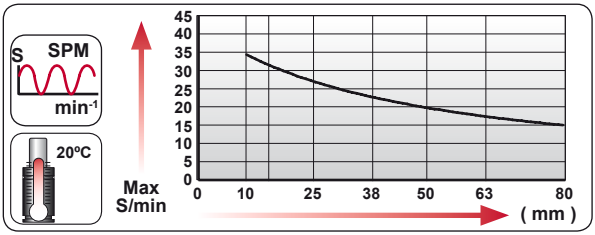


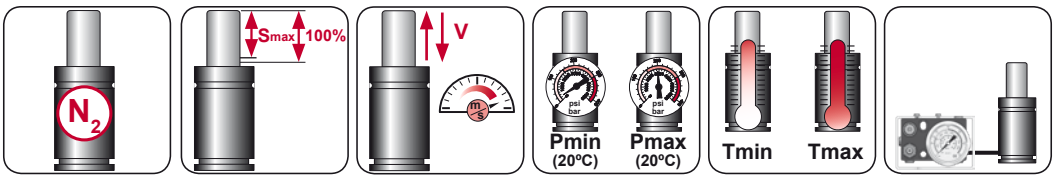




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CP 500 050 V1 | 190 | 2755 | 485 | 755 |
| --------- | --- | --- | --- | --- |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



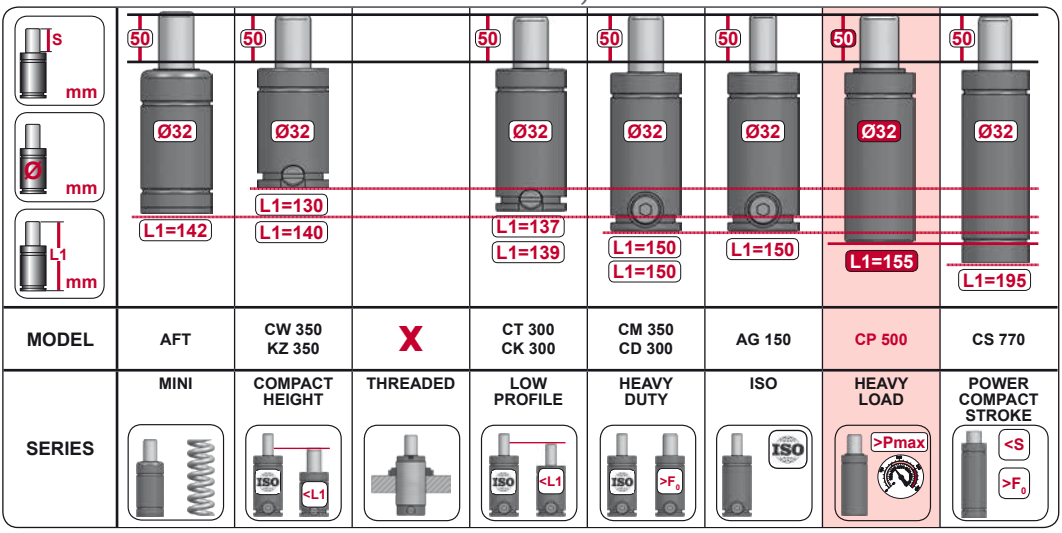




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 200 2900 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

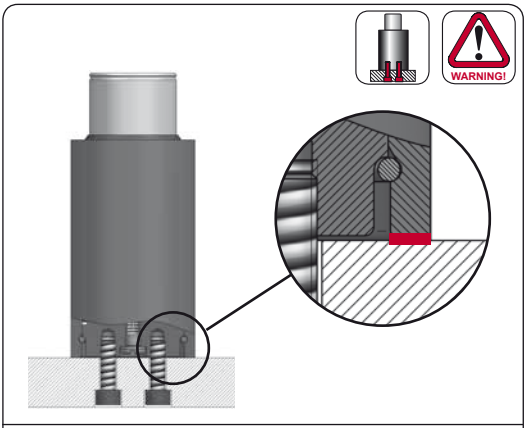
AZOL GAS

# CP 500 V1 MOUNTS

*Heavy Load*




| MODEL | AFT | CW 350<br>KZ 350 | X | CT 300<br>CK 300 | CM 350<br>CD 300 | AG 150 | CP 500 | CS 770 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |




When using CP series mounted by screws the gas spring must be supported at all the times.
A flat support surface in contact with the whole surface of the gas spring body is always required.

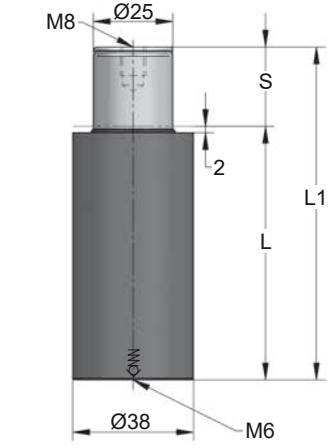


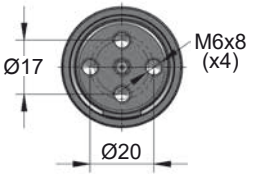

| CODE | | CP 500 050 V1 | KIT S-XXXXXXX | X | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CP 1000 V1

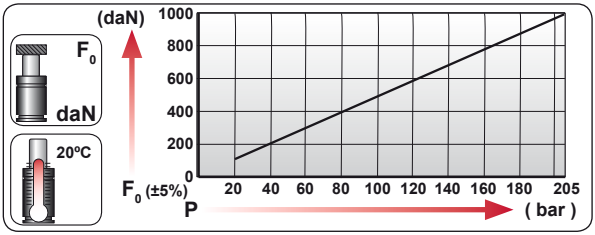
*Heavy Load*

AZOL GAS

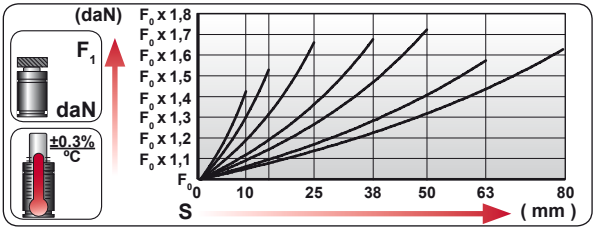



| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CP 1000 010 V1 | 10 | 75 | 65 | 0.43 |
| CP 1000 015 V1 | 15 | 85 | 70 | 0.45 |
| CP 1000 025 V1 | 25 | 105 | 80 | 0.51 |
| CP 1000 038 V1 | 38 | 135 | 97 | 0.58 |
| CP 1000 050 V1 | 50 | 160 | 110 | 0.65 |
| CP 1000 063 V1 | 63 | 205 | 142 | 0.77 |
| CP 1000 080 V1 | 80 | 240 | 160 | 0.86 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CP 1000 050 V1 | 195 | 2830 | 960 | 1655 |
| --------- | --- | --- | --- | --- |

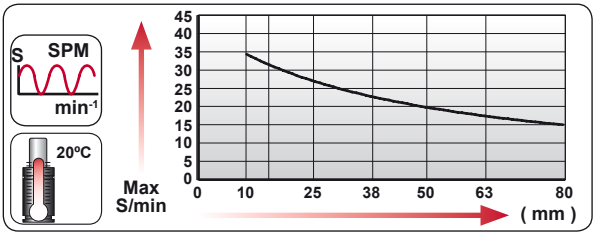


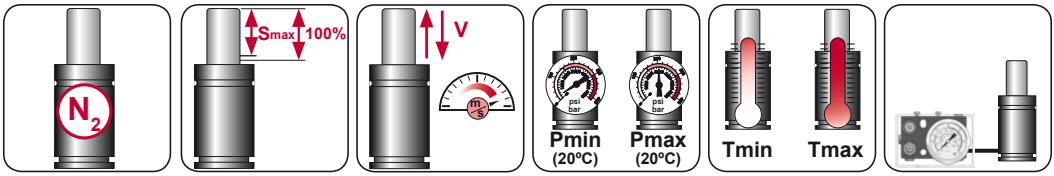

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CP 1000 50

CP 1000 050 V1



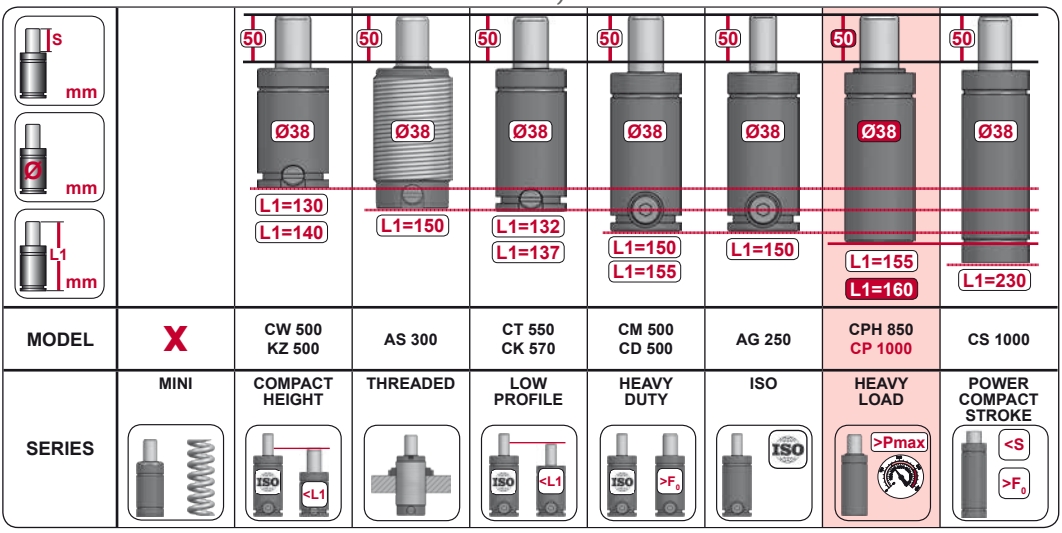




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 205 2975 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

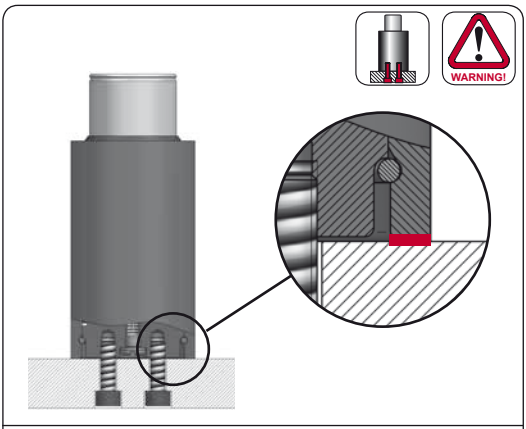
AZOL GAS

# CP 1000 V1 *MOUNTS*

*Heavy Load*




| MODEL | X | CW 500 KZ 500 | AS 300 | CT 550 CK 570 | CM 500 CD 500 | AG 250 | CPH 850 CP 1000 | CS 1000 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |




When using CP series mounted by screws the gas spring must be supported at all the times.
A flat support surface in contact with the whole surface of the gas spring body is always required.

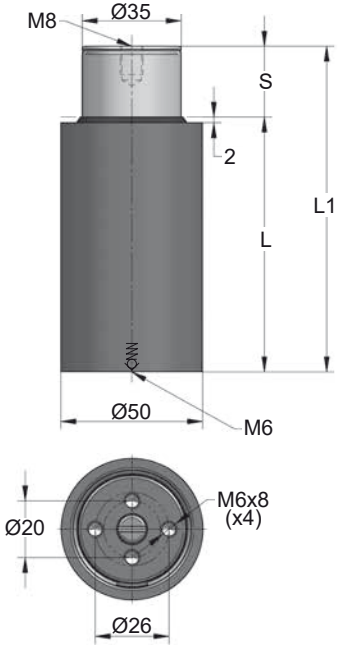



| CODE | | CP 1000 050 V1 | KIT S-XXXXXXX | X | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

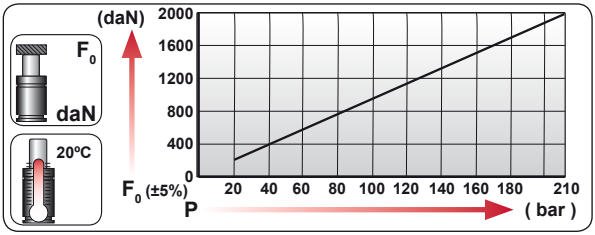
# CP 2000 V1

*Heavy Load*

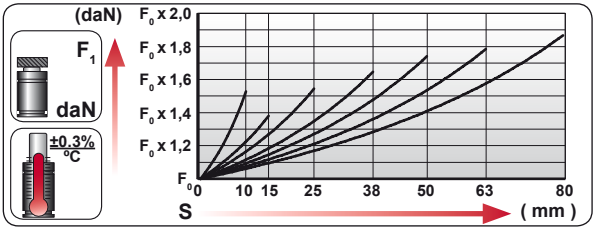
AZOL GAS



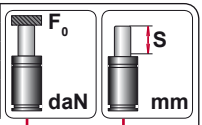

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CP 2000 010 V1 | 10 | 80 | 70 | 0.87 |
| CP 2000 015 V1 | 15 | 95 | 80 | 0.94 |
| CP 2000 025 V1 | 25 | 115 | 90 | 1.04 |
| CP 2000 038 V1 | 38 | 150 | 112 | 1.22 |
| CP 2000 050 V1 | 50 | 175 | 125 | 1.35 |
| CP 2000 063 V1 | 63 | 205 | 142 | 1.50 |
| CP 2000 080 V1 | 80 | 245 | 165 | 1.70 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CP 2000 050 V1 | 200 | 2900 | 1925 | 3350 |
| --------- | --- | --- | --- | --- |

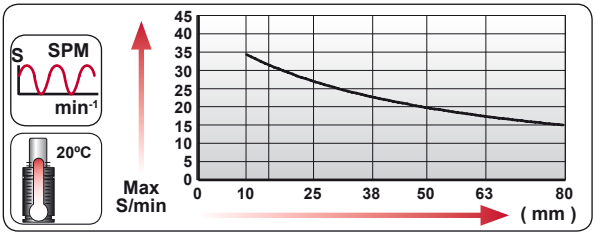


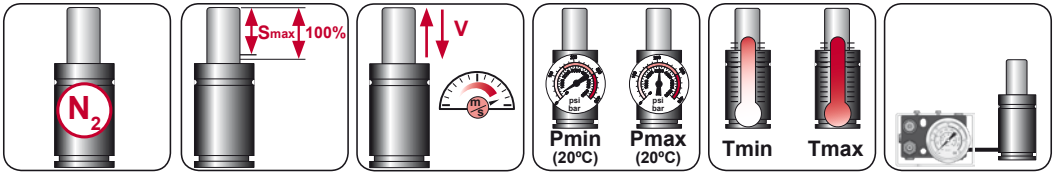

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CP 2000 50

CP 2000 050 V1



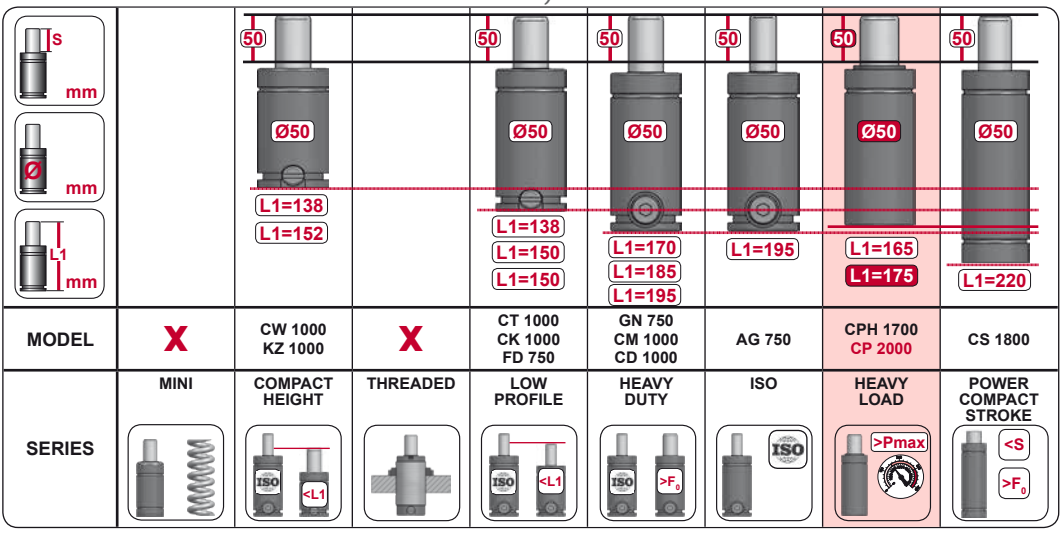




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 210 3045 | ºC ºF 0 32 | ºC ºF 80 176 |
|---|---|---|---|---|---|---|

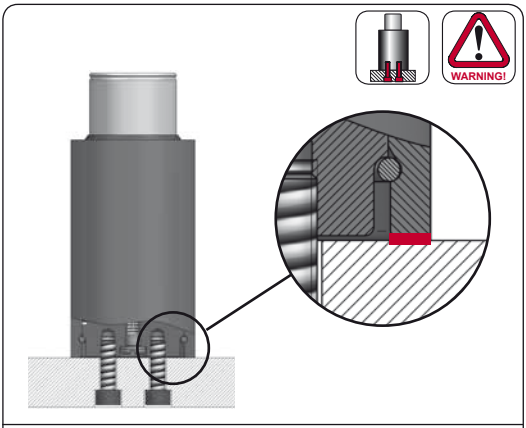
AZOL GAS

# CP 2000 V1 *MOUNTS*

*Heavy Load*




| MODEL | X | CW 1000 KZ 1000 | X | CT 1000 CK 1000 FD 750 | GN 750 CM 1000 CD 1000 | AG 750 | CPH 1700 CP 2000 | CS 1800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |




When using CP series mounted by screws the gas spring must be supported at all the times.
A flat support surface in contact with the whole surface of the gas spring body is always required.

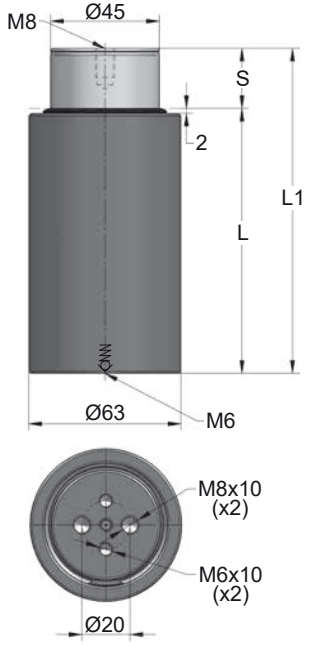



| CODE | | CP 2000 050 V1 | KIT S-XXXXXXX | X | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

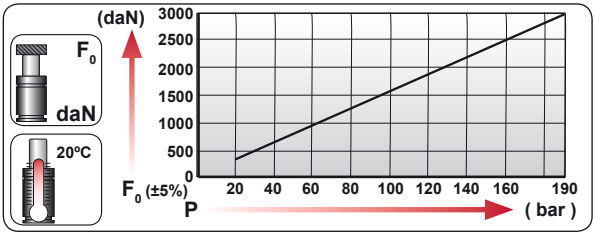
# CP 3000 V1

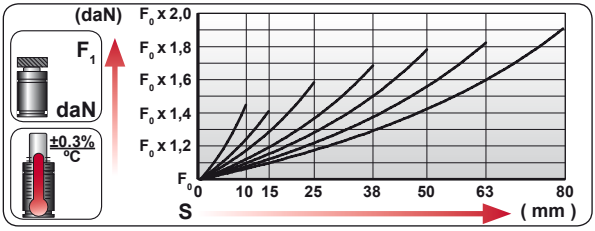
*Heavy Load*

AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CP 3000 010 V1 | 10 | 95 | 85 | 1.71 |
| CP 3000 015 V1 | 15 | 115 | 100 | 1.88 |
| CP 3000 025 V1 | 25 | 135 | 110 | 2.04 |
| CP 3000 038 V1 | 38 | 165 | 127 | 2.29 |
| CP 3000 050 V1 | 50 | 190 | 140 | 2.49 |
| CP 3000 063 V1 | 63 | 220 | 157 | 2.73 |
| CP 3000 080 V1 | 80 | 255 | 175 | 3.01 |



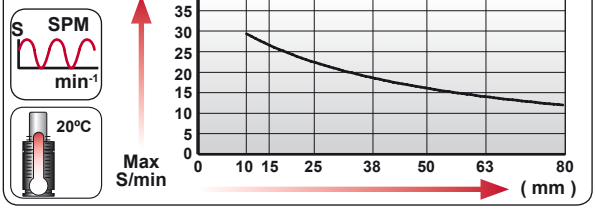

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CP 3000 050 V1 | | 180 | 2610 | 2860 | 5100 |
| --------- | | --- | --- | --- | --- |

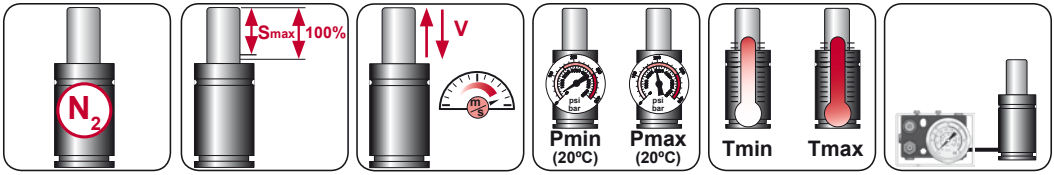
| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CP 3000 50

CP 3000 050 V1



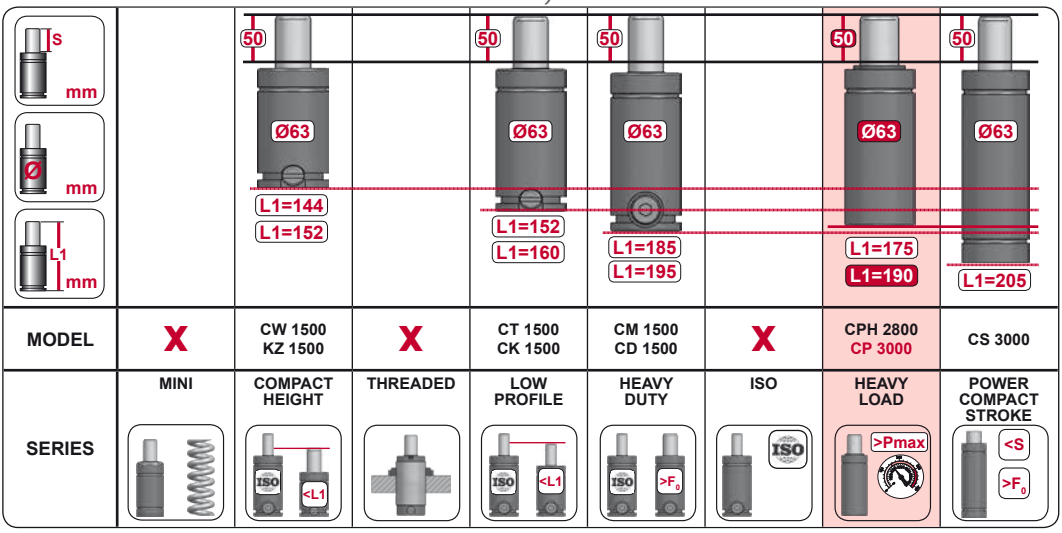




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 190 2755 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

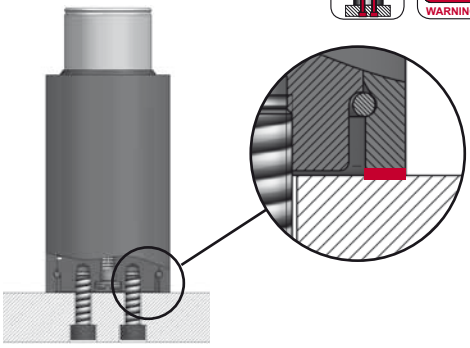
AZOL GAS

# CP 3000 V1 MOUNTS

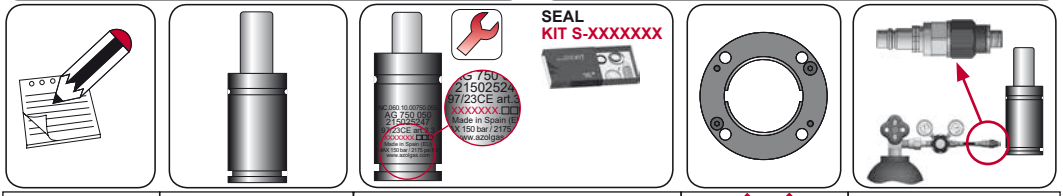
*Heavy Load*




| MODEL | X | CW 1500 KZ 1500 | X | CT 1500 CK 1500 | CM 1500 CD 1500 | X | CPH 2800 CP 3000 | CS 3000 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |




When using CP series mounted by screws the gas spring must be supported at all the times.
A flat support surface in contact with the whole surface of the gas spring body is always required.

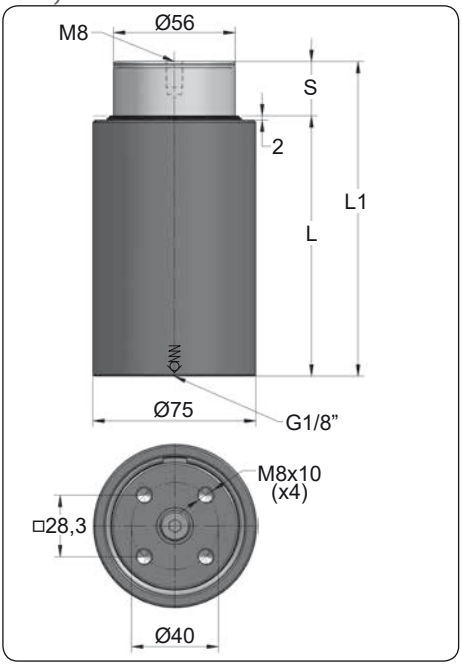



| CODE | | CP 3000 050 V1 | KIT S-XXXXXXX | X | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

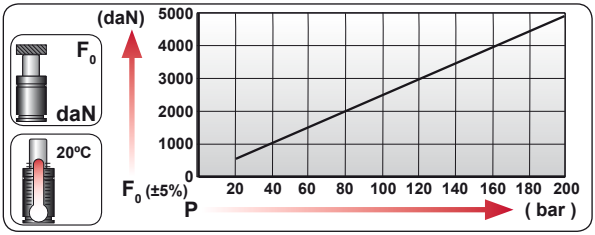
# CP 5000 V1

*Heavy Load*

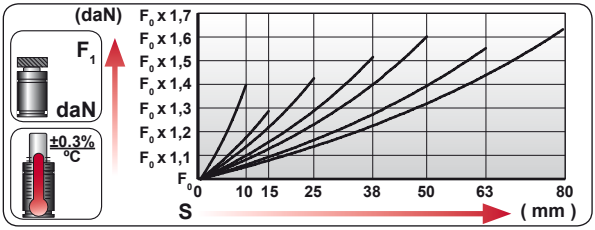
AZOL GAS



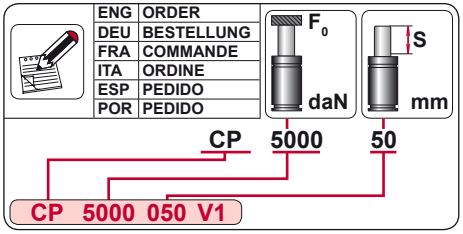

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CP 5000 010 V1 | 10 | 100 | 90 | 2.30 |
| CP 5000 015 V1 | 15 | 125 | 110 | 2.56 |
| CP 5000 025 V1 | 25 | 145 | 120 | 2.78 |
| CP 5000 038 V1 | 38 | 175 | 137 | 3.11 |
| CP 5000 050 V1 | 50 | 200 | 150 | 3.38 |
| CP 5000 063 V1 | 63 | 240 | 177 | 3.81 |
| CP 5000 080 V1 | 80 | 275 | 195 | 4.20 |

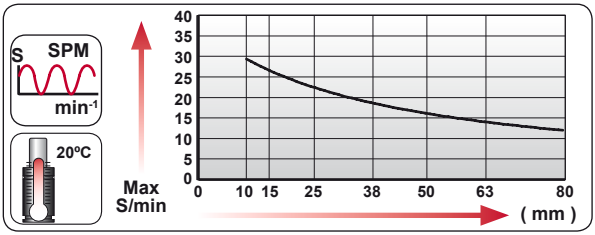


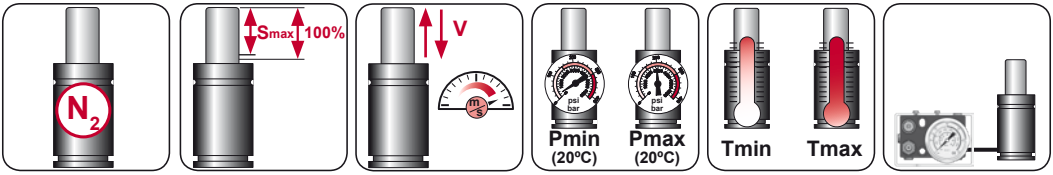

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CP 5000 050 V1 | 200 | 2900 | 4925 | 7890 |
| --------- | --- | --- | --- | --- |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



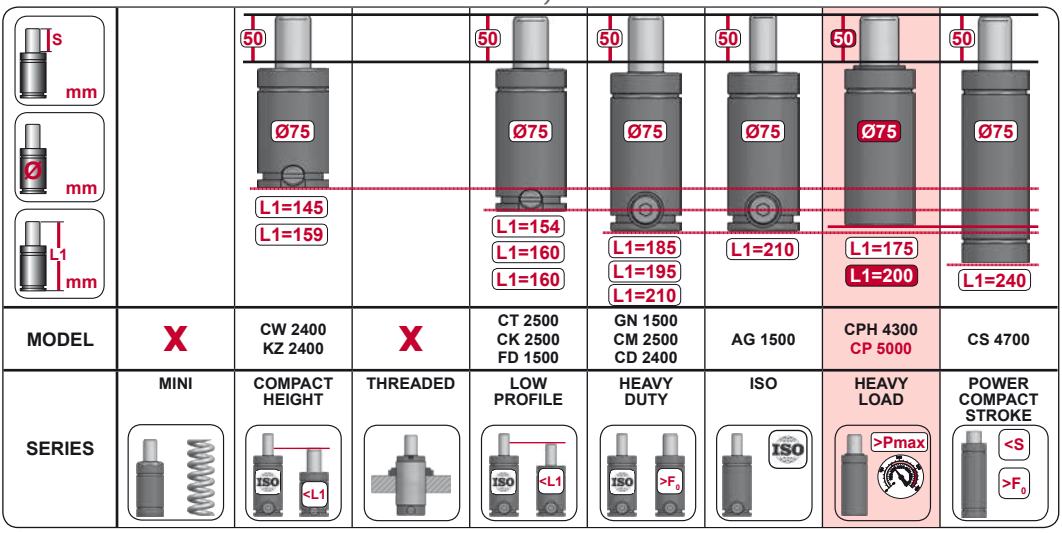




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 200 2900 | ºC ºF 0 32 | ºC ºF 80 176 |
|---|---|---|---|---|---|---|

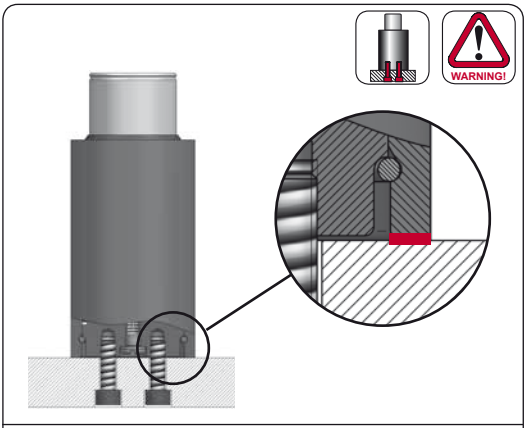
AZOL GAS

# CP 5000 V1 *MOUNTS*

*Heavy Load*




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **MODEL** | X | CW 2400<br>KZ 2400 | X | CT 2500<br>CK 2500<br>FD 1500 | GN 1500<br>CM 2500<br>CD 2400 | AG 1500 | CPH 4300<br>CP 5000 | CS 4700 |
| **SERIES** | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |




When using CP series mounted by screws the gas spring must be supported at all the times.
A flat support surface in contact with the whole surface of the gas spring body is always required.

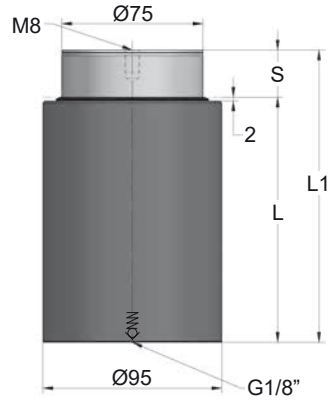


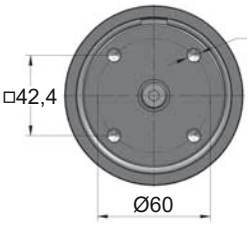

| CODE | | CP 5000 050 V1 | KIT S-XXXXXXX | X | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CP 8000 V1

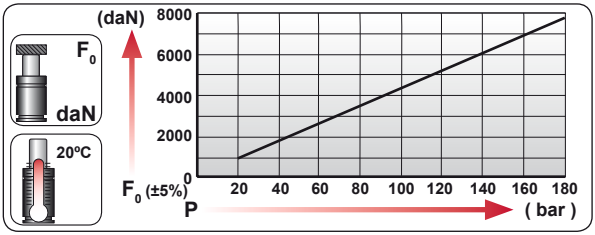
*Heavy Load*

AZOL GAS

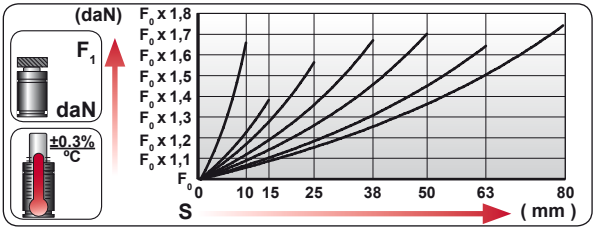



| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CP 8000 010 V1 | 10 | 110 | 100 | 4.24 |
| CP 8000 015 V1 | 15 | 135 | 120 | 4.64 |
| CP 8000 025 V1 | 25 | 155 | 130 | 4.99 |
| CP 8000 038 V1 | 38 | 185 | 147 | 5.50 |
| CP 8000 050 V1 | 50 | 215 | 165 | 6.00 |
| CP 8000 063 V1 | 63 | 255 | 192 | 6.66 |
| CP 8000 080 V1 | 80 | 290 | 210 | 7.26 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CP 8000 050 V1 | 180 | 2610 | 7950 | 13530 |
| --------- | --- | --- | --- | --- |

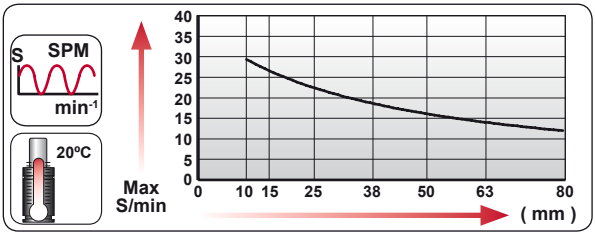


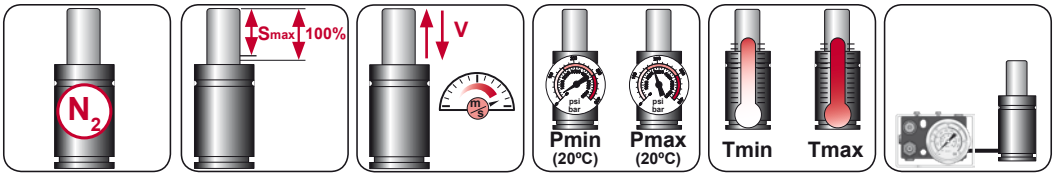

| | ENG | ORDER |
|---|---|---|
| | DEU | BESTELLUNG |
| | FRA | COMMANDE |
| | ITA | ORDINE |
| | ESP | PEDIDO |
| | POR | PEDIDO |

$F_0$ daN — S mm

CP 8000 50

CP 8000 050 V1



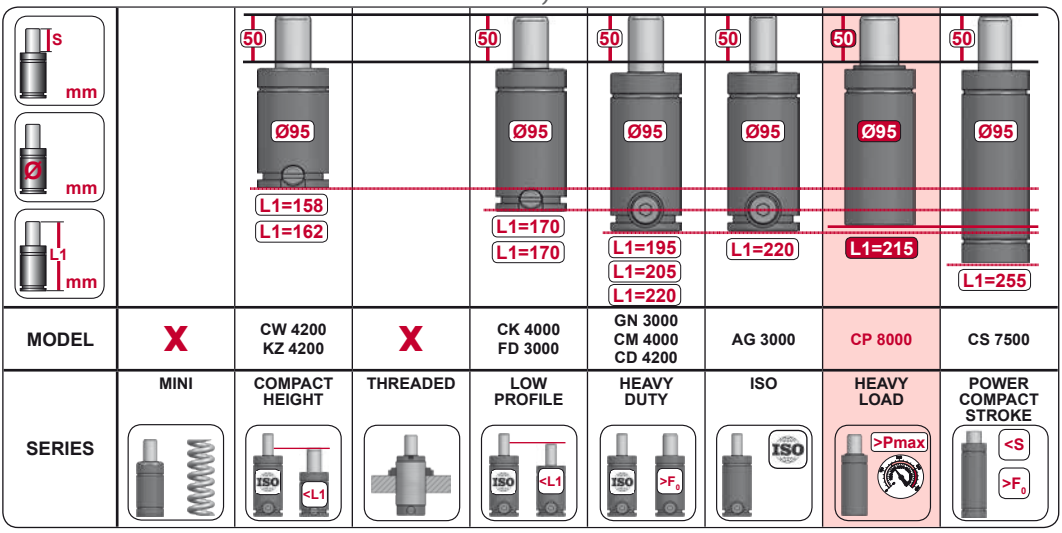




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 |
|---|---|---|---|---|---|---|

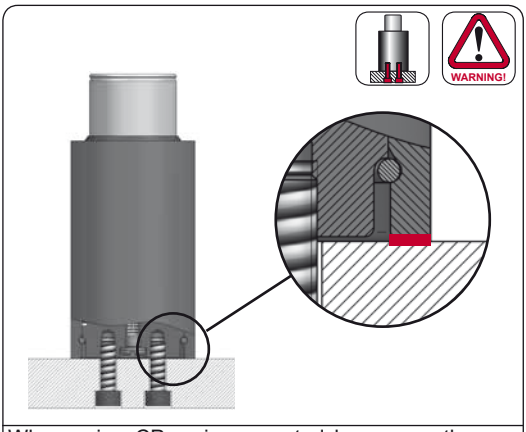
AZOL GAS

# CP 8000 V1 MOUNTS

*Heavy Load*




| MODEL | X | CW 4200 KZ 4200 | X | CK 4000 FD 3000 | GN 3000 CM 4000 CD 4200 | AG 3000 | CP 8000 | CS 7500 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |




When using CP series mounted by screws the gas spring must be supported at all the times.
A flat support surface in contact with the whole surface of the gas spring body is always required.




| CODE | | CP 8000 050 V1 | KIT S-XXXXXXX | X | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# CPH HEAVY LOAD MEDIUM

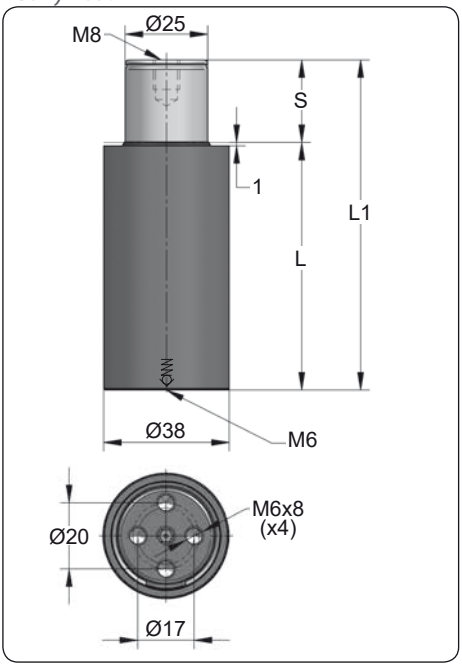
| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| CPH 850 V1 | 850 | Ø38 | 12 - 80 | 74 - 225 | 175 | M6 | X | ✔ |
| CPH 1250 V1 | 1250 | Ø45 | 12 - 80 | 79 - 230 | 175 | M6 | X | ✔ |
| CPH 1700 V1 | 1700 | Ø50 | 12 - 80 | 84 - 235 | 175 | M6 | X | ✔ |
| CPH 2800 V1 | 2800 | Ø63 | 12 - 80 | 94 - 250 | 175 | M6 | X | ✔ |
| CPH 4300 V1 | 4300 | Ø75 | 12 - 80 | 94 - 250 | 175 | G1/8" | X | ✔ |

| S mm | | 50 Ø50 L1=138 L1=152 | | 50 Ø50 L1=138 L1=150 L1=150 | 50 Ø50 L1=170 L1=185 L1=195 | 50 Ø50 L1=195 | 50 Ø50 L1=165 L1=175 | 50 Ø50 L1=220 |
|---|---|---|---|---|---|---|---|---|
| Ø mm | | | | | | | | |
| L1 mm | | | | | | | | |
| $F_0$ daN | | 1000 1000 | | 1000 1000 750 | 750 1000 1000 | 750 | 1700 2000 | 1800 |
| MODEL | X | CW 1000 KZ 1000 | X | CT 1000 CK 1000 FD 750 | GN 750 CM 1000 CD 1000 | AG 750 | CPH 1700 CP 2000 | CS 1800 |
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |

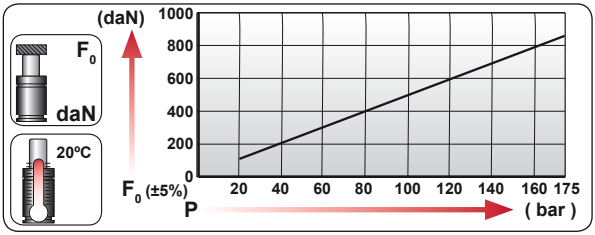
# CPH 850 V1

*Heavy Load*

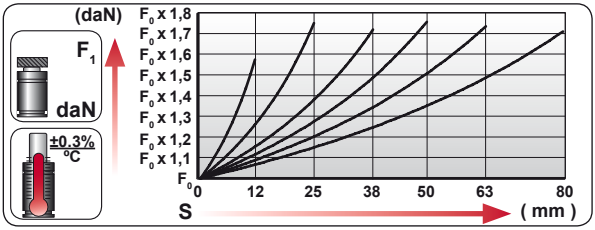
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CPH 850 012 V1 | 12 | 74 | 62 | 0,43 |
| CPH 850 025 V1 | 25 | 100 | 75 | 0,50 |
| CPH 850 038 V1 | 38 | 130 | 92 | 0,58 |
| CPH 850 050 V1 | 50 | 155 | 105 | 0,64 |
| CPH 850 063 V1 | 63 | 185 | 122 | 0,72 |
| CPH 850 080 V1 | 80 | 225 | 145 | 0,82 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CPH 850 050 V1 | 165 | 2395 | 810 | 1420 |
| --------- | --- | --- | --- | --- |

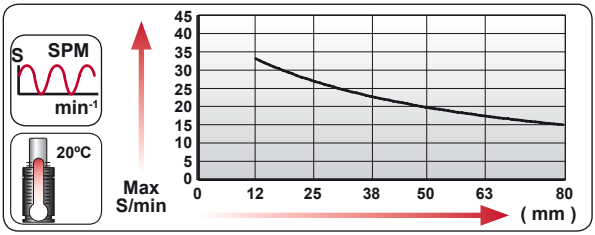


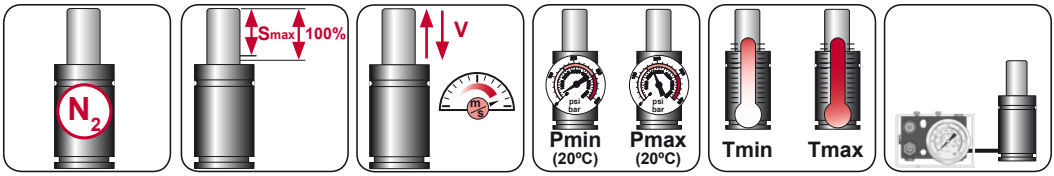

| | ENG | ORDER |
|---|---|---|
| | DEU | BESTELLUNG |
| | FRA | COMMANDE |
| | ITA | ORDINE |
| | ESP | PEDIDO |
| | POR | PEDIDO |

$F_0$ daN — S mm

CPH 850 50

CPH 850 050 V1



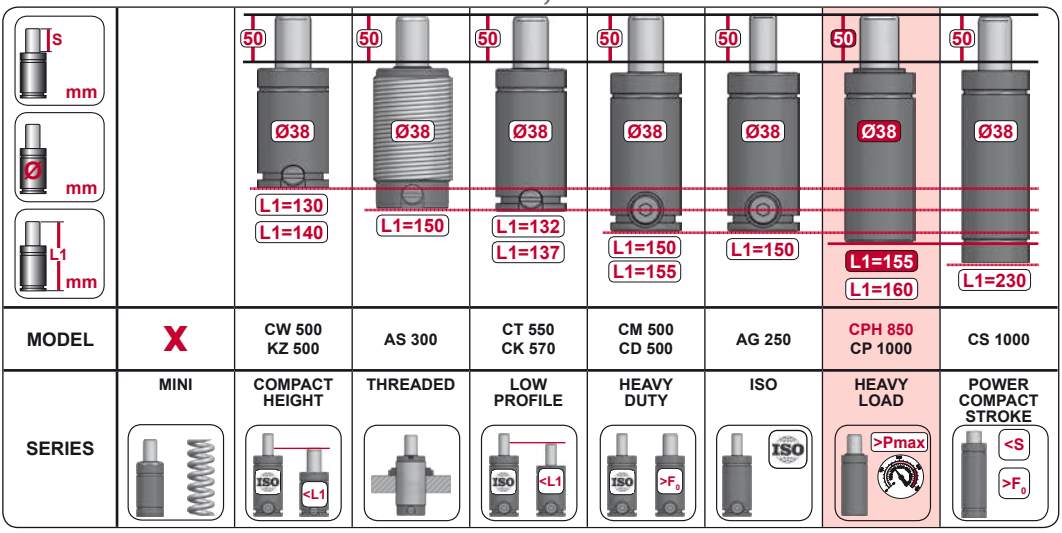




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 175 2540 | ºC ºF 0 32 | ºC ºF 80 176 |
|---|---|---|---|---|---|---|

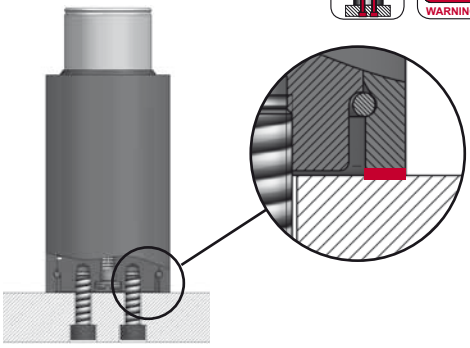
AZOL GAS

# CPH 850 V1 MOUNTS

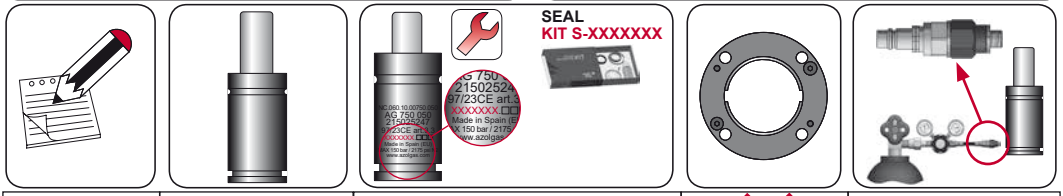
*Heavy Load*




| MODEL | X | CW 500 KZ 500 | AS 300 | CT 550 CK 570 | CM 500 CD 500 | AG 250 | CPH 850 CP 1000 | CS 1000 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |




When using CP series mounted by screws the gas spring must be supported at all the times.
A flat support surface in contact with the whole surface of the gas spring body is always required.

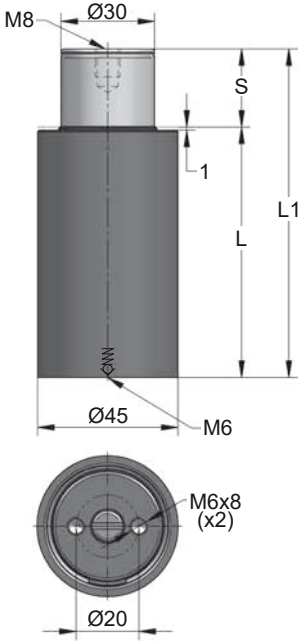



| CODE | | CPH 850 050 V1 | KIT S-XXXXXXX | X | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

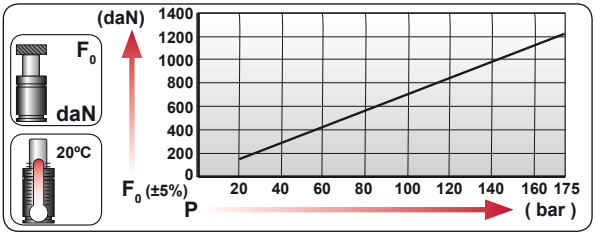
# CPH 1250 V1

*Heavy Load*

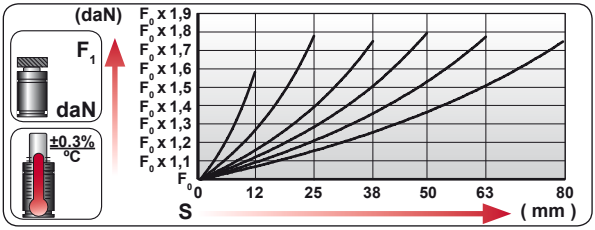
AZOL GAS



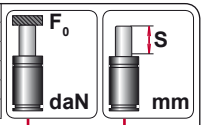

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CPH 1250 012 V1 | 12 | 79 | 67 | 0.61 |
| CPH 1250 025 V1 | 25 | 105 | 80 | 0.73 |
| CPH 1250 038 V1 | 38 | 135 | 97 | 0.81 |
| CPH 1250 050 V1 | 50 | 160 | 110 | 0.98 |
| CPH 1250 063 V1 | 63 | 190 | 127 | 1.12 |
| CPH 1250 080 V1 | 80 | 230 | 150 | 1.25 |




| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CPH 1250 050 V1 | | 170 | 2465 | 1200 | 2150 |
| --------- | | --- | --- | --- | --- |

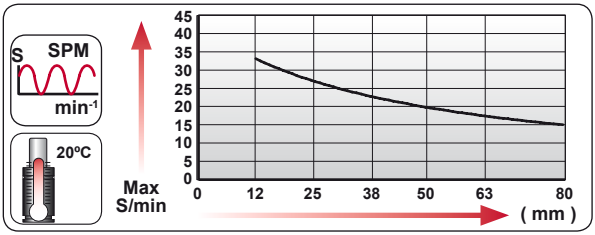


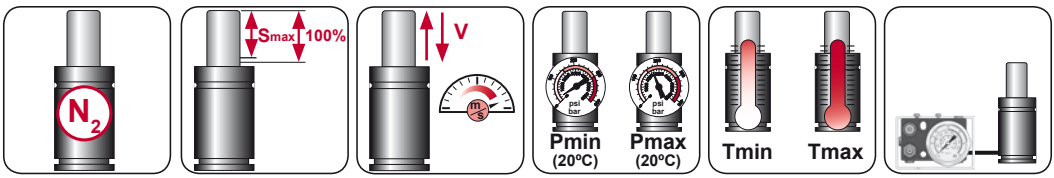

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CPH 1250 50

CPH 1250 050 V1



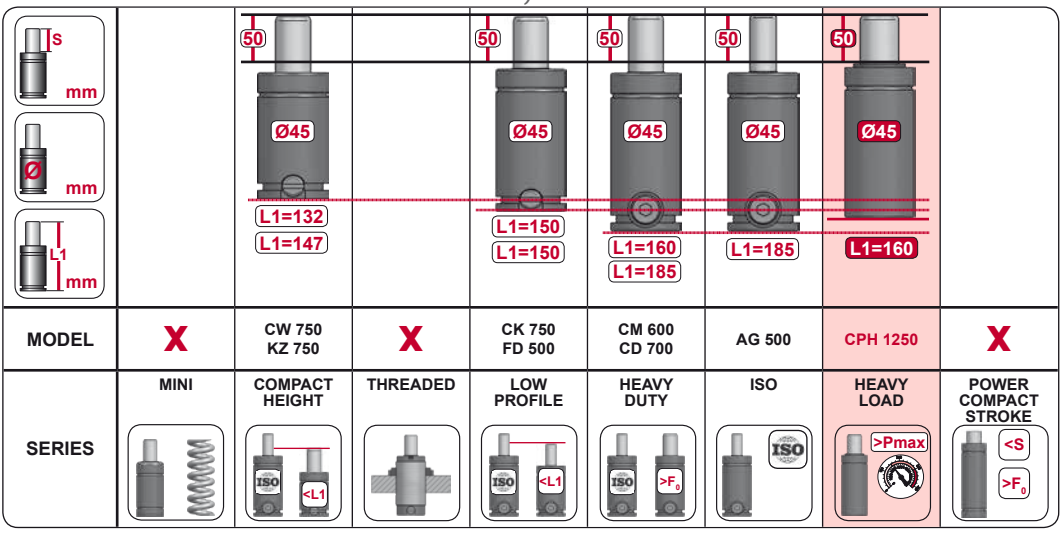




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 175 2540 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

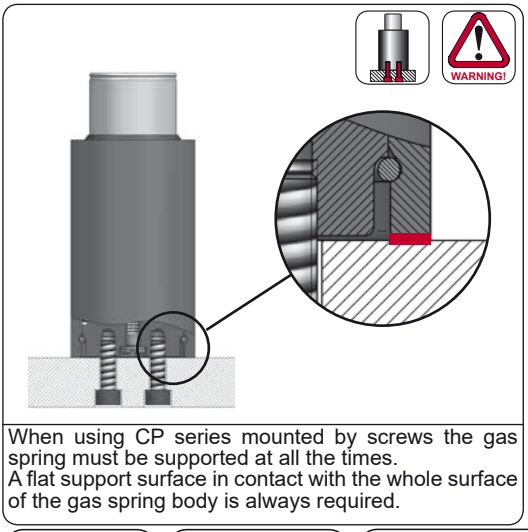
AZOL GAS

# CPH 1250 V1 MOUNTS

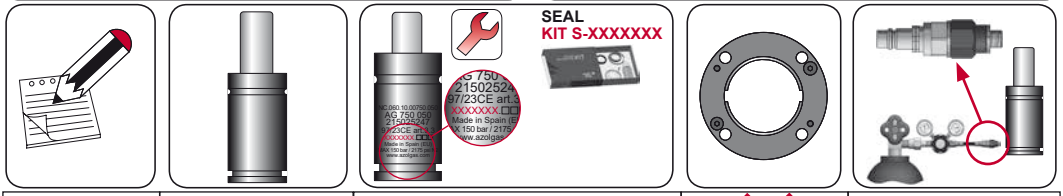
*Heavy Load*




| MODEL | X | CW 750 KZ 750 | X | CK 750 FD 500 | CM 600 CD 700 | AG 500 | CPH 1250 | X |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |




When using CP series mounted by screws the gas spring must be supported at all the times.
A flat support surface in contact with the whole surface of the gas spring body is always required.

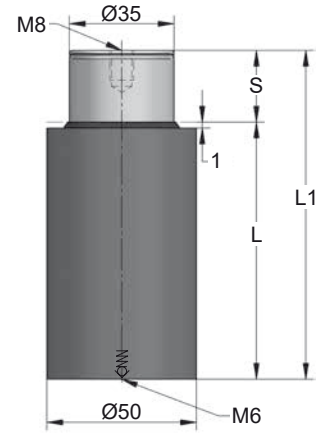


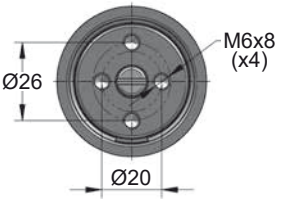

| CODE | | CPH 1250 050 V1 | KIT S-XXXXXXX | X | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CPH 1700 V1

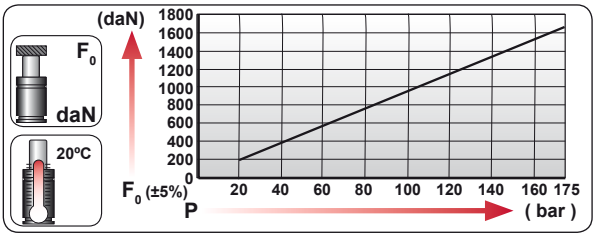
*Heavy Load*

AZOL GAS

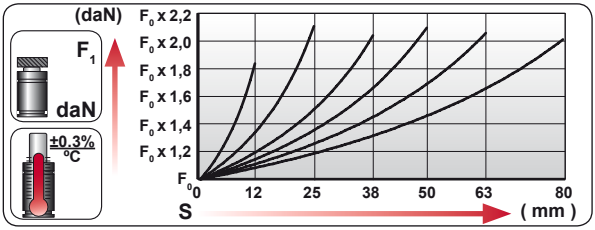



| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CPH 1700 012 V1 | 12 | 84 | 72 | 0.89 |
| CPH 1700 025 V1 | 25 | 110 | 85 | 1.02 |
| CPH 1700 038 V1 | 38 | 140 | 102 | 1.18 |
| CPH 1700 050 V1 | 50 | 165 | 115 | 1.30 |
| CPH 1700 063 V1 | 63 | 195 | 132 | 1.46 |
| CPH 1700 080 V1 | 80 | 235 | 155 | 1.66 |




| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CPH 1700 050 V1 | | 170 | 2465 | 1635 | 3430 |
| --------- | | --- | --- | --- | --- |

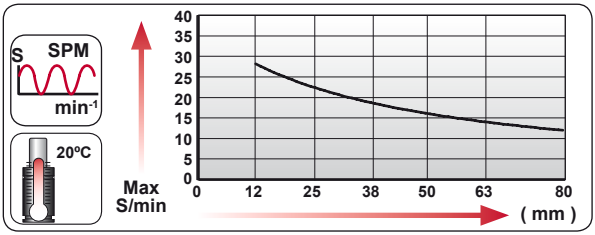


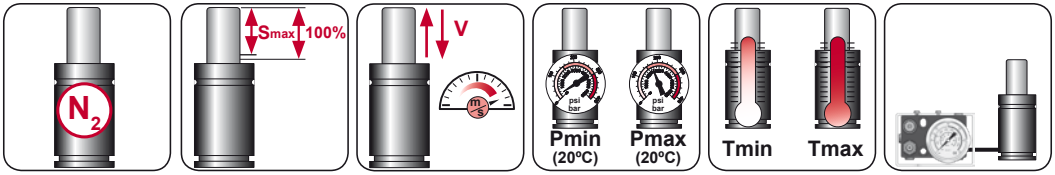

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CPH 1700 50

CPH 1700 050 V1



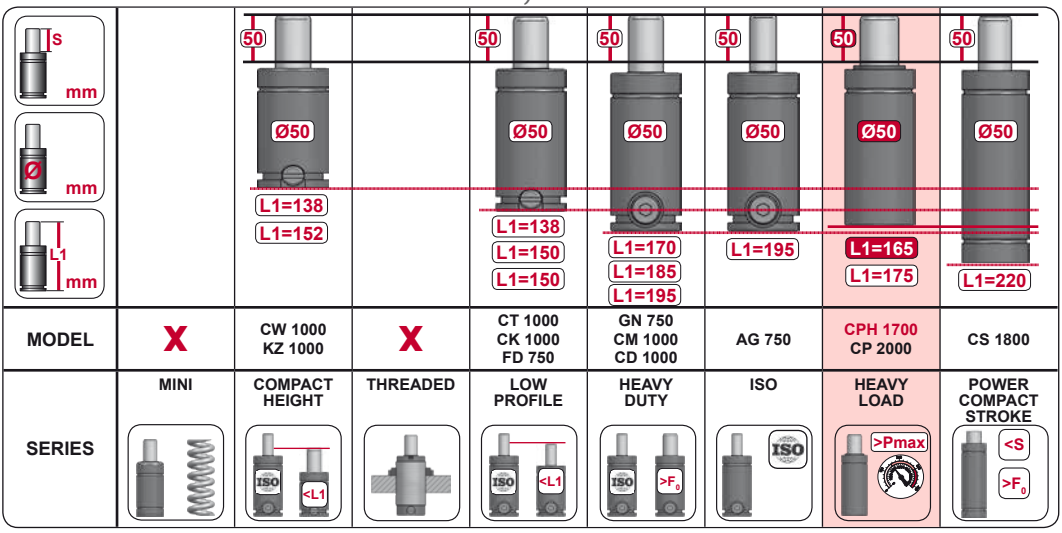




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 175 2540 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

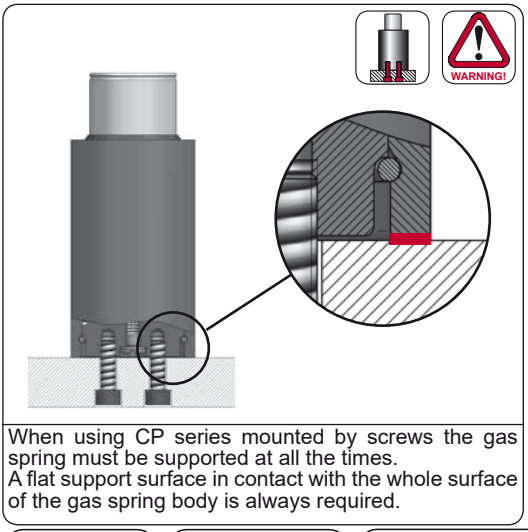
AZOL GAS

# CPH 1700 V1 MOUNTS

*Heavy Load*




| MODEL | X | CW 1000 KZ 1000 | X | CT 1000 CK 1000 FD 750 | GN 750 CM 1000 CD 1000 | AG 750 | CPH 1700 CP 2000 | CS 1800 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |




When using CP series mounted by screws the gas spring must be supported at all the times.
A flat support surface in contact with the whole surface of the gas spring body is always required.

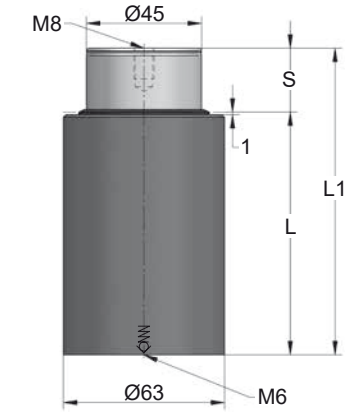


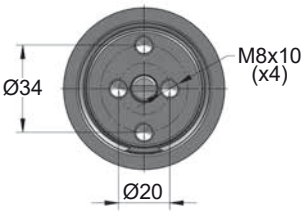

| CODE | | CPH 1700 050 V1 | KIT S-XXXXXXX | X | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CPH 2800 V1

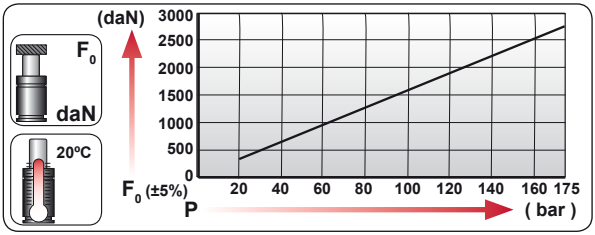
*Heavy Load*

AZOL GAS

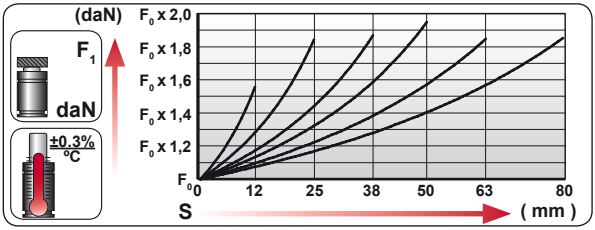


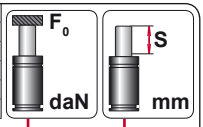

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CPH 2800 012 V1 | 12 | 94 | 82 | 1.58 |
| CPH 2800 025 V1 | 25 | 120 | 95 | 1.79 |
| CPH 2800 038 V1 | 38 | 150 | 112 | 2.04 |
| CPH 2800 050 V1 | 50 | 175 | 125 | 2.24 |
| CPH 2800 063 V1 | 63 | 210 | 147 | 2.53 |
| CPH 2800 080 V1 | 80 | 250 | 170 | 2.85 |




| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CPH 2800 050 V1 | | 170 | 2465 | 2700 | 5260 |
| --------- | | --- | --- | --- | --- |

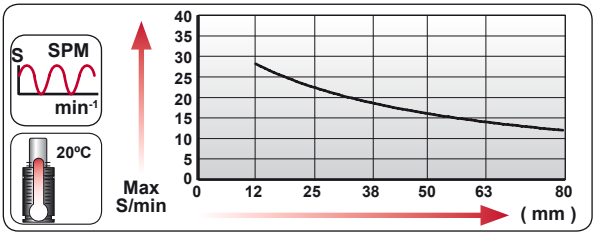


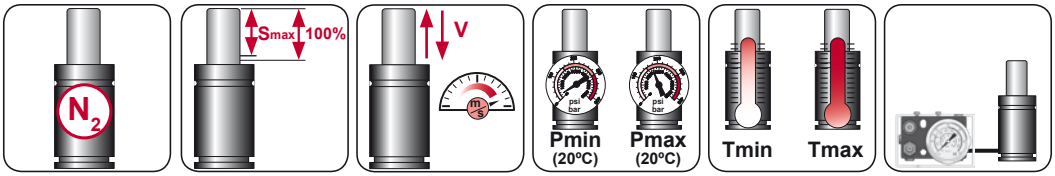

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CPH 2800 50

CPH 2800 050 V1



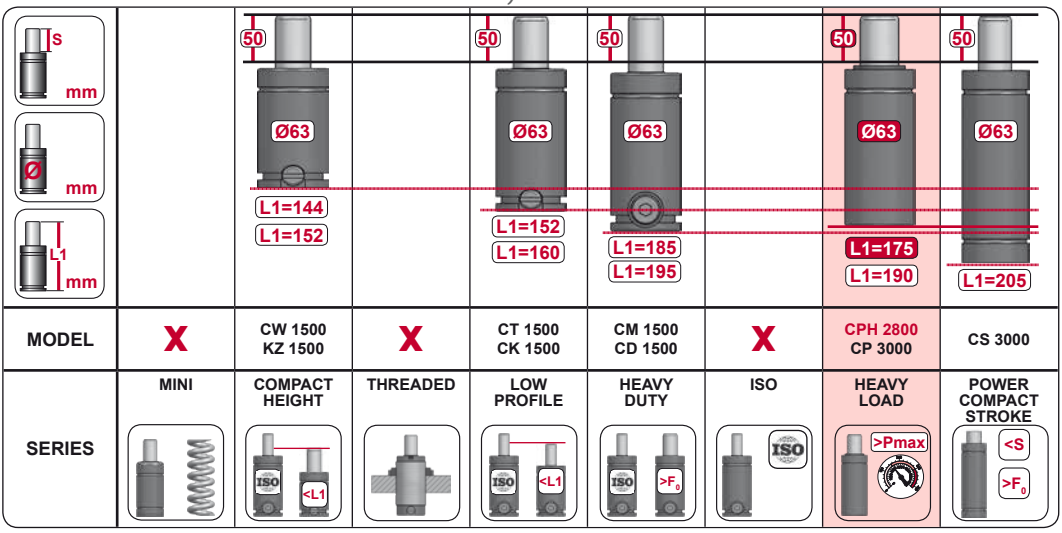




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 175 2540 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

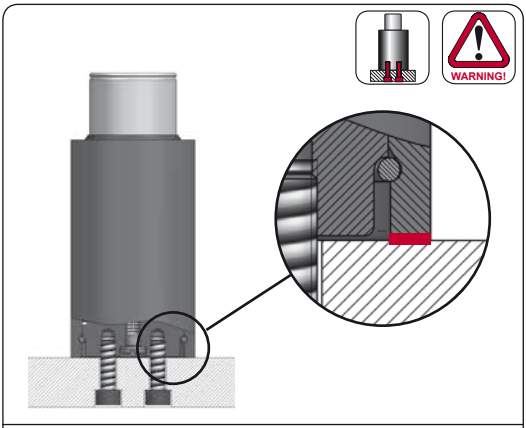
AZOL GAS

# CPH 2800 V1 MOUNTS

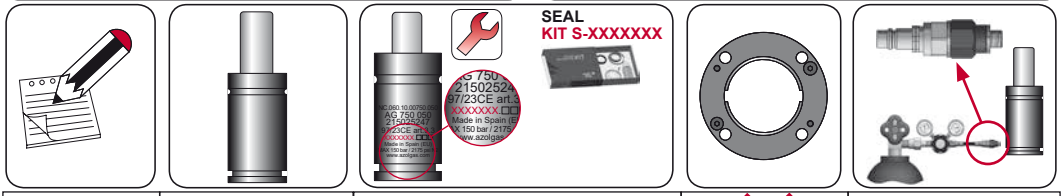
*Heavy Load*




| MODEL | X | CW 1500 KZ 1500 | X | CT 1500 CK 1500 | CM 1500 CD 1500 | X | CPH 2800 CP 3000 | CS 3000 |
|---|---|---|---|---|---|---|---|---|
| SERIES | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |




When using CP series mounted by screws the gas spring must be supported at all the times.
A flat support surface in contact with the whole surface of the gas spring body is always required.

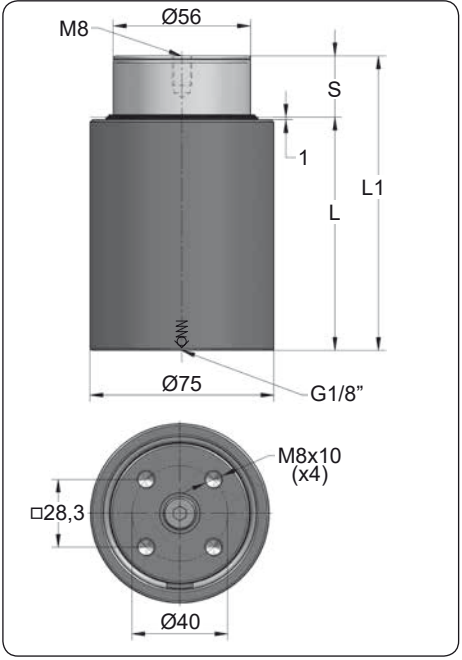



| CODE | | CPH 2800 050 V1 | KIT S-XXXXXXX | X | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

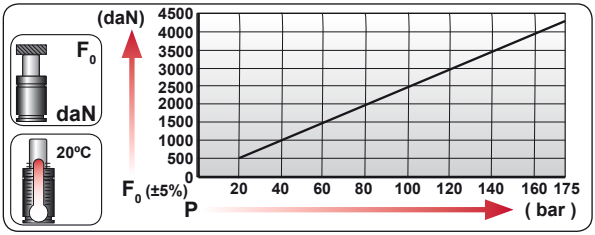
# CPH 4300 V1

*Heavy Load*

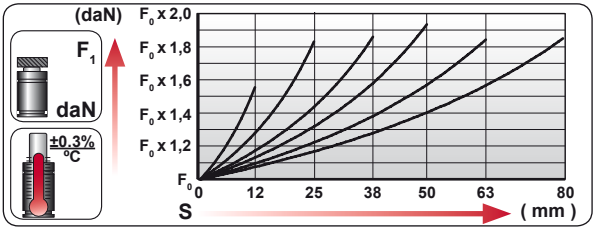
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CPH 4300 012 V1 | 12 | 94 | 82 | 2.26 |
| CPH 4300 025 V1 | 25 | 120 | 95 | 2.54 |
| CPH 4300 038 V1 | 38 | 150 | 112 | 2.87 |
| CPH 4300 050 V1 | 50 | 175 | 125 | 3.14 |
| CPH 4300 063 V1 | 63 | 210 | 147 | 3.52 |
| CPH 4300 080 V1 | 80 | 250 | 170 | 3.96 |




| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CPH 4300 050 V1 | | 170 | 2465 | 4190 | 8100 |
| --------- | | --- | --- | --- | --- |

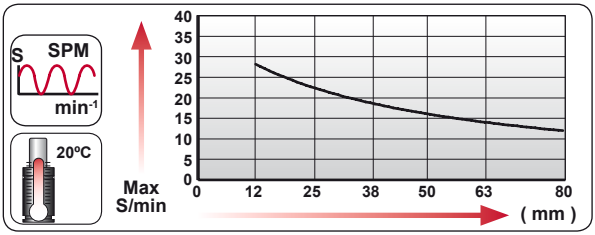


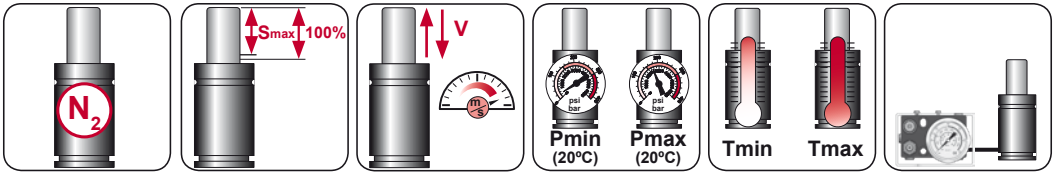

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CPH 4300 50

CPH 4300 050 V1



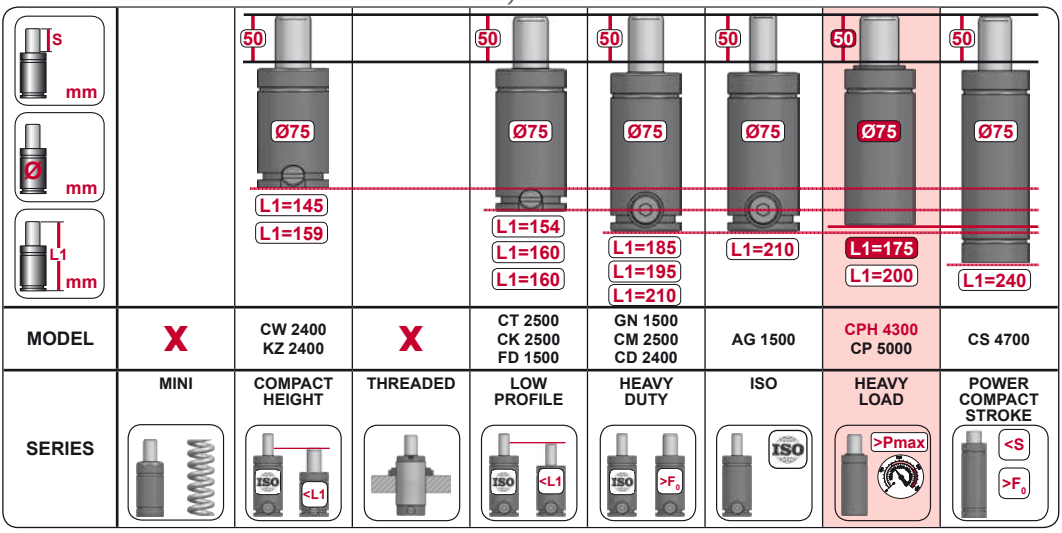




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 175 2540 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

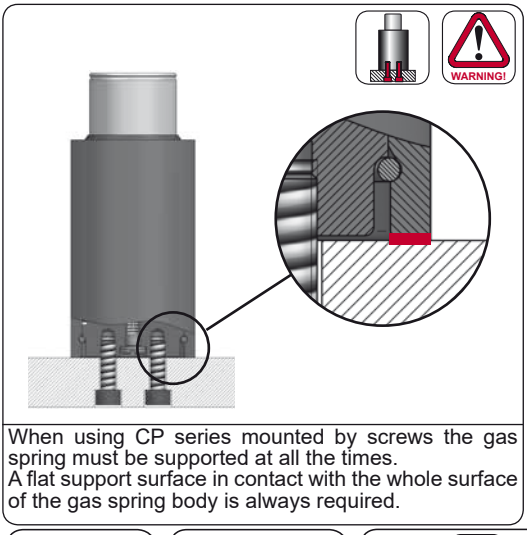
AZOL GAS

# CPH 4300 V1 MOUNTS

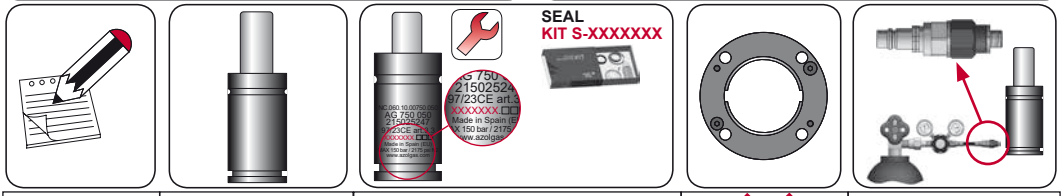
*Heavy Load*




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **MODEL** | X | CW 2400<br>KZ 2400 | X | CT 2500<br>CK 2500<br>FD 1500 | GN 1500<br>CM 2500<br>CD 2400 | AG 1500 | CPH 4300<br>CP 5000 | CS 4700 |
| **SERIES** | MINI | COMPACT HEIGHT | THREADED | LOW PROFILE | HEAVY DUTY | ISO | HEAVY LOAD | POWER COMPACT STROKE |




When using CP series mounted by screws the gas spring must be supported at all the times.
A flat support surface in contact with the whole surface of the gas spring body is always required.

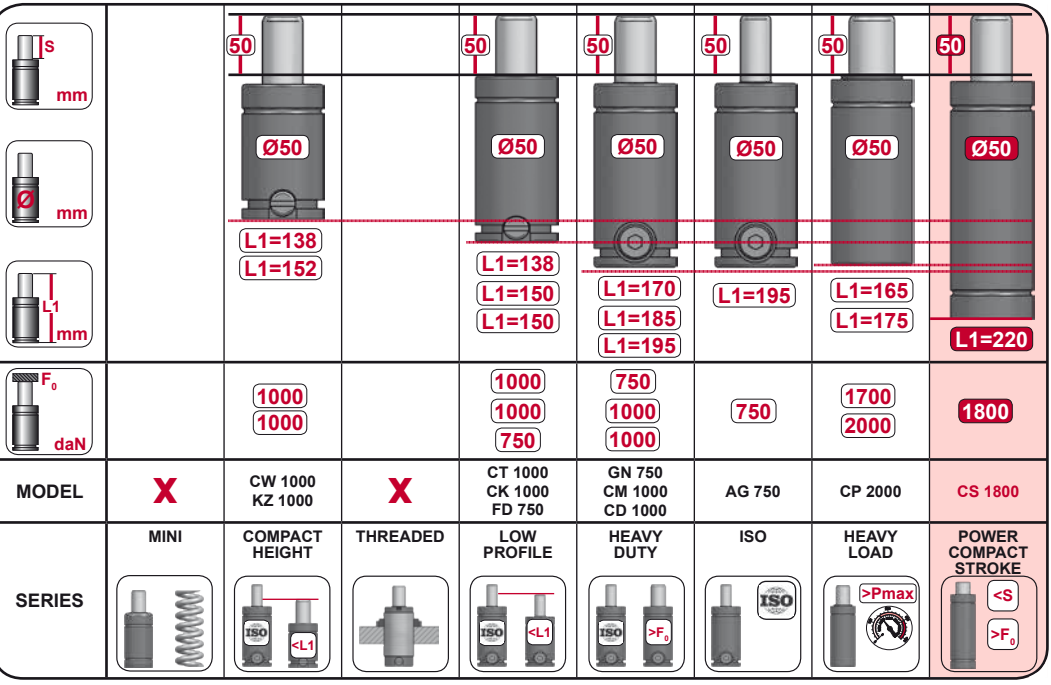



| CODE | | CPH 4300 050 V1 | KIT S-XXXXXXX | X | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# CS POWER COMPACT STROKE

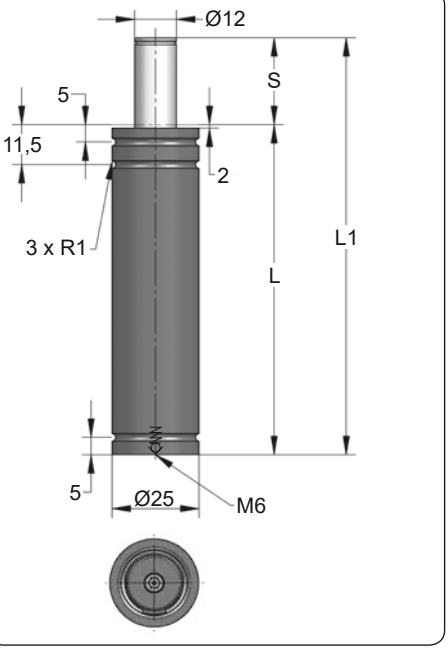
| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| CS 420 V1 | 420 | Ø25 | 6 - 50 | 56 - 195 | 165 | M6 | X | ✔ |
| CS 770 V2 | 770 | Ø32 | 6 - 50 | 63 - 195 | 150 | M6 | X | ✔ |
| CS 1000 V1 | 1000 | Ø38 | 6 - 50 | 61 - 230 | 150 | M6 | X | ✔ |
| CS 1800 V1 | 1800 | Ø50 | 6 - 65 | 66 - 271 | 150 | G1/8" | X | ✔ |
| CS 3000 V2 | 3000 | Ø63 | 10 - 65 | 85 - 256 | 150 | G1/8" | X | ✔ |
| CS 4700 V1 | 4700 | Ø75 | 10 - 65 | 80 - 273 | 150 | G1/8" | X | ✔ |
| CS 7500 V1 | 7500 | Ø95 | 10 - 65 | 90 - 279 | 150 | G1/8" | X | ✔ |
| CS 11800 V1 | 11800 | Ø120 | 10 - 65 | 100 - 320 | 150 | G1/8" | X | ✔ |
| CS 18300 V1 | 18300 | Ø150 | 10 - 65 | 110 - 323 | 150 | G1/8" | X | ✔ |



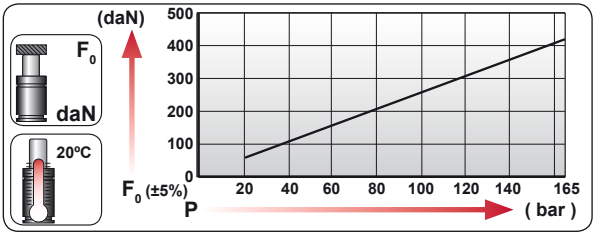
# CS 420 V1

*Power Compact Stroke*

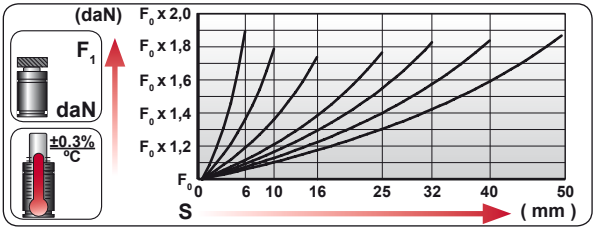
AZOL GAS



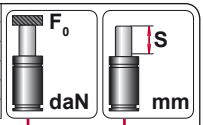

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS 420 006 V1 | 6 | 56 | 50 | 0.14 |
| CS 420 010 V1 | 10 | 70 | 60 | 0.16 |
| CS 420 016 V1 | 16 | 91 | 75 | 0.20 |
| CS 420 025 V1 | 25 | 120 | 95 | 0.24 |
| CS 420 032 V1 | 32 | 140 | 108 | 0.27 |
| CS 420 040 V1 | 40 | 165 | 125 | 0.31 |
| CS 420 050 V1 | 50 | 195 | 145 | 0.35 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CS 420 050 V1 | 165 | 2395 | 420 | 740 |
| --------- | --- | --- | --- | --- |

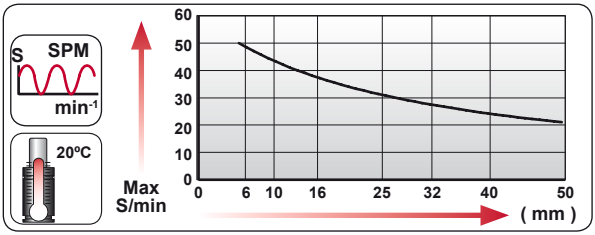


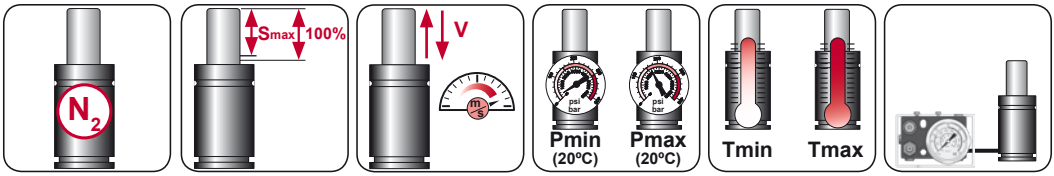

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CS 420 50

CS 420 050 V1



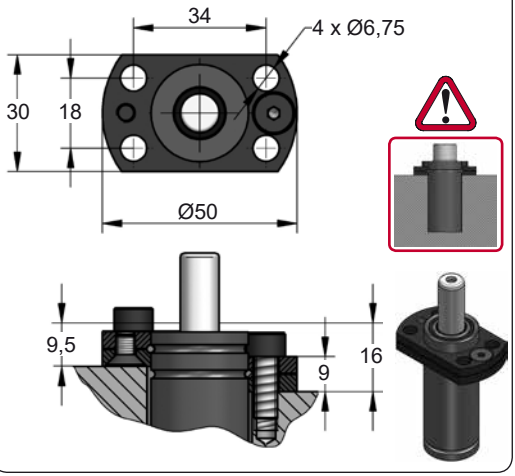

| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 165 2395 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

# CS 420 V1 MOUNTS

*Power Compact Stroke*

## A44-025

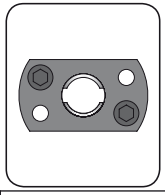


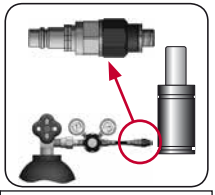










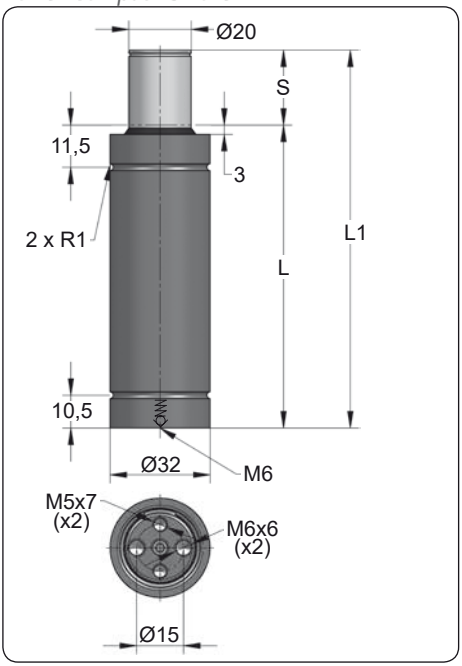


| CODE | | CS 420 050 V1 | KIT S-XXXXXXX | A44-025 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

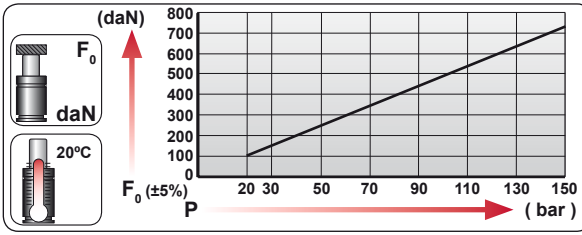
# CS 770 V2

*Power Compact Stroke*

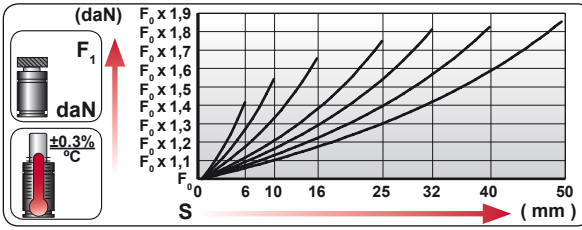
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS 770 006 V2 | 6 | 63 | 57 | 0.26 |
| CS 770 010 V2 | 10 | 75 | 65 | 0.28 |
| CS 770 016 V2 | 16 | 93 | 77 | 0.32 |
| CS 770 025 V2 | 25 | 120 | 95 | 0.38 |
| CS 770 032 V2 | 32 | 140 | 108 | 0.43 |
| CS 770 040 V2 | 40 | 165 | 125 | 0.48 |
| CS 770 050 V2 | 50 | 195 | 145 | 0.55 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CS 770 050 V2 | 150 | 2175 | 735 | 1365 |
| --------- | --- | --- | --- | --- |

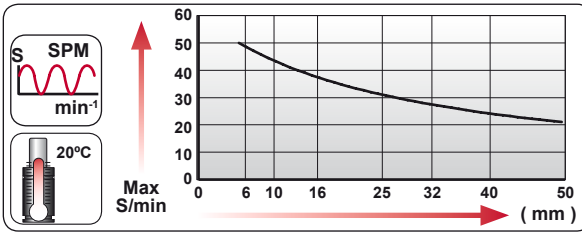


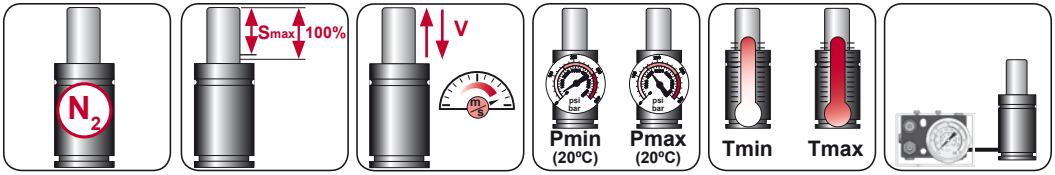

| | ENG | ORDER |
|---|---|---|
| | DEU | BESTELLUNG |
| | FRA | COMMANDE |
| | ITA | ORDINE |
| | ESP | PEDIDO |
| | POR | PEDIDO |

$F_0$ daN — S mm

CS 770 50

CS 770 050 V2




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

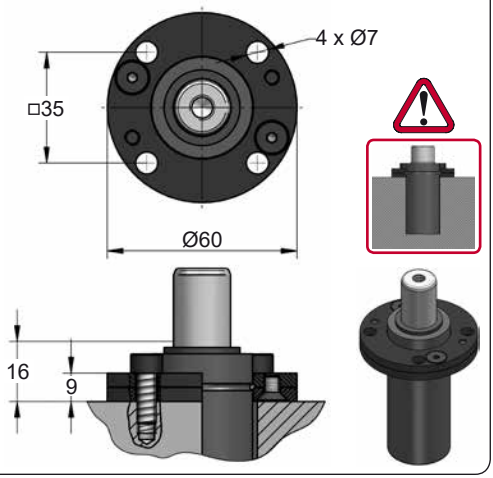
AZOL GAS

# CS 770 V2 MOUNTS

*Power Compact Stroke*

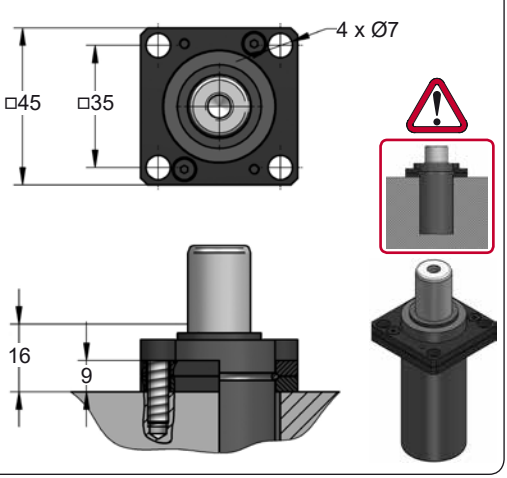
## A14-032

ISO E24.54.815.G EM24.54.700/F




## A34-032

VDI

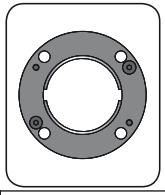


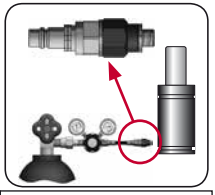












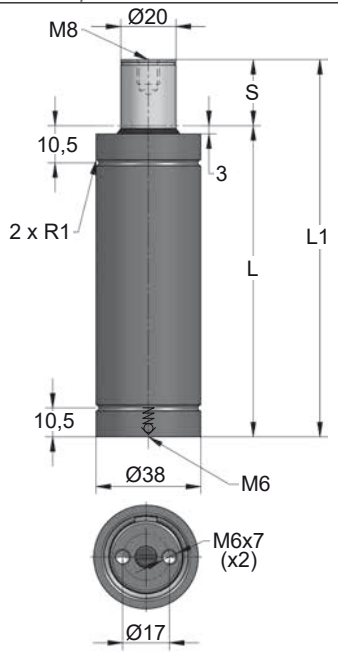
| CODE | | CS 770 050 V2 | KIT S-XXXXXXX | A14-032 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CS 1000 V1

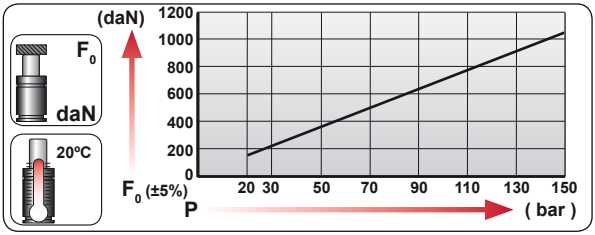
*Power Compact Stroke*

| BMW B2 4006 | | PSA E24.54.815.G |
|---|---|---|
| | | |
| | | |

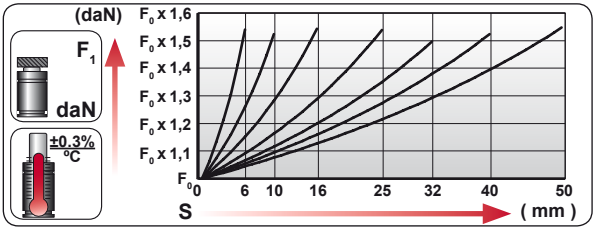
AZOL GAS



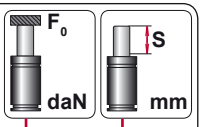

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS 1000 006 V1 | 6 | 61 | 55 | 0.36 |
| CS 1000 010 V1 | 10 | 78 | 68 | 0.41 |
| CS 1000 016 V1 | 16 | 100 | 84 | 0.47 |
| CS 1000 025 V1 | 25 | 135 | 110 | 0.57 |
| CS 1000 032 V1 | 32 | 167 | 135 | 0.66 |
| CS 1000 040 V1 | 40 | 195 | 155 | 0.74 |
| CS 1000 050 V1 | 50 | 230 | 180 | 0.84 |




| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| CS 1000 050 V1 | 150 | 2175 | 1060 | 1640 |
| --------- | --- | --- | --- | --- |

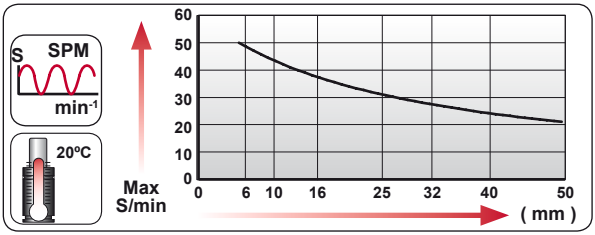


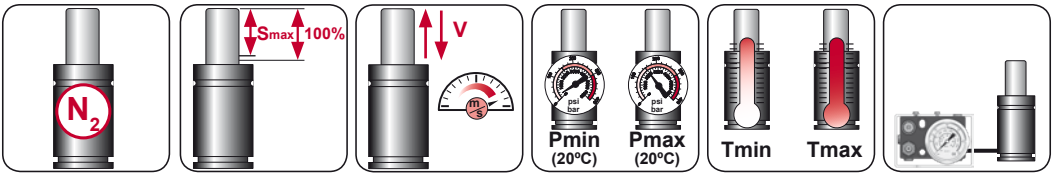

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CS 1000 50

CS 1000 050 V1




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

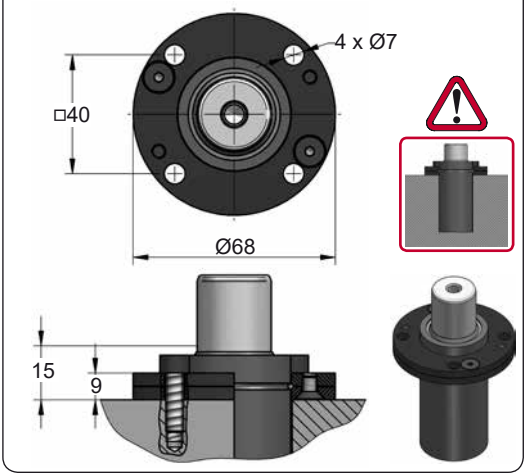
AZOL GAS

# CS 1000 V1 MOUNTS

*Power Compact Stroke*

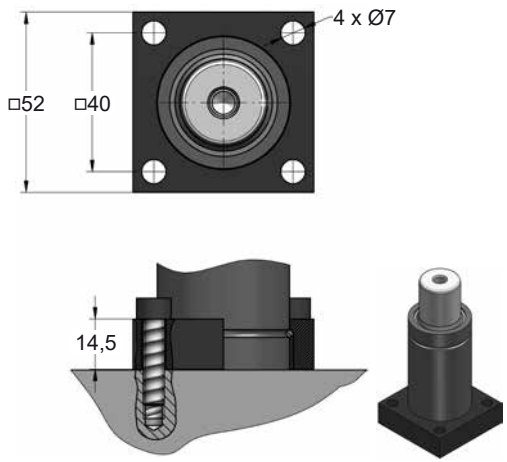
## A14-038

ISO · E24.54.815.G · EM24.54.700/F



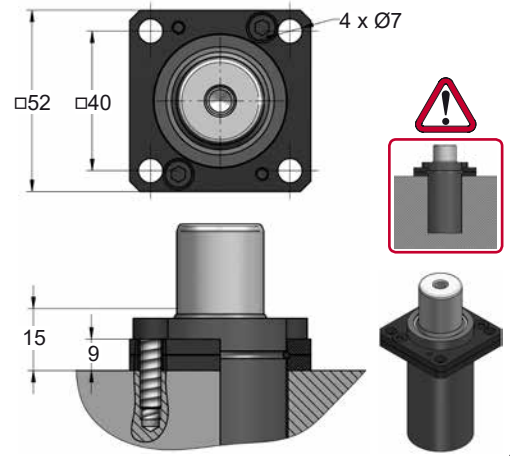

## A19-038

E24.54.815.G



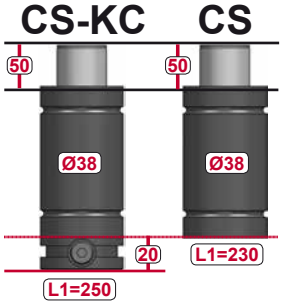

## A34-038

ISO · VDI







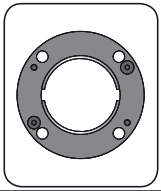


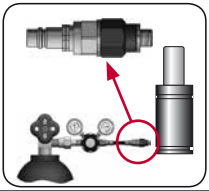

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CS 1000 050 V1 | | 150 | 2175 | 1060 | 1640 |
| CS-KC 1000 050 V1 | | 0 | 0 | --- | --- |







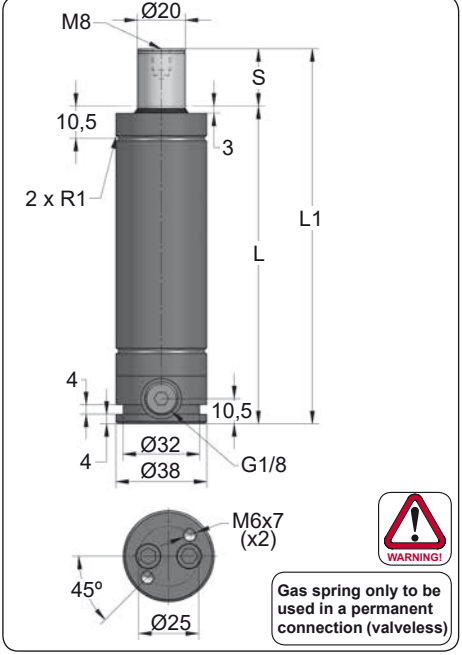


| CODE | CS 1000 050 V1 | KIT S-XXXXXXX | A14-038 | 06 CG 2-Q |
|---|---|---|---|---|
| ENG ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CS-KC 1000 V1

*Power Compact Stroke*

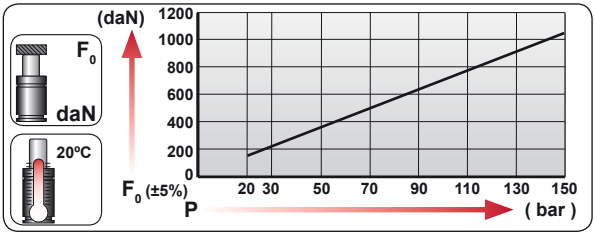
AZOL GAS

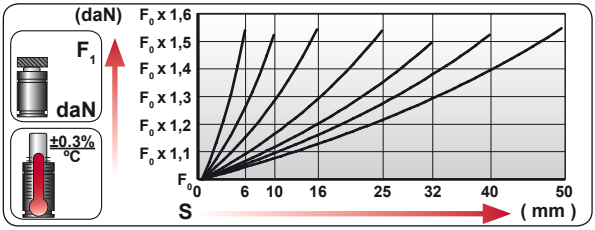



WARNING!

Gas spring only to be used in a permanent connection (valveless)

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS-KC 1000 006 V1 | 6 | 81 | 75 | 0.51 |
| CS-KC 1000 010 V1 | 10 | 98 | 88 | 0.56 |
| CS-KC 1000 016 V1 | 16 | 120 | 104 | 0.63 |
| CS-KC 1000 025 V1 | 25 | 155 | 130 | 0.73 |
| CS-KC 1000 032 V1 | 32 | 187 | 155 | 0.82 |
| CS-KC 1000 040 V1 | 40 | 215 | 175 | 0.90 |
| CS-KC 1000 050 V1 | 50 | 250 | 200 | 1.00 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CS-KC 1000 050 V1 | 0 | 0 | - - - | - - - |

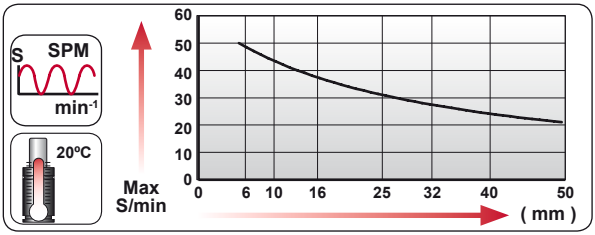
| | |
|---|---|
| ENG | Gas spring only to be used in a permanent connection (valveless) |
| DEU | Gasdruckfeder kann nur im Verbund eingesetzt werden (ohne Ventil) |
| FRA | Ressort à gaz ne peut être utilisé que relié dans une connexion (sans valve) |
| ITA | Cilindro può essere utilizzato solo in una connessione permanente (senza valvola) |
| ESP | Cilindro de gas sólo puede ser usado en un sistema conexionado (sin válvula) |
| POR | Cilindro de gás apenas pode ser utilizado em um sistema interligado (sem válvula) |

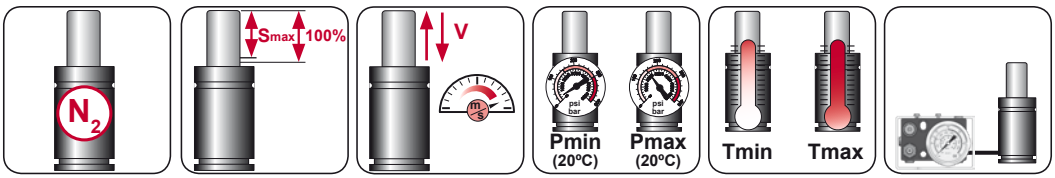
| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

CS-KC 1000 50

CS-KC 1000 050 V1




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

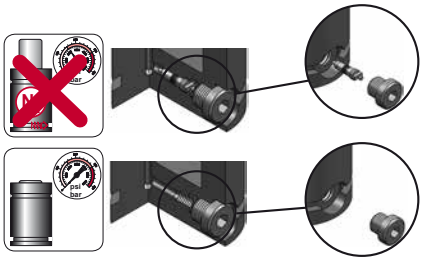
# CS-KC 1000 V1 MOUNTS

*Power Compact Stroke*

## ONLY PERMANENT HOSED GAS SPRINGS

WARNING!

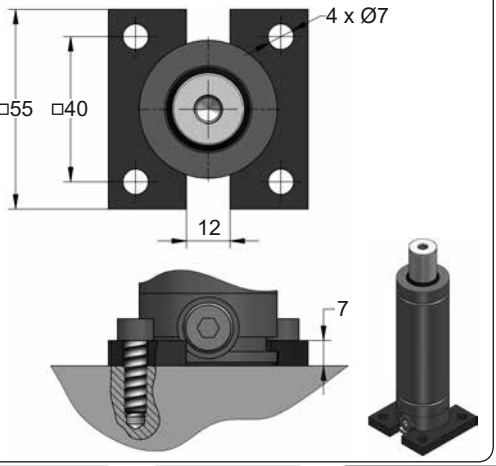
| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| ---------- | | --- | --- | --- | --- |
| CS-KC 1000 050 V1 | | 0 | 0 | --- | --- |



| | | |
|---|---|---|
| ENG | Hosed gas spring | Gas spring delivered unfilled and it can only be used in a permanent connection (valveless) |
| DEU | Gasdruckfeder zum verschlauchen | Gasdruckfeder wird drucklos angeliefert und kann nur im Verbund eingesetzt werden (ohne Ventil) |
| FRA | Ressort à gaz relié | Ressort à gaz fourni non chargé et il ne peut être utilisé que relié dans une connexion permanente (sans valve de charge) |
| ITA | Cilindro collegabile | Cilindro fornito scarico e può essere utilizzato solo in una connessione permanente (senza valvola unidirezionale) |
| ESP | Cilindro conexionable | Cilindro de gas suministrado descargado y sólo puede ser usado en un sistema conexionado permanente (sin válvula de carga) |
| POR | Cilindro de gas interligado | Cilindro de gás fornecido descarregado, apenas pode ser utilizado em um sistema interligado permanente (sem válvula de carga) |

## C20-038

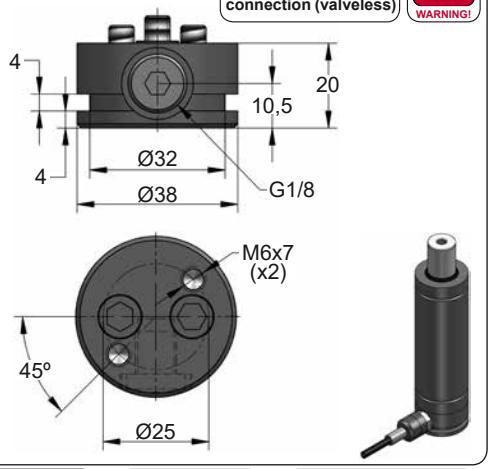
E24.54.815.G
EM24.54.700/F

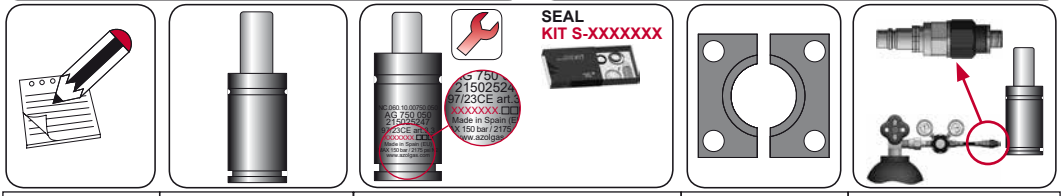



## KC 1000

Gas spring only to be used in a permanent connection (valveless)

WARNING!



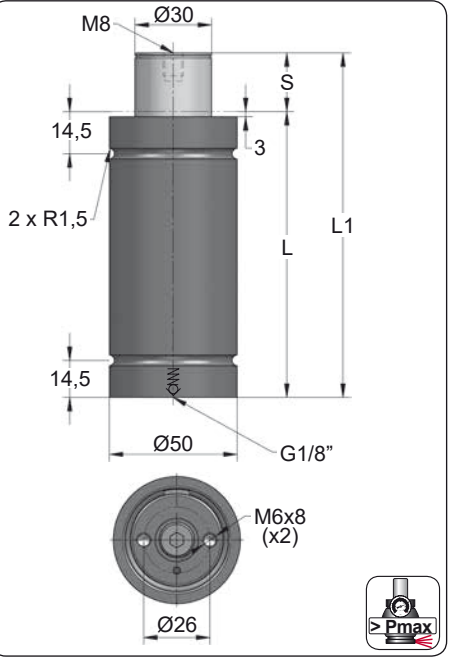

| CODE | | CS-KC 1000 050 V1 | KIT S-XXXXXXX | C20-038 | SKK 12R 1/8 |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CS 1800 V1

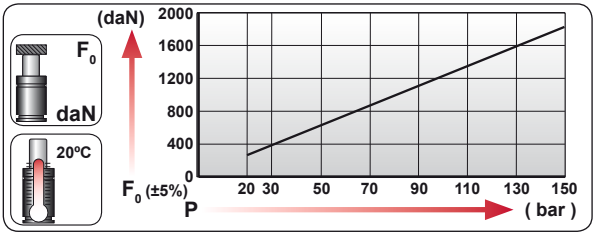
*Power Compact Stroke*

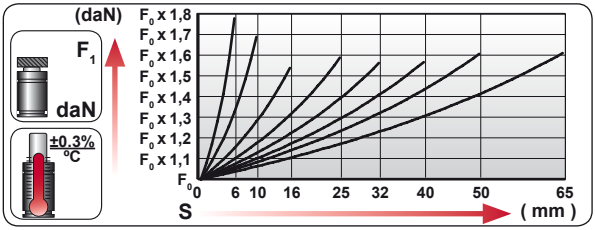
| BMW B2 4006 | | PSA E24.54.815.G |
|---|---|---|
| | | |
| | | |

AZOL GAS



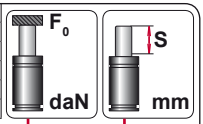

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS 1800 006 V1 | 6 | 66 | 60 | 0.68 |
| CS 1800 010 V1 | 10 | 80 | 70 | 0.75 |
| CS 1800 016 V1 | 16 | 106 | 90 | 0.88 |
| CS 1800 025 V1 | 25 | 135 | 110 | 1.02 |
| CS 1800 032 V1 | 32 | 162 | 130 | 1.16 |
| CS 1800 040 V1 | 40 | 190 | 150 | 1.30 |
| CS 1800 050 V1 | 50 | 220 | 170 | 1.45 |
| CS 1800 065 V1 | 65 | 271 | 206 | 1.70 |



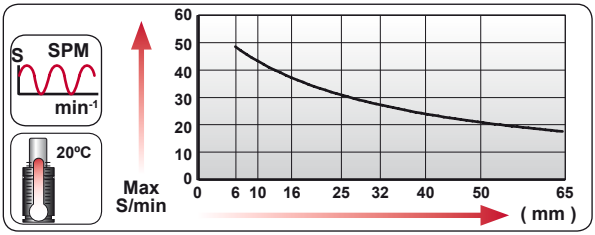

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CS 1800 050 V1 | 150 | 2175 | 1885 | 3015 |
| --------- | --- | --- | --- | --- |

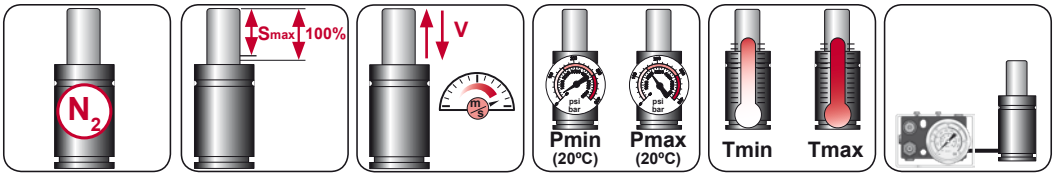
| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CS 1800 50

CS 1800 050 V1



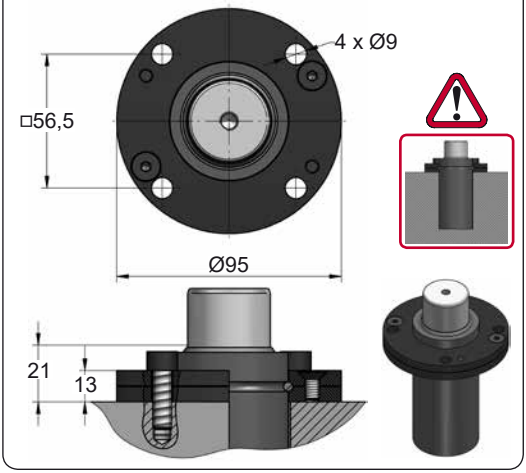

| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

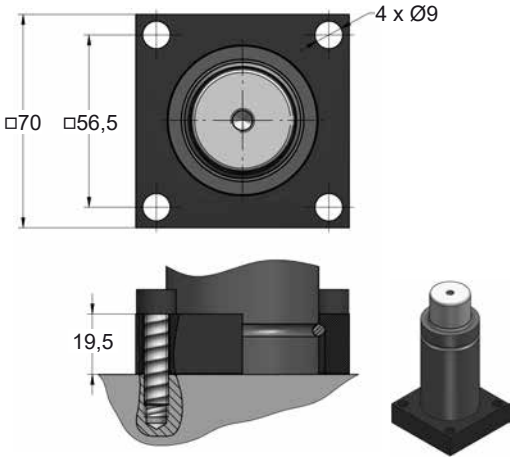
# CS 1800 V1 MOUNTS

*Power Compact Stroke*

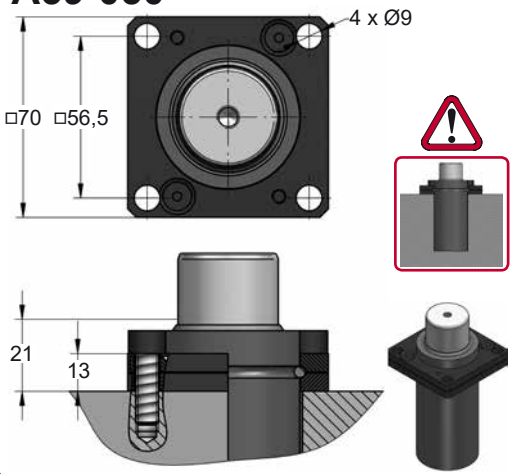
## A49-050

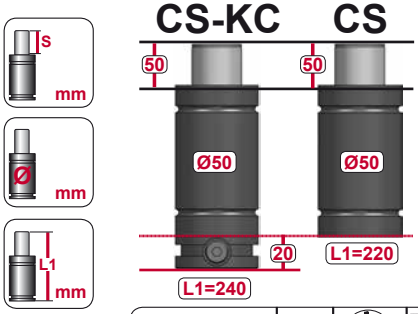



## A54-050




## A59-050



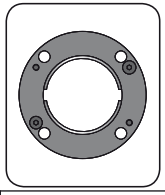



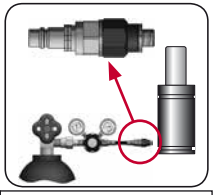

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CS 1800 050 V1 | | 150 | 2175 | 1885 | 3015 |
| CS-KC 1800 050 V1 | | 0 | 0 | --- | --- |







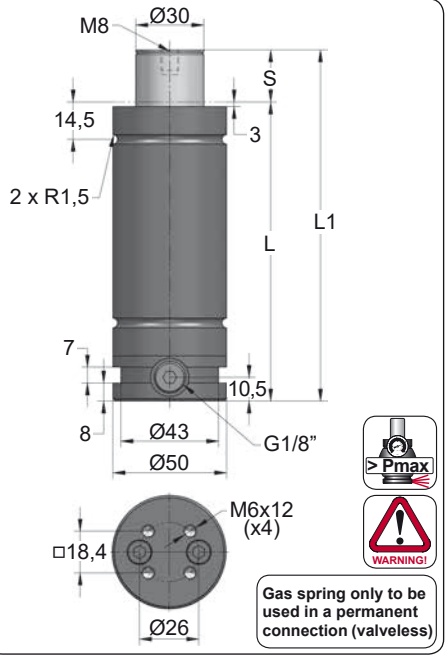


| CODE | | CS 1800 050 V1 | KIT S-XXXXXXX | A49-050 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CS-KC 1800 V1

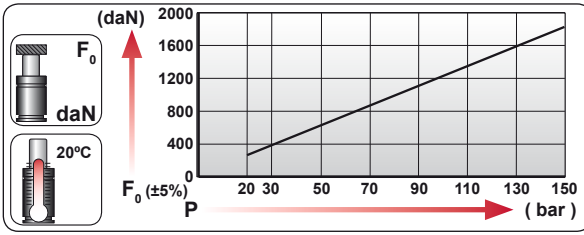
*Power Compact Stroke*

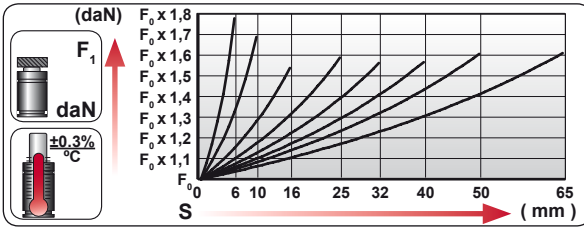
AZOL GAS




Gas spring only to be used in a permanent connection (valveless)

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS-KC 1800 006 V1 | 6 | 86 | 80 | 0.95 |
| CS-KC 1800 010 V1 | 10 | 100 | 90 | 1.02 |
| CS-KC 1800 016 V1 | 16 | 126 | 110 | 1.15 |
| CS-KC 1800 025 V1 | 25 | 155 | 130 | 1.29 |
| CS-KC 1800 032 V1 | 32 | 182 | 150 | 1.43 |
| CS-KC 1800 040 V1 | 40 | 210 | 170 | 1.57 |
| CS-KC 1800 050 V1 | 50 | 240 | 190 | 1.71 |
| CS-KC 1800 065 V1 | 65 | 291 | 226 | 1.97 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CS-KC 1800 050 V1 | 0 | 0 | - - - | - - - |

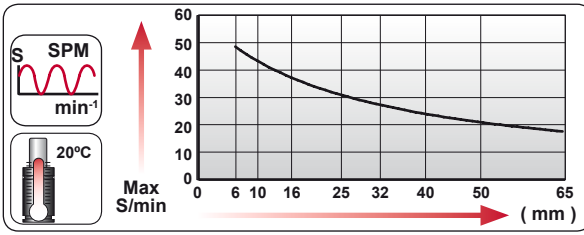
| | |
|---|---|
| ENG | Gas spring only to be used in a permanent connection (valveless) |
| DEU | Gasdruckfeder kann nur im Verbund eingesetzt werden (ohne Ventil) |
| FRA | Ressort à gaz ne peut être utilisé que relié dans une connexion (sans valve) |
| ITA | Cilindro può essere utilizzato solo in una connessione permanente (senza valvola) |
| ESP | Cilindro de gas sólo puede ser usado en un sistema conexionado (sin válvula) |
| POR | Cilindro de gás apenas pode ser utilizado em um sistema interligado (sem válvula) |

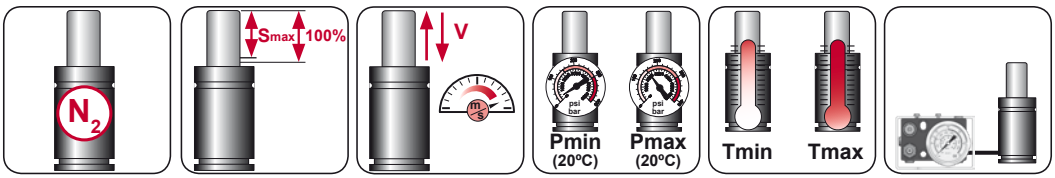
| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

CS-KC 1800 50

CS-KC 1800 050 V1




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

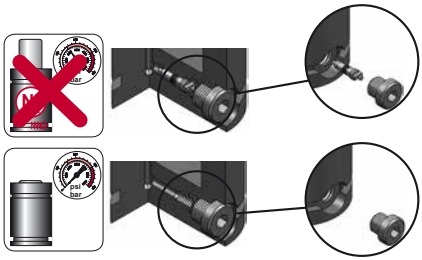
# CS-KC 1800 V1 MOUNTS

*Power Compact Stroke*

## ONLY PERMANENT HOSED GAS SPRINGS

WARNING!

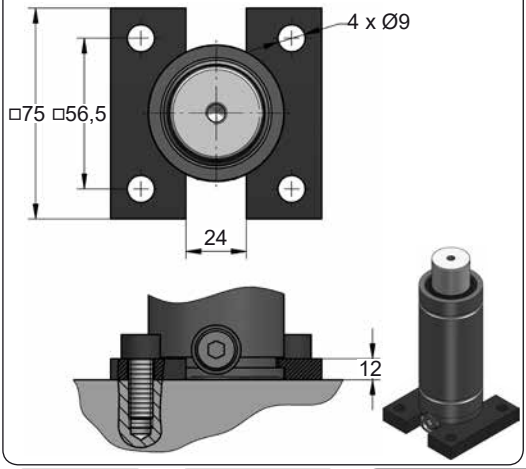
| CODE | | $P_0$ bar | $P_1$ bar | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| | | bar | psi | daN | daN |
| ---------- | | --- | --- | --- | --- |
| CS-KC 1800 050 V1 | | 0 | 0 | --- | --- |



| | | |
|---|---|---|
| ENG | Hosed gas spring | Gas spring delivered unfilled and it can only be used in a permanent connection (valveless) |
| DEU | Gasdruckfeder zum verschlauchen | Gasdruckfeder wird drucklos angeliefert und kann nur im Verbund eingesetzt werden (ohne Ventil) |
| FRA | Ressort à gaz relié | Ressort à gaz fourni non chargé et il ne peut être utilisé que relié dans une connexion permanente (sans valve de charge) |
| ITA | Cilindro collegabile | Cilindro fornito scarico e può essere utilizzato solo in una connessione permanente (senza valvola unidirezionale) |
| ESP | Cilindro conexionable | Cilindro de gas suministrado descargado y sólo puede ser usado en un sistema conexionado permanente (sin válvula de carga) |
| POR | Cilindro de gas interligado | Cilindro de gás fornecido descarregado, apenas pode ser utilizado em um sistema interligado permanente (sem válvula de carga) |

## C20-050

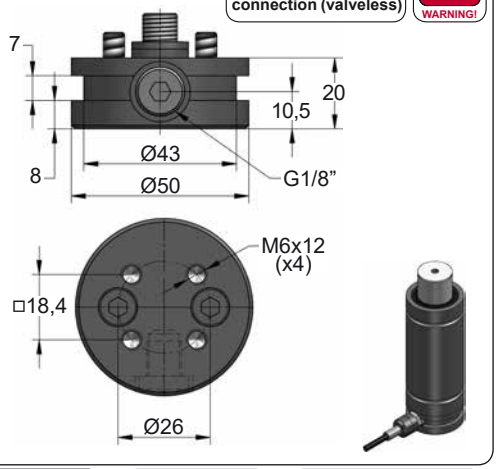
E24.54.815.G
EM24.54.700/F




## KC 1800

Gas spring only to be used in a permanent connection (valveless)

WARNING!

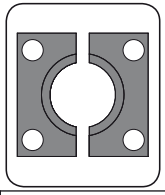


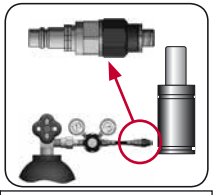










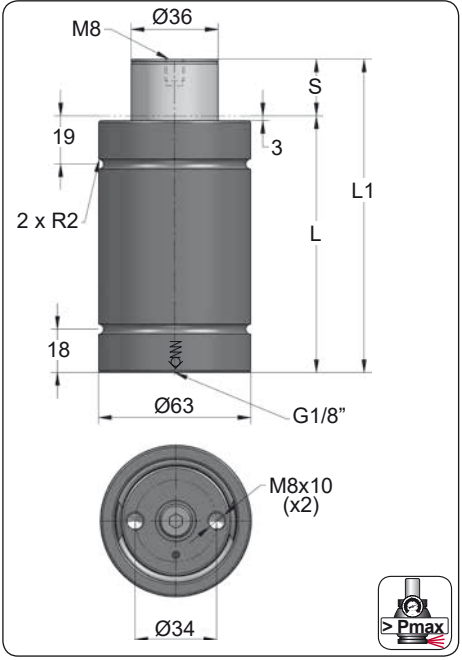


| CODE | | CS-KC 1800 050 V1 | KIT S-XXXXXXX | C20-050 | SKK 12R 1/8 |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

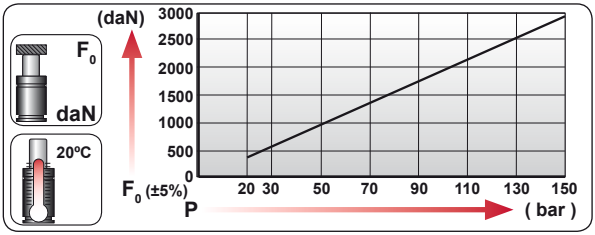
# CS 3000 V2

*Power Compact Stroke*

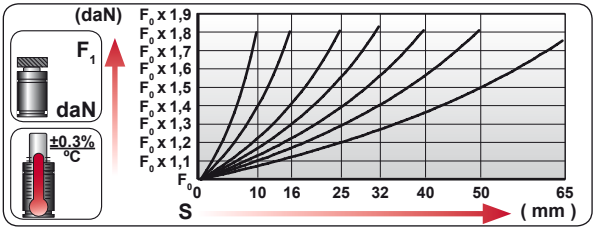
AZOL GAS



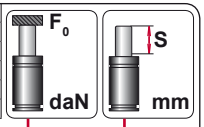

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS 3000 010 V2 | 10 | 85 | 75 | 1.32 |
| CS 3000 016 V2 | 16 | 103 | 87 | 1.46 |
| CS 3000 025 V2 | 25 | 130 | 105 | 1.66 |
| CS 3000 032 V2 | 32 | 150 | 118 | 1.81 |
| CS 3000 040 V2 | 40 | 175 | 135 | 2.00 |
| CS 3000 050 V2 | 50 | 205 | 155 | 2.23 |
| CS 3000 065 V2 | 65 | 256 | 191 | 2.62 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CS 3000 050 V2 | 150 | 2175 | 2945 | 5385 |
| --------- | --- | --- | --- | --- |

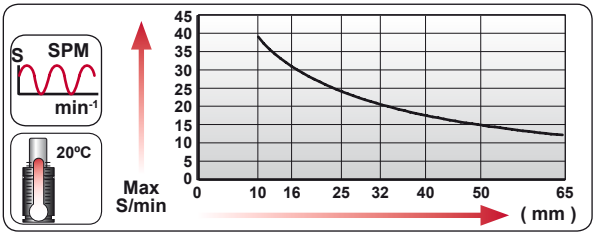


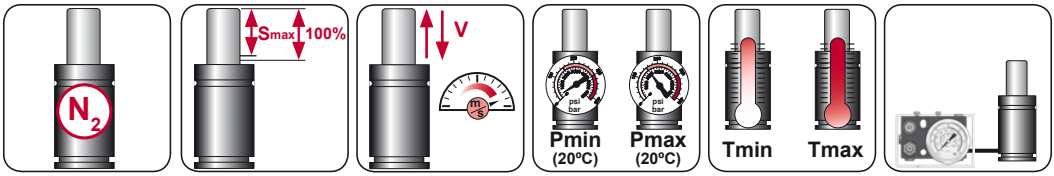

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CS 3000 50

CS 3000 050 V2



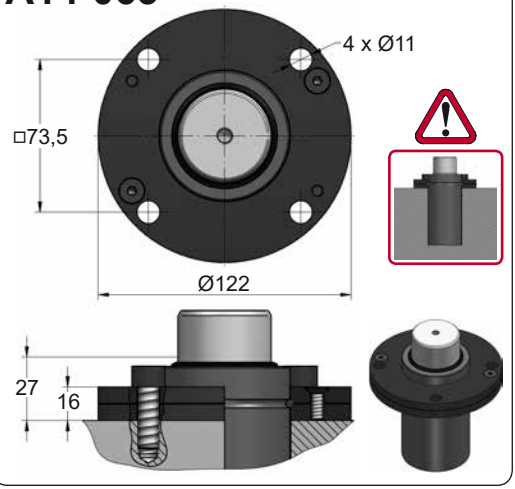

| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

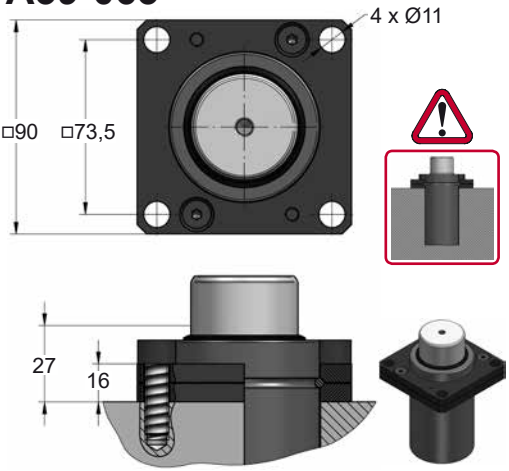
# CS 3000 V2 MOUNTS

*Power Compact Stroke*

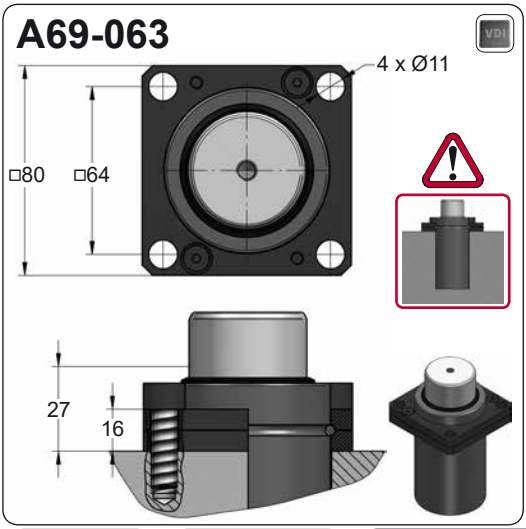
## A14-063

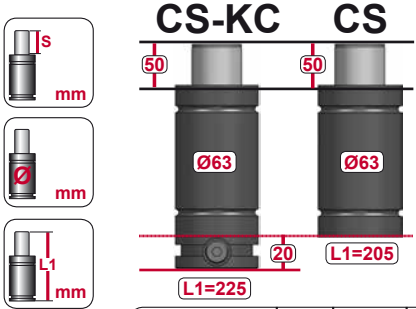



## A39-063




## A69-063



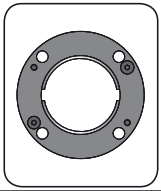



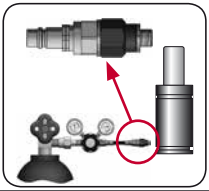

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CS 3000 050 V1 | | 150 | 2175 | 2945 | 5385 |
| CS-KC 3000 050 V1 | | 0 | 0 | --- | --- |







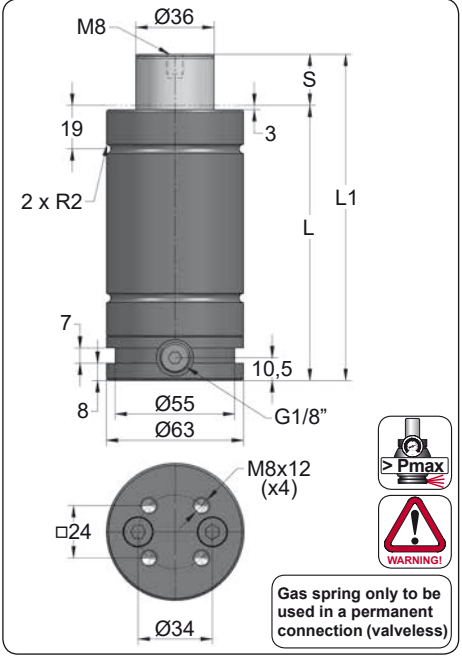


| CODE | | CS 3000 050 V2 | KIT S-XXXXXXX | A14-063 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

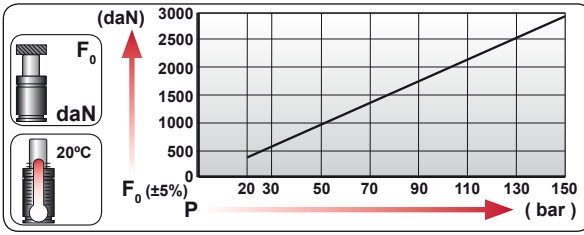
# CS-KC 3000 V2

*Power Compact Stroke*

AZOL GAS

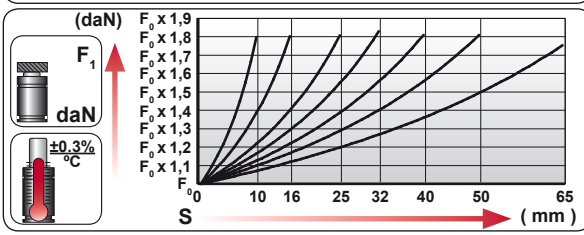



| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS-KC 3000 010 V2 | 10 | 105 | 95 | 1.74 |
| CS-KC 3000 016 V2 | 16 | 123 | 107 | 1.88 |
| CS-KC 3000 025 V2 | 25 | 150 | 125 | 2.08 |
| CS-KC 3000 032 V2 | 32 | 170 | 138 | 2.23 |
| CS-KC 3000 040 V2 | 40 | 195 | 155 | 2.42 |
| CS-KC 3000 050 V2 | 50 | 225 | 175 | 2.65 |
| CS-KC 3000 065 V2 | 65 | 276 | 211 | 3.04 |




| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| CS-KC 3000 050 V2 | 0 | 0 | - - - | - - - |

ENG Gas spring only to be used in a permanent connection (valveless)
DEU Gasdruckfeder kann nur im Verbund eingesetzt werden (ohne Ventil)
FRA Ressort à gaz ne peut être utilisé que relié dans une connexion (sans valve)
ITA Cilindro può essere utilizzato solo in una connessione permanente (senza valvola)
ESP Cilindro de gas sólo puede ser usado en un sistema conexionado (sin válvula)
POR Cilindro de gás apenas pode ser utilizado em um sistema interligado (sem válvula)

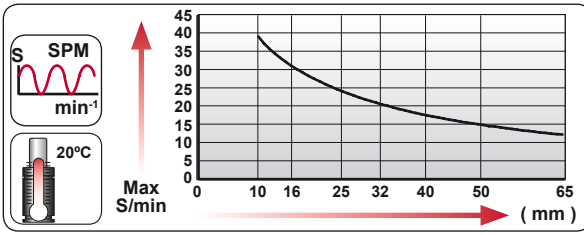


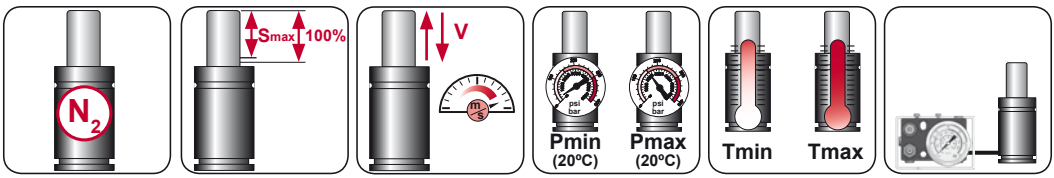

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN — S mm

CS-KC 3000 — 50

CS-KC 3000 050 V2




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

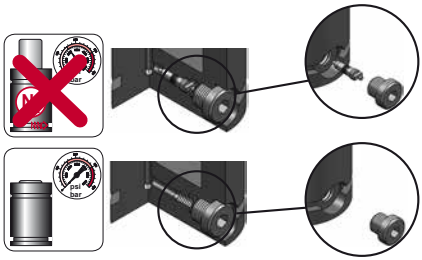
# CS-KC 3000 V2 MOUNTS

*Power Compact Stroke*

## ONLY PERMANENT HOSED GAS SPRINGS

WARNING!

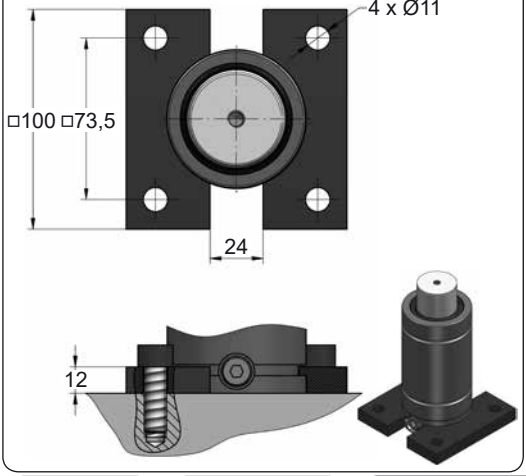
| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| ---------- | | --- | --- | --- | --- |
| CS-KC 3000 050 V2 | | 0 | 0 | --- | --- |



| | | |
|---|---|---|
| ENG | Hosed gas spring | Gas spring delivered unfilled and it can only be used in a permanent connection (valveless) |
| DEU | Gasdruckfeder zum verschlauchen | Gasdruckfeder wird drucklos angeliefert und kann nur im Verbund eingesetzt werden (ohne Ventil) |
| FRA | Ressort à gaz relié | Ressort à gaz fourni non chargé et il ne peut être utilisé que relié dans une connexion permanente (sans valve de charge) |
| ITA | Cilindro collegabile | Cilindro fornito scarico e può essere utilizzato solo in una connessione permanente (senza valvola unidirezionale) |
| ESP | Cilindro conexionable | Cilindro de gas suministrado descargado y sólo puede ser usado en un sistema conexionado permanente (sin válvula de carga) |
| POR | Cilindro de gas interligado | Cilindro de gás fornecido descarregado, apenas pode ser utilizado em um sistema interligado permanente (sem válvula de carga) |

## C35-063

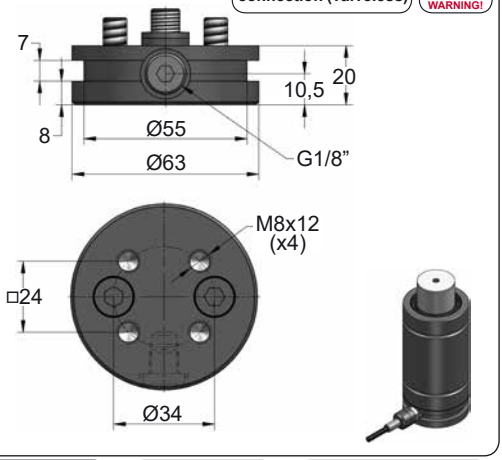
VDI




## KC 3000

Gas spring only to be used in a permanent connection (valveless)

WARNING!







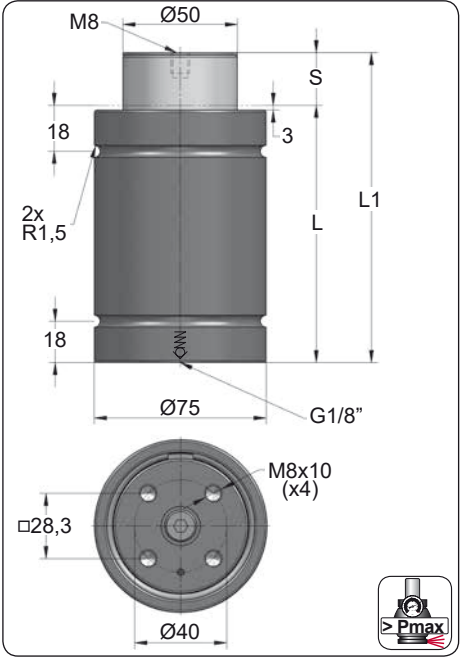
| CODE | | CS-KC 3000 050 V2 | KIT S-XXXXXXX | C35-063 | SKK 12R 1/8 |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CS 4700 V1

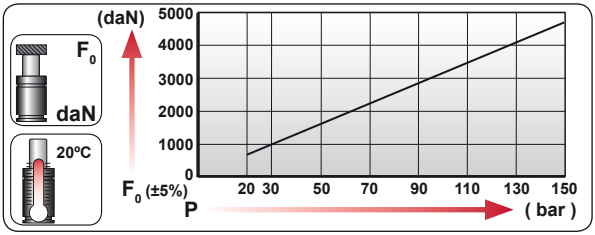
*Power Compact Stroke*

| BMW B2 4006 | | PSA E24.54.815.G |
|---|---|---|
| | | |
| | | |

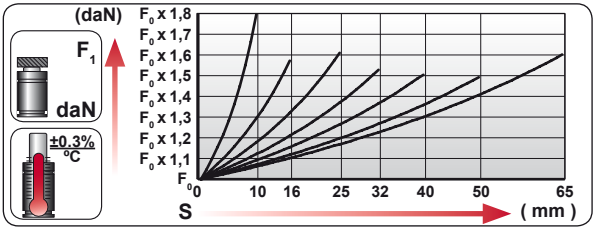
AZOL GAS



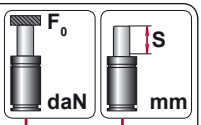

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS 4700 010 V1 | 10 | 80 | 70 | 1.70 |
| CS 4700 016 V1 | 16 | 106 | 90 | 1.94 |
| CS 4700 025 V1 | 25 | 135 | 110 | 2.20 |
| CS 4700 032 V1 | 32 | 167 | 135 | 2.49 |
| CS 4700 040 V1 | 40 | 200 | 160 | 2.79 |
| CS 4700 050 V1 | 50 | 240 | 190 | 3.15 |
| CS 4700 065 V1 | 65 | 273 | 208 | 3.42 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CS 4700 050 V1 | 150 | 2175 | 4675 | 6885 |
| --------- | --- | --- | --- | --- |

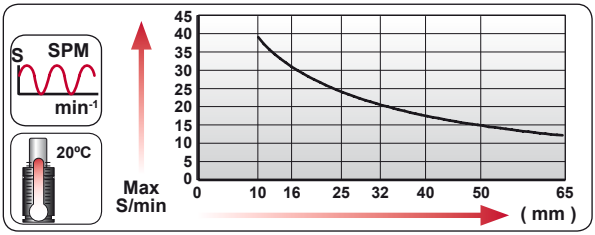


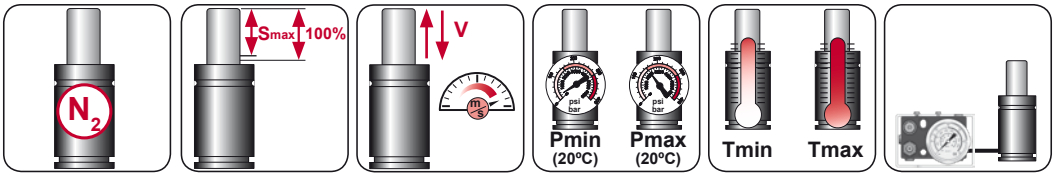

| | ENG | ORDER |
|---|---|---|
| | DEU | BESTELLUNG |
| | FRA | COMMANDE |
| | ITA | ORDINE |
| | ESP | PEDIDO |
| | POR | PEDIDO |




CS 4700 50

CS 4700 050 V1



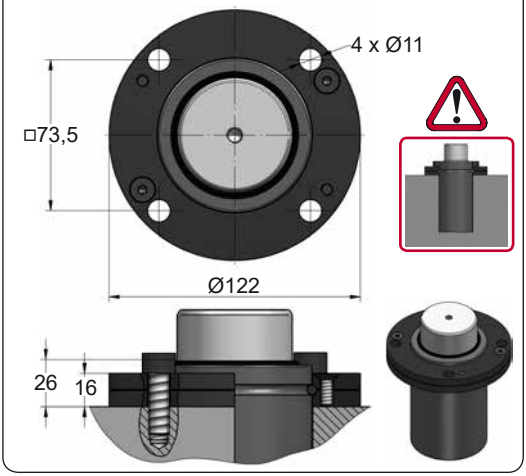

| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

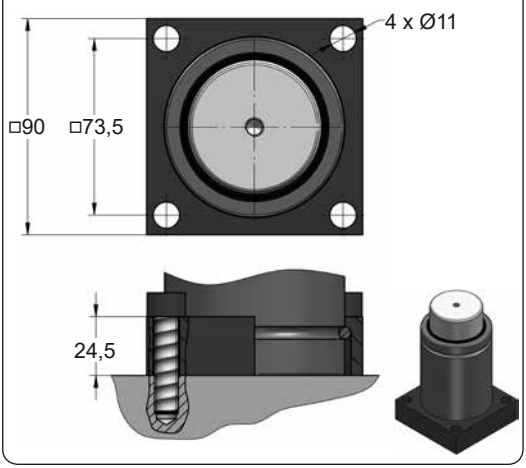
# CS 4700 V1 MOUNTS

*Power Compact Stroke*

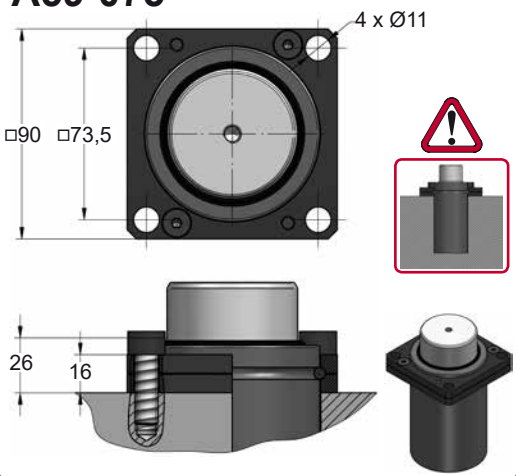
## A49-075

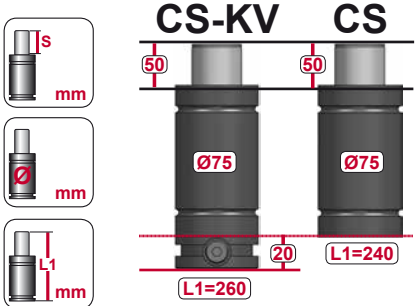



## A54-075




## A59-075



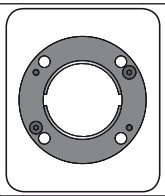



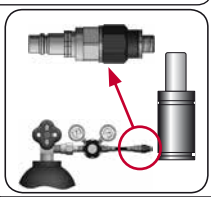

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CS 4700 050 V1 | | 150 | 2175 | 4675 | 6885 |
| CS-KV 4700 050 V1 | | 150 | 2175 | 4675 | 6885 |







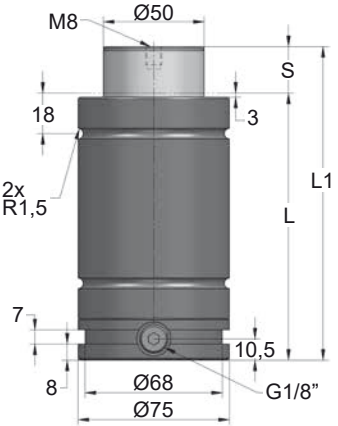


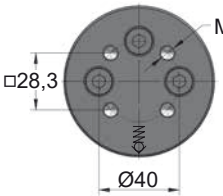
| CODE | | CS 4700 050 V1 | KIT S-XXXXXXX | A49-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CS-KV 4700 V1

*Power Compact Stroke*

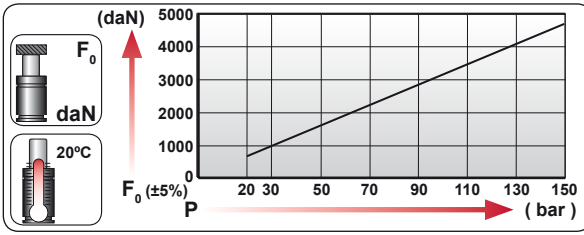
AZOL GAS

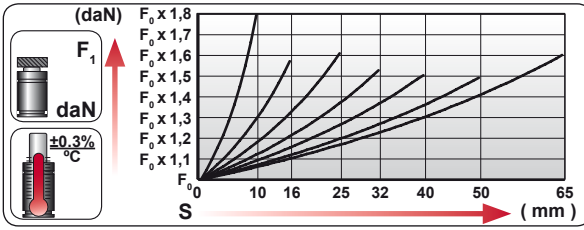



> Pmax

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS-KV 4700 010 V1 | 10 | 100 | 90 | 2.35 |
| CS-KV 4700 016 V1 | 16 | 126 | 110 | 2.59 |
| CS-KV 4700 025 V1 | 25 | 155 | 130 | 2.84 |
| CS-KV 4700 032 V1 | 32 | 187 | 155 | 3.14 |
| CS-KV 4700 040 V1 | 40 | 220 | 180 | 3.44 |
| CS-KV 4700 050 V1 | 50 | 260 | 210 | 3.80 |
| CS-KV 4700 065 V1 | 65 | 293 | 228 | 4.07 |



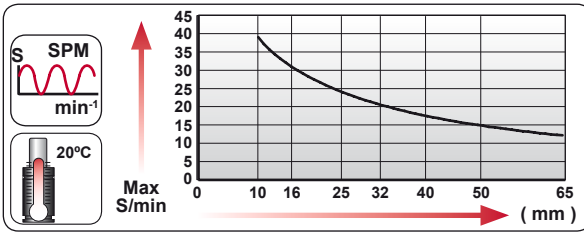

| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| CS-KV 4700 050 V1 | 150 | 2175 | 4675 | 6885 |
| CS-KV-H 4700 050 V1 | 0 | 0 | --- | --- |

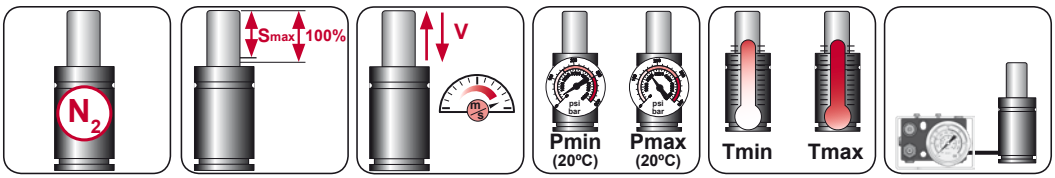
| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN — S mm

CS-KV 4700 — 50

CS-KV 4700 050 V1




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

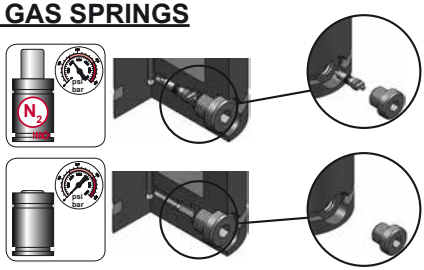
AZOL GAS

# CS-KV 4700 V1 MOUNTS

*Power Compact Stroke*

## SELF-CONTAINED OR HOSED GAS SPRINGS

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CS-KV 4700 050 V1 | | 150 | 2175 | 4675 | 6885 |
| CS-KV-H 4700 050 V1 | | 0 | 0 | --- | --- |





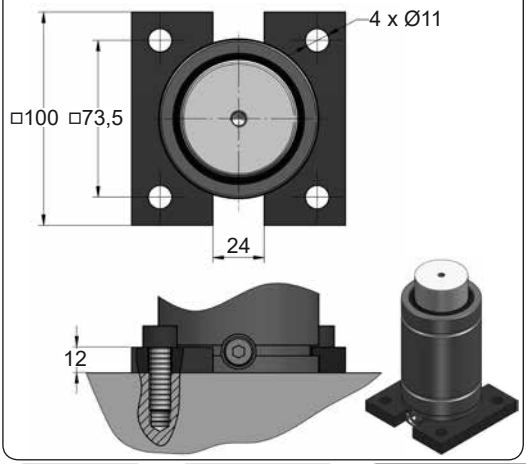

| | | |
|---|---|---|
| ENG | Self-contained gas spring | Gas spring delivered charged (with filling valve) |
| DEU | Autonome Gasdruckfeder | Gasdruckfeder befüllt (mit Ventil) |
| FRA | Ressort à gaz autonome | Ressort à gaz fourni chargé (avec valve de charge) |
| ITA | Cilindro ad azoto autonomo | Cilindro fornito carico (con valvola di carico) |
| ESP | Cilindro de gas autónomo | Cilindro de gas suministrado cargado (con válvula de carga) |
| POR | Cilindro de gás autônomo | Cilindro de gás fornecido carregado (com válvula de carga) |



| | | |
|---|---|---|
| ENG | Ready to be hosed | Gas spring delivered unfilled (without filling valve) |
| DEU | Fertig zum Verschlauchen | Gasdruckfeder drucklos und ohne Ventil |
| FRA | Prêt à être relié | Ressort à gaz fourni non chargé (sans valve de charge) |
| ITA | Pronto per essere collegato | Cilindro fornito scarico (senza valvola di carico) |
| ESP | Preparado para conexionar | Cilindro de gas suministrado descargado (sin válvula de carga) |
| POR | Pronto a ser interligado | Cilindro de gás fornecido descarregado (sem válvula de carga) |

## C20-075

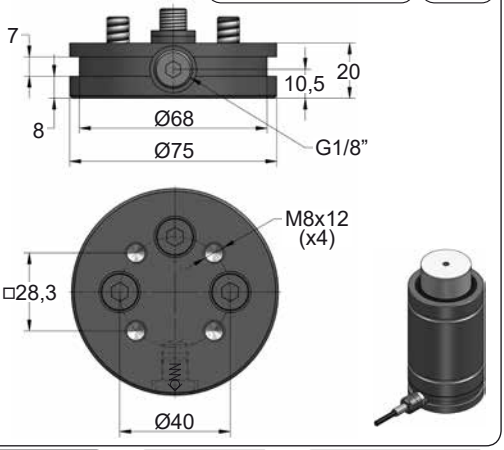
E24.54.815.G
EM24.54.700/F




## KV 4700

If used a hosed system remove the filling valve

WARNING!

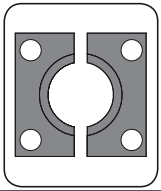


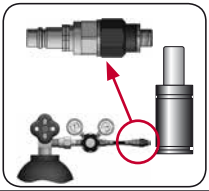












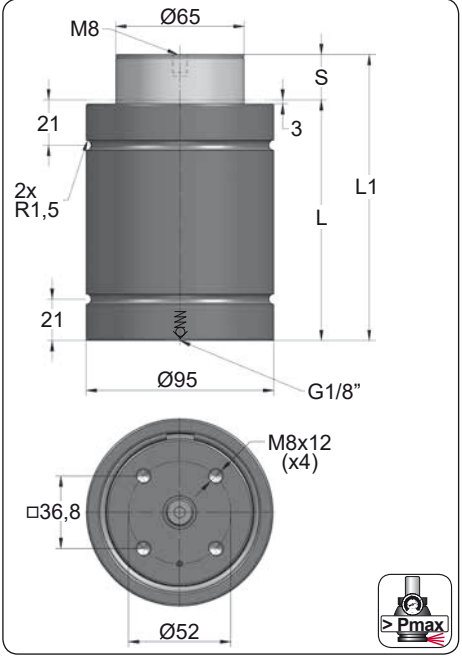
| CODE | | CS-KV 4700 050 V1 | KIT S-XXXXXXX | C20-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CS 7500 V1

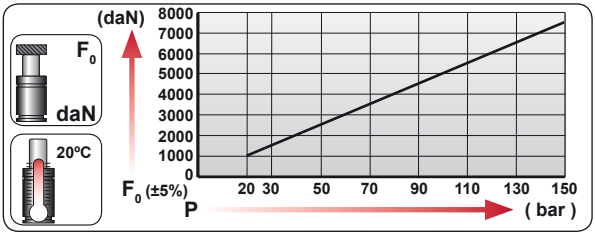
*Power Compact Stroke*

| BMW B2 4006 | | PSA E24.54.815.G |
|---|---|---|
| | | |
| | | |

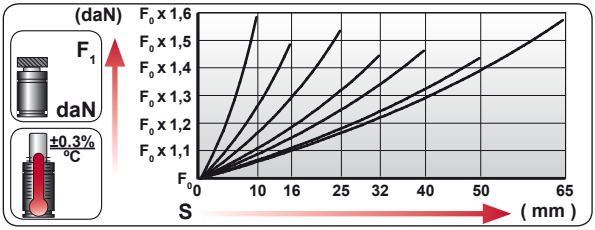
AZOL GAS



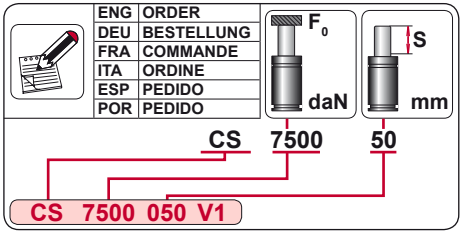

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS 7500 010 V1 | 10 | 90 | 80 | 3.16 |
| CS 7500 016 V1 | 16 | 116 | 100 | 3.57 |
| CS 7500 025 V1 | 25 | 145 | 120 | 4.01 |
| CS 7500 032 V1 | 32 | 182 | 150 | 4.59 |
| CS 7500 040 V1 | 40 | 210 | 170 | 5.02 |
| CS 7500 050 V1 | 50 | 255 | 205 | 5.73 |
| CS 7500 065 V1 | 65 | 279 | 214 | 6.07 |

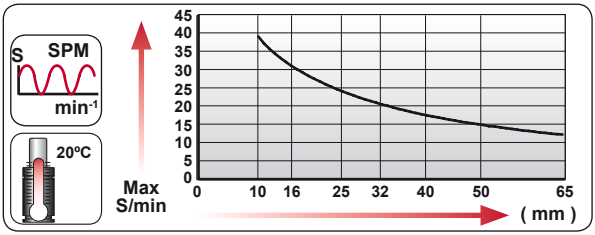


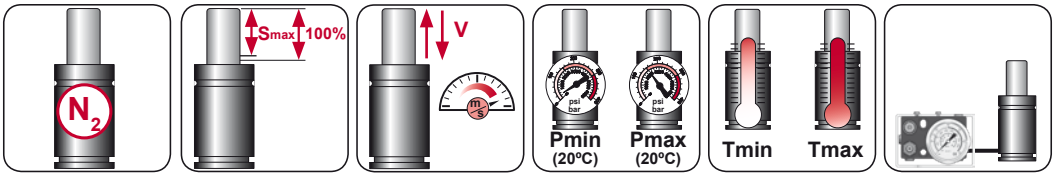

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CS 7500 050 V1 | 150 | 2175 | 7540 | 10765 |
| --------- | --- | --- | --- | --- |




| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



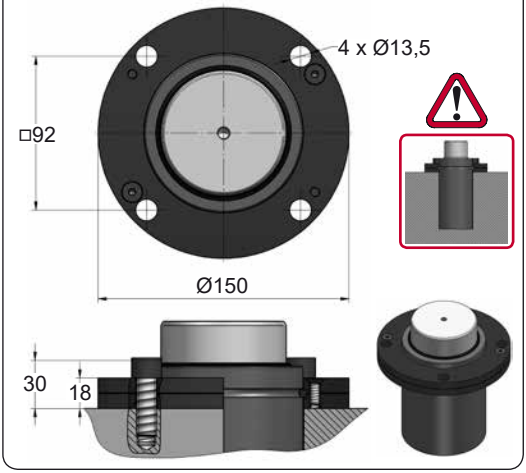

| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

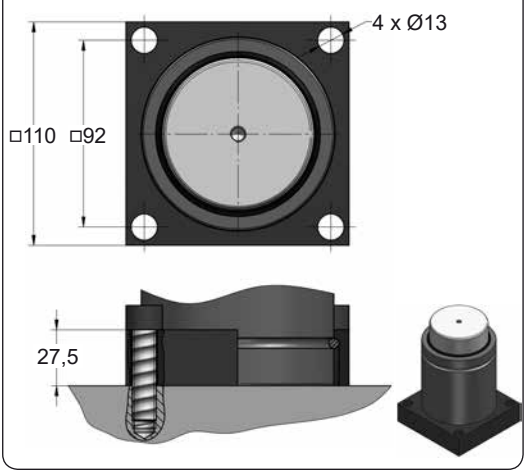
# CS 7500 V1 MOUNTS

*Power Compact Stroke*

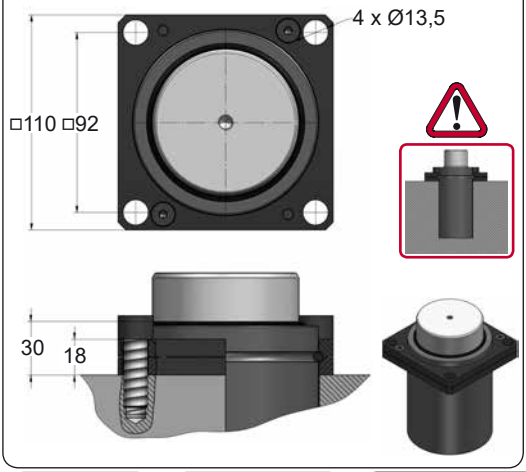
## A49-095




## A54-095

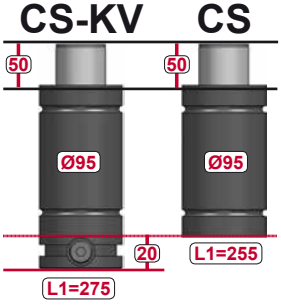



## A59-095







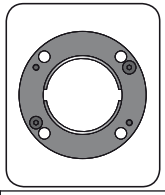


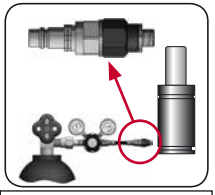

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CS 7500 050 V1 | | 150 | 2175 | 7540 | 10765 |
| CS-KV 7500 050 V1 | | 150 | 2175 | 7540 | 10765 |







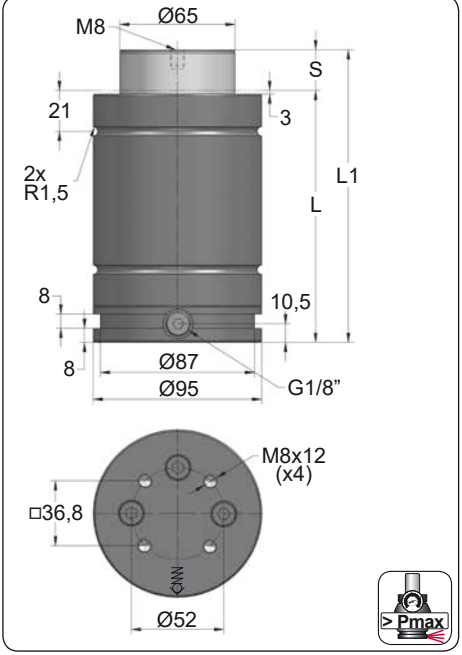


| CODE | | CS 7500 050 V1 | KIT S-XXXXXXX | A49-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

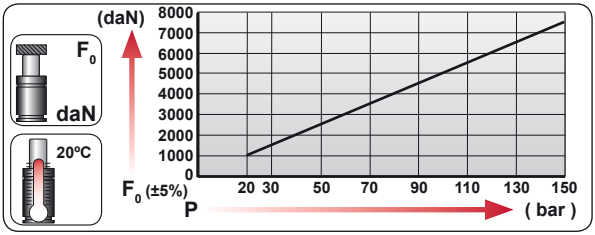
# CS-KV 7500 V1

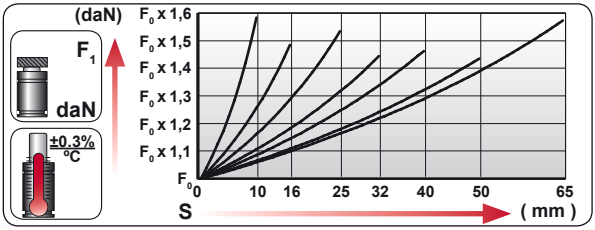
*Power Compact Stroke*

AZOL GAS



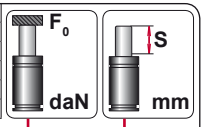

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS-KV 7500 010 V1 | 10 | 110 | 100 | 4.16 |
| CS-KV 7500 016 V1 | 16 | 136 | 120 | 4.57 |
| CS-KV 7500 025 V1 | 25 | 165 | 140 | 5.01 |
| CS-KV 7500 032 V1 | 32 | 202 | 170 | 5.59 |
| CS-KV 7500 040 V1 | 40 | 230 | 190 | 6.03 |
| CS-KV 7500 050 V1 | 50 | 275 | 225 | 6.73 |
| CS-KV 7500 065 V1 | 65 | 299 | 234 | 7.08 |



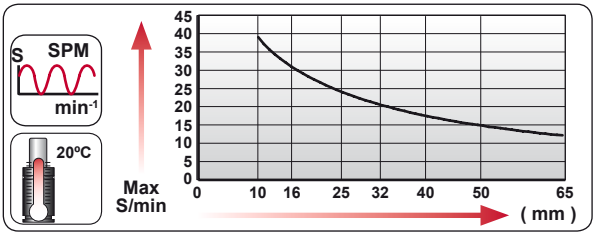

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CS-KV 7500 050 V1 | 150 | 2175 | 7540 | 10765 |
| CS-KV-H 7500 050 V1 | 0 | 0 | --- | --- |

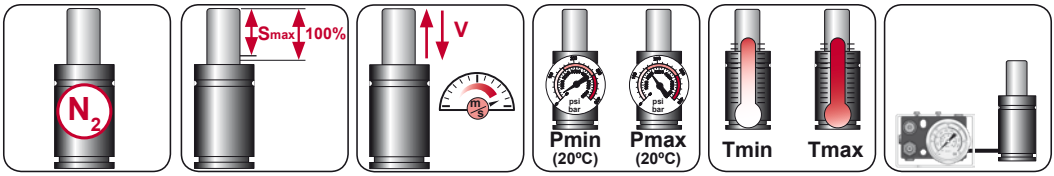
| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CS-KV 7500 50

CS-KV 7500 050 V1




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

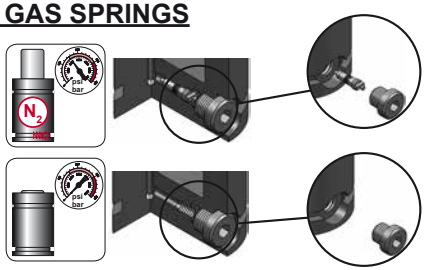
AZOL GAS

# CS-KV 7500 V1 MOUNTS

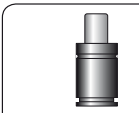
*Power Compact Stroke*

## SELF-CONTAINED OR HOSED GAS SPRINGS

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CS-KV 7500 050 V1 | 150 | 2175 | 7540 | 10765 |
| CS-KV-H 7500 050 V1 | 0 | 0 | --- | --- |




WARNING!



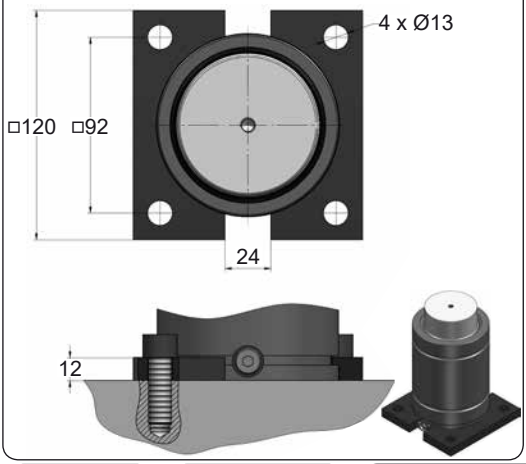
| | | |
|---|---|---|
| ENG | Self-contained gas spring | Gas spring delivered charged (with filling valve) |
| DEU | Autonome Gasdruckfeder | Gasdruckfeder befüllt (mit Ventil) |
| FRA | Ressort à gaz autonome | Ressort à gaz fourni chargé (avec valve de charge) |
| ITA | Cilindro ad azoto autonomo | Cilindro fornito carico (con valvola di carico) |
| ESP | Cilindro de gas autónomo | Cilindro de gas suministrado cargado (con válvula de carga) |
| POR | Cilindro de gas autônomo | Cilindro de gás fornecido carregado (com válvula de carga) |



| | | |
|---|---|---|
| ENG | Ready to be hosed | Gas spring delivered unfilled (without filling valve) |
| DEU | Fertig zum Verschlauchen | Gasdruckfeder drucklos und ohne Ventil |
| FRA | Prêt à être relié | Ressort à gaz fourni non chargé (sans valve de charge) |
| ITA | Pronto per essere collegato | Cilindro fornito scarico (senza valvola di carico) |
| ESP | Preparado para conexionar | Cilindro de gas suministrado descargado (sin válvula de carga) |
| POR | Pronto a ser interligado | Cilindro de gás fornecido descarregado (sem válvula de carga) |

## C20-095

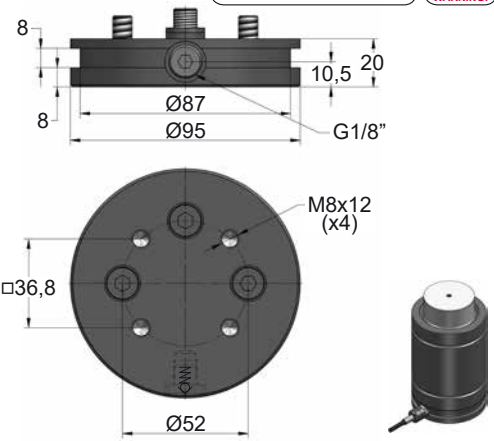
ISO 10243 | NAAMS | VDI | cetop E24.54.815.G EM24.54.700/F




## KV 7500

If used a hosed system remove the filling valve

WARNING!

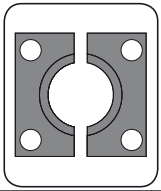


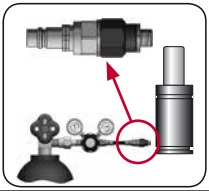












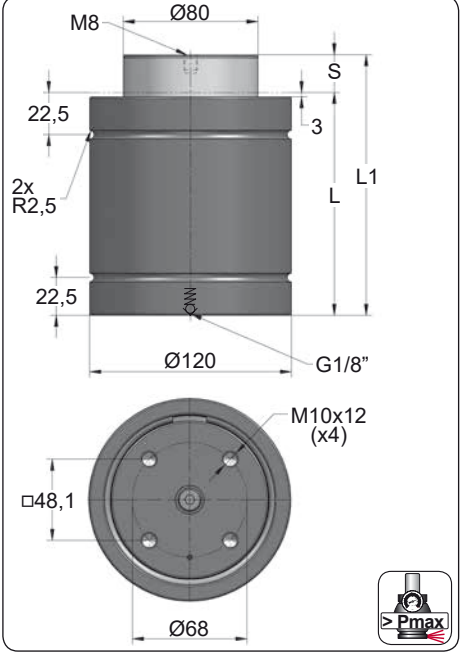
| CODE | | CS-KV 7500 050 V1 | KIT S-XXXXXXX | C20-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# CS 11800 V1

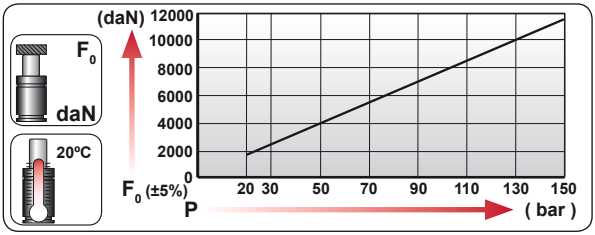
*Power Compact Stroke*

| BMW B2 4006 | | |
|---|---|---|
| | | |
| | | |

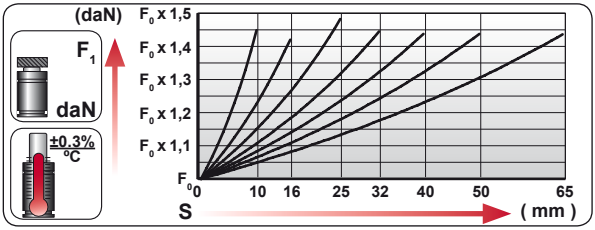
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS 11800 010 V1 | 10 | 100 | 90 | 5.70 |
| CS 11800 016 V1 | 16 | 126 | 110 | 6.37 |
| CS 11800 025 V1 | 25 | 155 | 130 | 7.10 |
| CS 11800 032 V1 | 32 | 187 | 155 | 7.93 |
| CS 11800 040 V1 | 40 | 220 | 180 | 8.77 |
| CS 11800 050 V1 | 50 | 260 | 210 | 9.79 |
| CS 11800 065 V1 | 65 | 320 | 255 | 11.32 |




| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| CS 11800 050 V1 | 150 | 2175 | 11780 | 17145 |
| --------- | --- | --- | --- | --- |

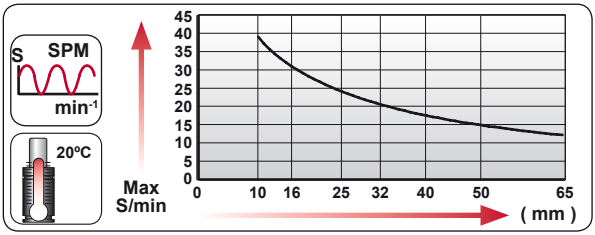


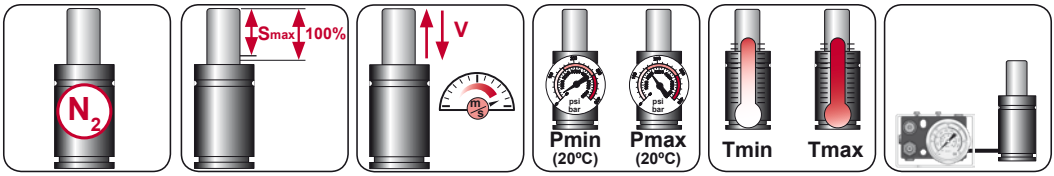

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN — S mm

CS 11800 50

CS 11800 050 V1




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | |
|---|---|---|---|---|---|---|---|

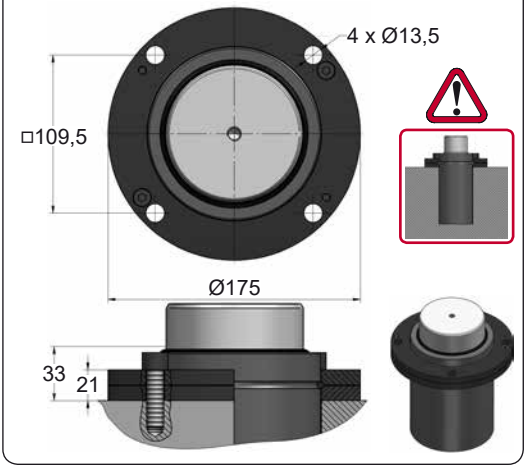
AZOL GAS

# CS 11800 V1 MOUNTS

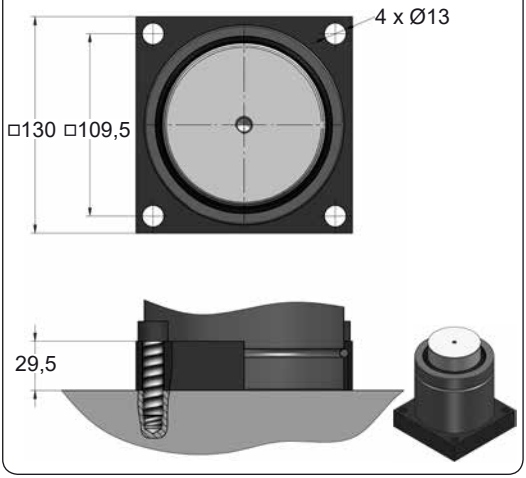
*Power Compact Stroke*

## A14-120

ISO E24.54.815.G EM24.54.700/F

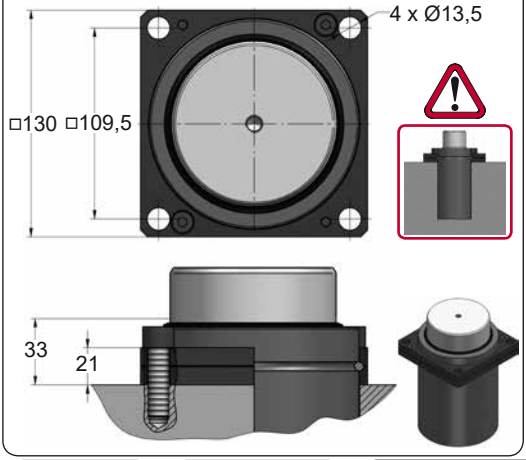



## A19-120



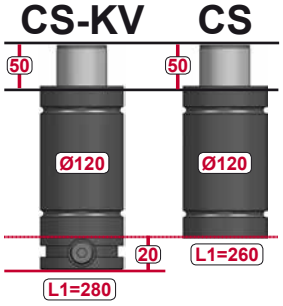

## A34-120

ISO VDI







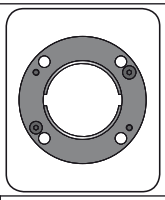


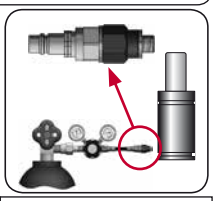

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CS 11800 050 V1 | | 150 | 2175 | 11780 | 17145 |
| CS-KV 11800 050 V1 | | 150 | 2175 | 11780 | 17145 |







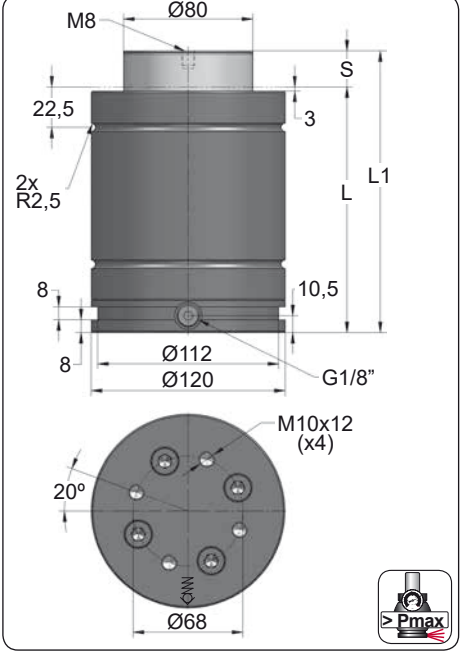


| CODE | CS 11800 050 V1 | KIT S-XXXXXXX | A14-120 | 18 CG 1-Q |
|---|---|---|---|---|
| ENG ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

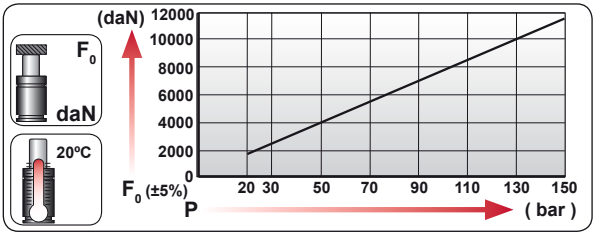
# CS-KV 11800 V1

*Power Compact Stroke*

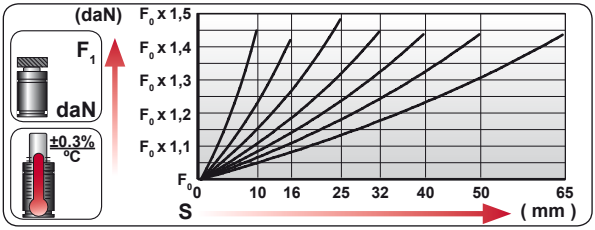
AZOL GAS



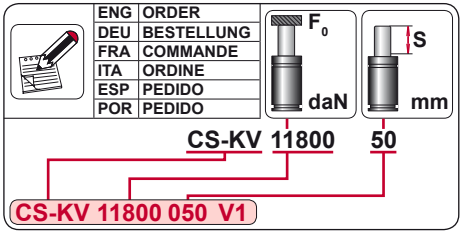

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS-KV 11800 010 V1 | 10 | 120 | 110 | 7.36 |
| CS-KV 11800 016 V1 | 16 | 146 | 130 | 8.03 |
| CS-KV 11800 025 V1 | 25 | 175 | 150 | 8.76 |
| CS-KV 11800 032 V1 | 32 | 207 | 175 | 9.59 |
| CS-KV 11800 040 V1 | 40 | 240 | 200 | 10.43 |
| CS-KV 11800 050 V1 | 50 | 280 | 230 | 11.45 |
| CS-KV 11800 065 V1 | 65 | 340 | 275 | 12.98 |

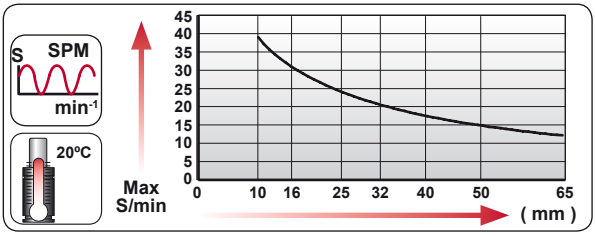


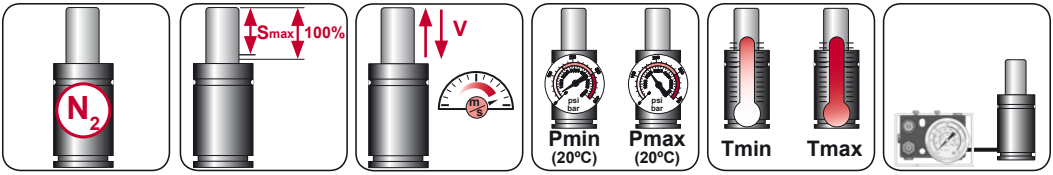

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CS-KV 11800 050 V1 | 150 | 2175 | 11780 | 17145 |
| CS-KV-H 11800 050 V1 | 0 | 0 | --- | --- |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

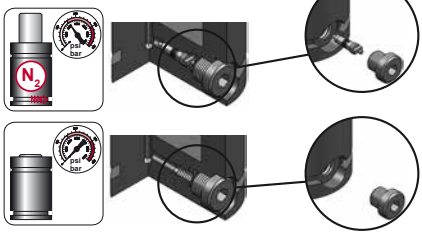
AZOL GAS

# CS-KV 11800 V1 MOUNTS

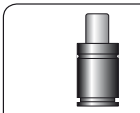
*Power Compact Stroke*

## SELF-CONTAINED OR HOSED GAS SPRINGS

| CODE | | bar | psi | $F_0$ daN | F daN |
|---|---|---|---|---|---|
| CS-KV 11800 050 V1 | | 150 | 2175 | 11780 | 17145 |
| CS-KV-H 11800 050 V1 | | 0 | 0 | --- | --- |




WARNING!



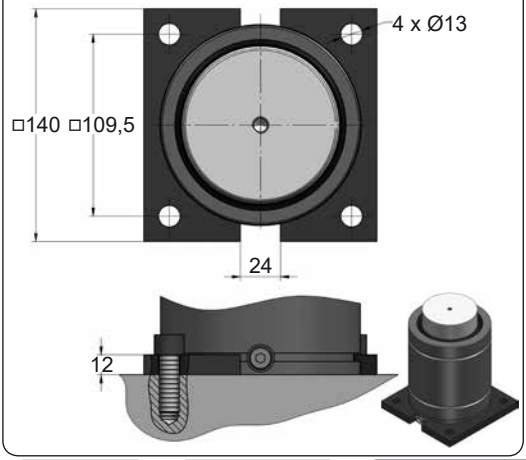
| | | |
|---|---|---|
| ENG | Self-contained gas spring | Gas spring delivered charged (with filling valve) |
| DEU | Autonome Gasdruckfeder | Gasdruckfeder befüllt (mit Ventil) |
| FRA | Ressort à gaz autonome | Ressort à gaz fourni chargé (avec valve de charge) |
| ITA | Cilindro ad azoto autonomo | Cilindro fornito carico (con valvola di carico) |
| ESP | Cilindro de gas autónomo | Cilindro de gas suministrado cargado (con válvula de carga) |
| POR | Cilindro de gas autônomo | Cilindro de gás fornecido carregado (com válvula de carga) |



| | | |
|---|---|---|
| ENG | Ready to be hosed | Gas spring delivered unfilled (without filling valve) |
| DEU | Fertig zum Verschlauchen | Gasdruckfeder drucklos und ohne Ventil |
| FRA | Prêt à être relié | Ressort à gaz fourni non chargé (sans valve de charge) |
| ITA | Pronto per essere collegato | Cilindro fornito scarico (senza valvola di carico) |
| ESP | Preparado para conexionar | Cilindro de gas suministrado descargado (sin válvula de carga) |
| POR | Pronto a ser interligado | Cilindro de gás fornecido descarregado (sem válvula de carga) |

## C20-120

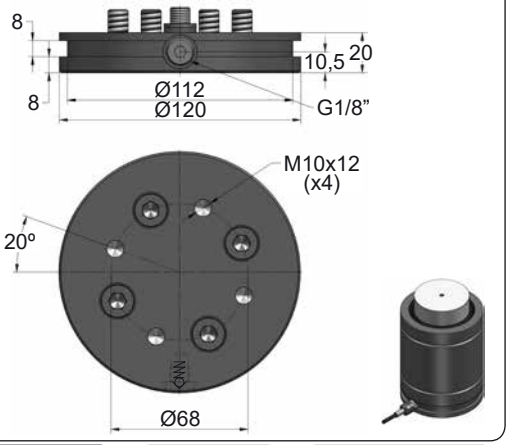
ISO VDI E24.54.815.G EM24.54.700/F




## KV 11800

If used a hosed system remove the filling valve

WARNING!

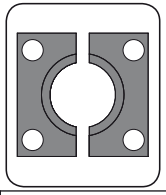


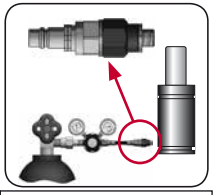










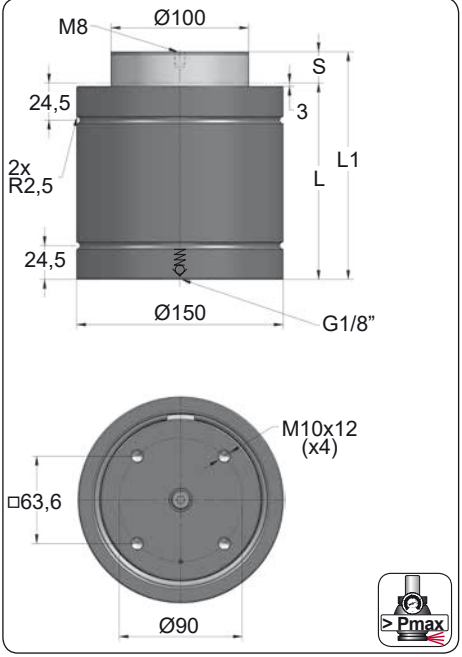


| CODE | | CS-KV 11800 050 V1 | KIT S-XXXXXXX | C20-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

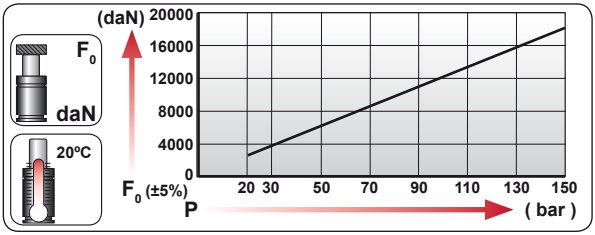
# CS 18300 V1

*Power Compact Stroke*

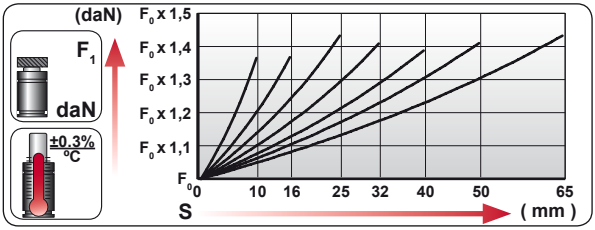
AZOL GAS



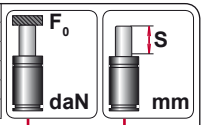

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS 18300 010 V1 | 10 | 110 | 100 | 9.83 |
| CS 18300 016 V1 | 16 | 136 | 120 | 10.84 |
| CS 18300 025 V1 | 25 | 165 | 140 | 11.93 |
| CS 18300 032 V1 | 32 | 197 | 165 | 13.18 |
| CS 18300 040 V1 | 40 | 235 | 195 | 14.67 |
| CS 18300 050 V1 | 50 | 270 | 220 | 16.00 |
| CS 18300 065 V1 | 65 | 323 | 258 | 18.01 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CS 18300 050 V1 | 150 | 2175 | 18410 | 26340 |
| --------- | --- | --- | --- | --- |

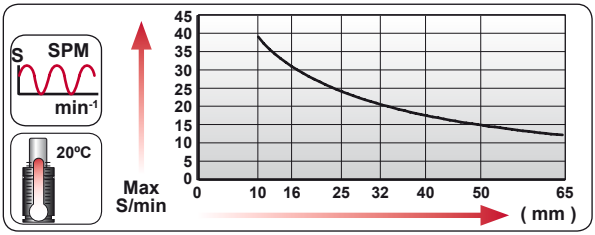


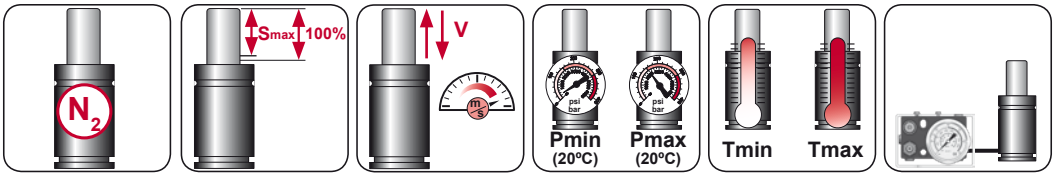

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




CS 18300 50

CS 18300 050 V1




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

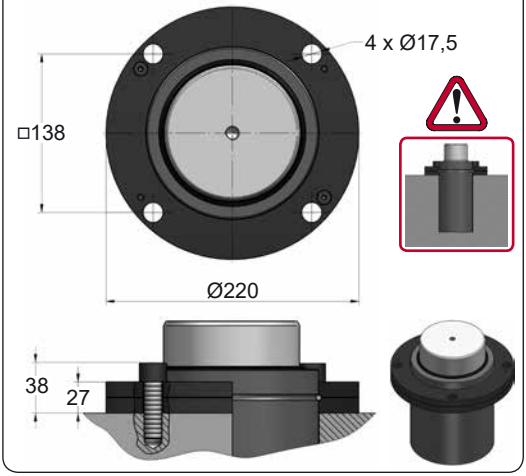
AZOL GAS

# CS 18300 V1 MOUNTS

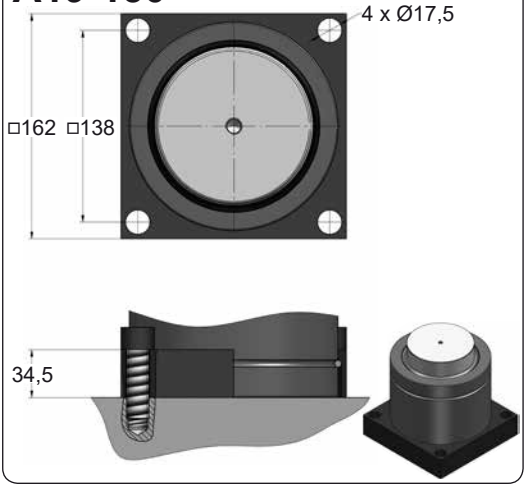
*Power Compact Stroke*

## A14-150

ISO E24.54.815.G EM24.54.700/F

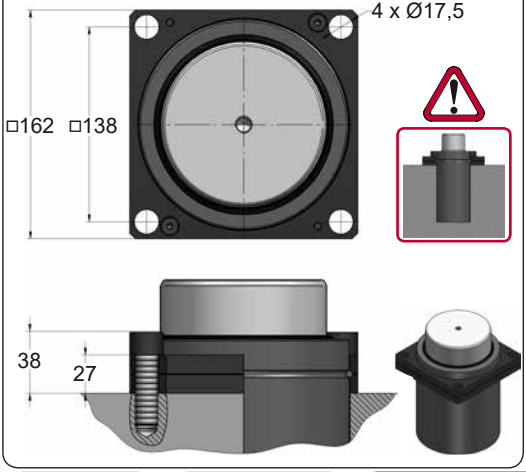



## A19-150



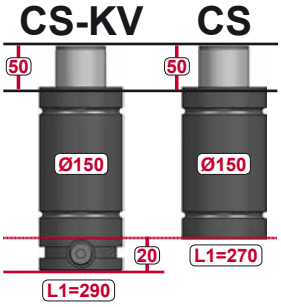

## A34-150

ISO VDI







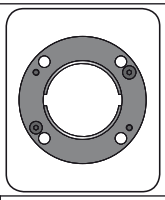


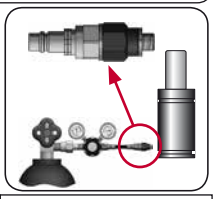

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CS 18300 050 V1 | | 150 | 2175 | 18410 | 26340 |
| CS-KV 18300 050 V1 | | 150 | 2175 | 18410 | 26340 |







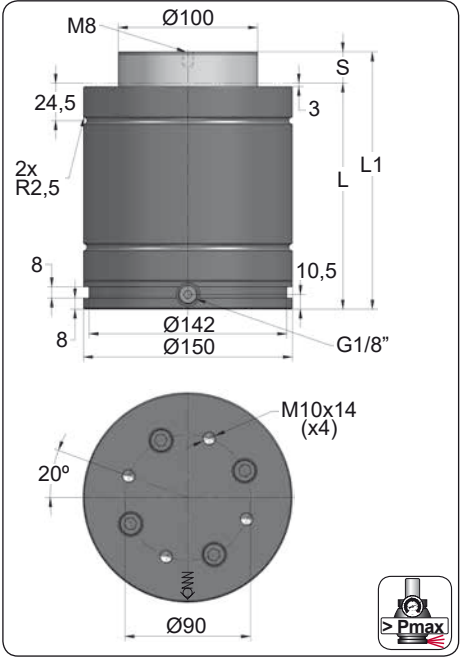


| CODE | | CS 18300 050 V1 | KIT S-XXXXXXX | A14-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

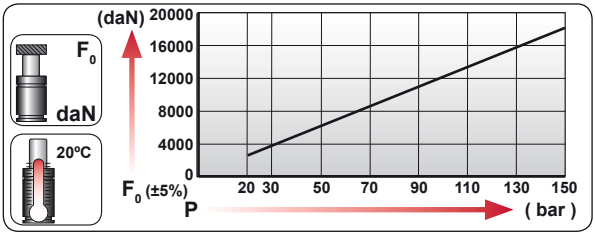
# CS-KV 18300 V1

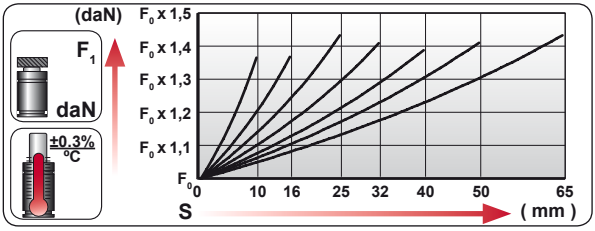
*Power Compact Stroke*

AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| CS-KV 18300 010 V1 | 10 | 130 | 120 | 12.21 |
| CS-KV 18300 016 V1 | 16 | 156 | 140 | 13.22 |
| CS-KV 18300 025 V1 | 25 | 185 | 160 | 14.31 |
| CS-KV 18300 032 V1 | 32 | 217 | 185 | 15.56 |
| CS-KV 18300 040 V1 | 40 | 255 | 215 | 17.05 |
| CS-KV 18300 050 V1 | 50 | 290 | 240 | 18.38 |
| CS-KV 18300 065 V1 | 65 | 343 | 278 | 20.39 |



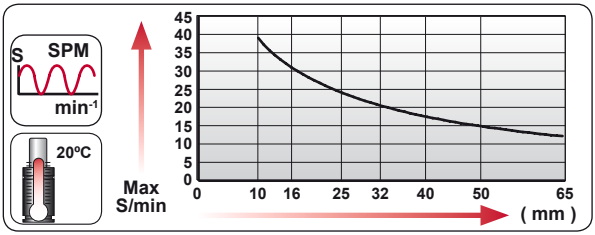

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| CS-KV 18300 050 V1 | 150 | 2175 | 18410 | 26340 |
| CS-KV-H 18300 050 V1 | 0 | 0 | --- | --- |

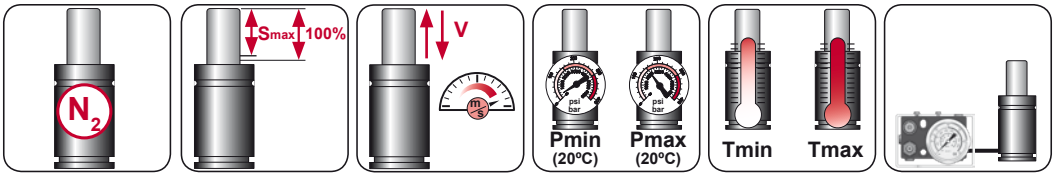
| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

CS-KV 18300 50

CS-KV 18300 050 V1




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

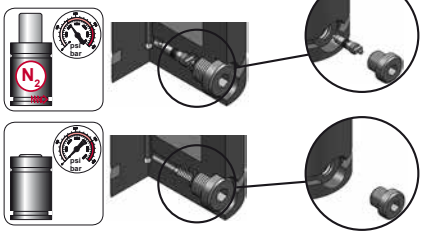
AZOL GAS

# CS-KV 18300 V1 MOUNTS

*Power Compact Stroke*

## SELF-CONTAINED OR HOSED GAS SPRINGS

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| CS-KV 18300 050 V1 | | 150 | 2175 | 18410 | 26340 |
| CS-KV-H 18300 050 V1 | | 0 | 0 | --- | --- |




WARNING!



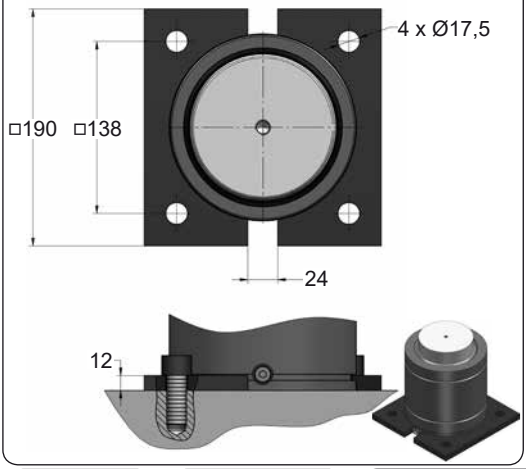
| | | |
|---|---|---|
| ENG | Self-contained gas spring | Gas spring delivered charged (with filling valve) |
| DEU | Autonome Gasdruckfeder | Gasdruckfeder befüllt (mit Ventil) |
| FRA | Ressort à gaz autonome | Ressort à gaz fourni chargé (avec valve de charge) |
| ITA | Cilindro ad azoto autonomo | Cilindro fornito carico (con valvola di carico) |
| ESP | Cilindro de gas autónomo | Cilindro de gas suministrado cargado (con válvula de carga) |
| POR | Cilindro de gas autônomo | Cilindro de gás fornecido carregado (com válvula de carga) |



| | | |
|---|---|---|
| ENG | Ready to be hosed | Gas spring delivered unfilled (without filling valve) |
| DEU | Fertig zum Verschlauchen | Gasdruckfeder drucklos und ohne Ventil |
| FRA | Prêt à être relié | Ressort à gaz fourni non chargé (sans valve de charge) |
| ITA | Pronto per essere collegato | Cilindro fornito scarico (senza valvola di carico) |
| ESP | Preparado para conexionar | Cilindro de gas suministrado descargado (sin válvula de carga) |
| POR | Pronto a ser interligado | Cilindro de gás fornecido descarregado (sem válvula de carga) |

## C20-150

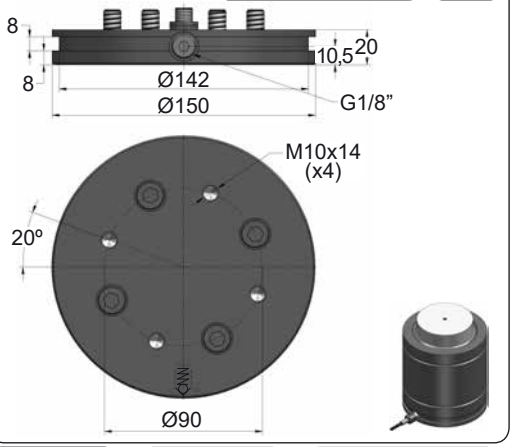
ISO VDI E24.54.815.G EM24.54.700/F




## KV 18300

If used a hosed system remove the filling valve

WARNING!

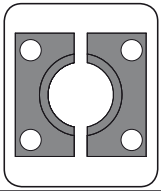


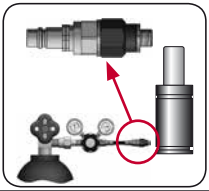












| CODE | | CS-KV 18300 050 V1 | KIT S-XXXXXXX | C20-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# SPECIAL APPLICATIONS

## ROB / ROT



## VH



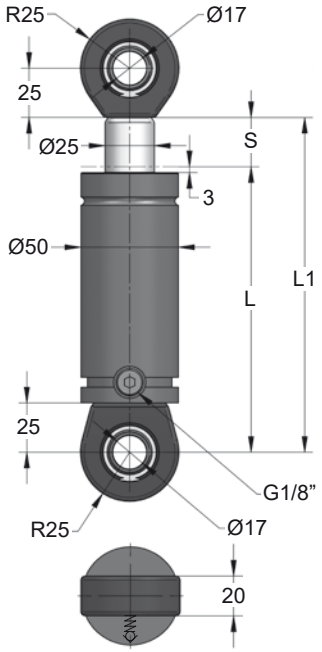
## ART



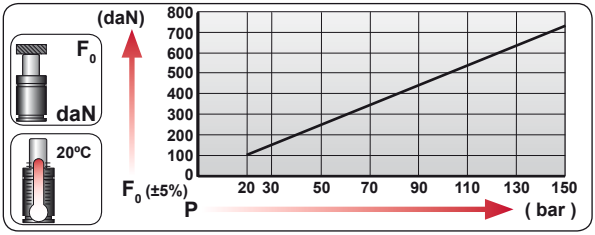
# ROB 750

*Special Applications*

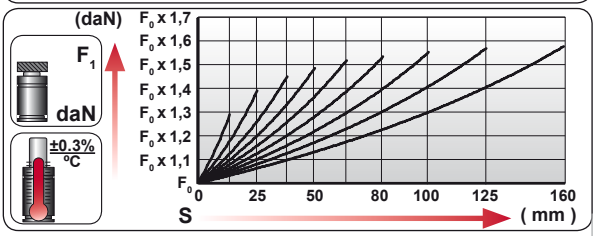
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ROB 750 012 | 12.7 | 145.4 | 132.7 | 1.74 |
| ROB 750 025 | 25 | 170 | 145 | 1.96 |
| ROB 750 038 | 38 | 196 | 158 | 2.04 |
| ROB 750 050 | 50 | 220 | 170 | 2.14 |
| ROB 750 063 | 63.5 | 247 | 183.5 | 2.24 |
| ROB 750 080 | 80 | 280 | 200 | 2.44 |
| ROB 750 100 | 100 | 320 | 220 | 2.68 |
| ROB 750 125 | 125 | 370 | 245 | 2.84 |
| ROB 750 160 | 160 | 440 | 280 | 3.12 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| ROB 750 050 | 150 | 2175 | 740 | 1100 |
| --------- | --- | --- | --- | --- |



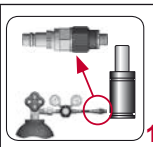

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

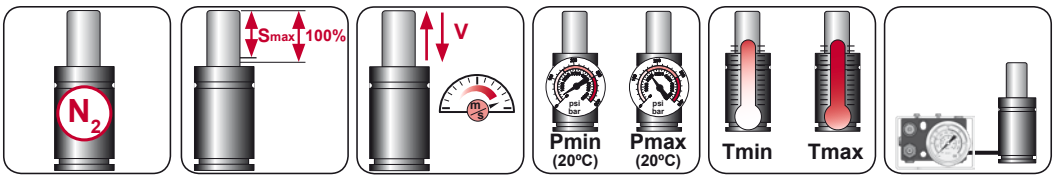
ROB 750 50

ROB 750 050



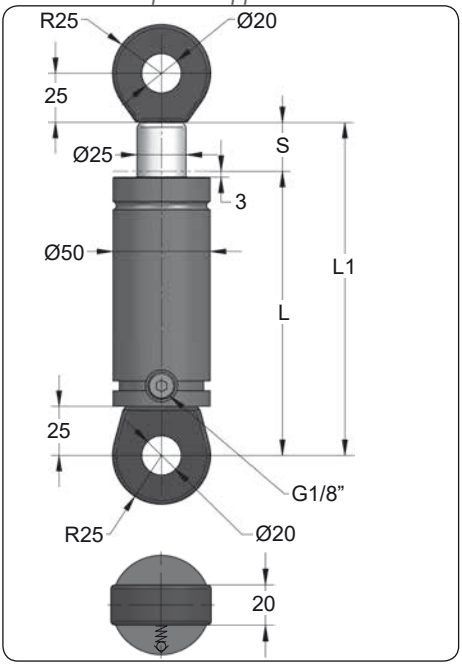

| | | |
|---|---|---|
| ENG | REPAIR KIT | CHARGING ADAPTER |
| DEU | ERSATZ | LADEADAPTER |
| FRA | KIT DE RÉPARATION | RACCORD DE CHARGE |
| ITA | KIT DI MANUTENZIONE | ADATTATORE DI CARICO |
| ESP | KIT DE REPARACION | ADAPTADOR DE CARGA |
| POR | KIT DE MANUTENÇÃO | ADAPTADOR DE CARGA |



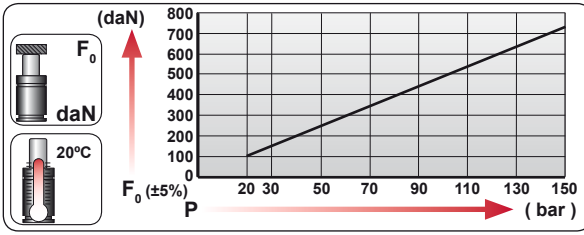

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

# AZOL GAS ROT 750

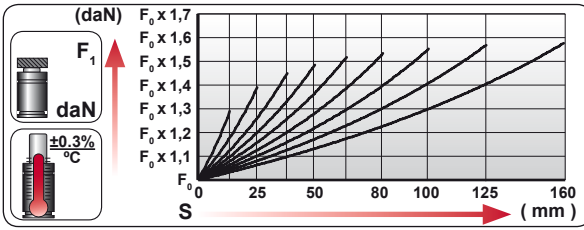
*Special Applications*




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ROT 750 012 | 12.7 | 145.4 | 132.7 | 1.74 |
| ROT 750 025 | 25 | 170 | 145 | 1.96 |
| ROT 750 038 | 38 | 196 | 158 | 2.04 |
| ROT 750 050 | 50 | 220 | 170 | 2.14 |
| ROT 750 063 | 63.5 | 247 | 183.5 | 2.24 |
| ROT 750 080 | 80 | 280 | 200 | 2.44 |
| ROT 750 100 | 100 | 320 | 220 | 2.68 |
| ROT 750 125 | 125 | 370 | 245 | 2.84 |
| ROT 750 160 | 160 | 440 | 280 | 3.12 |



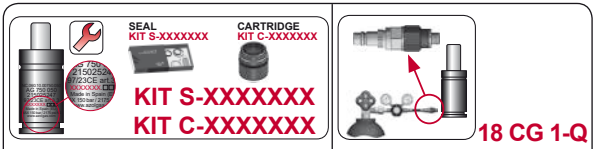

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| ROT 750 050 | 150 | 2175 | 740 | 1100 |
| --------- | --- | --- | --- | --- |



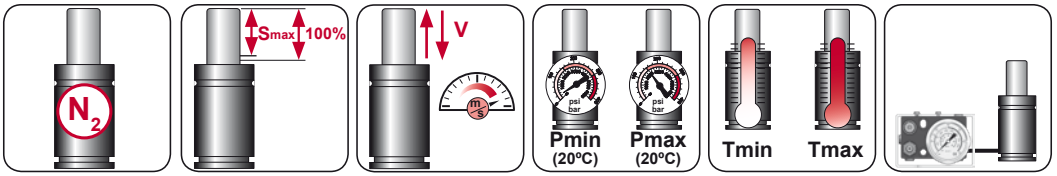

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

ROT 750 050




| | | |
|---|---|---|
| ENG | REPAIR KIT | CHARGING ADAPTER |
| DEU | ERSATZ | LADEADAPTER |
| FRA | KIT DE RÉPARATION | RACCORD DE CHARGE |
| ITA | KIT DI MANUTENZIONE | ADATTATORE DI CARICO |
| ESP | KIT DE REPARACION | ADAPTADOR DE CARGA |
| POR | KIT DE MANUTENÇÃO | ADAPTADOR DE CARGA |

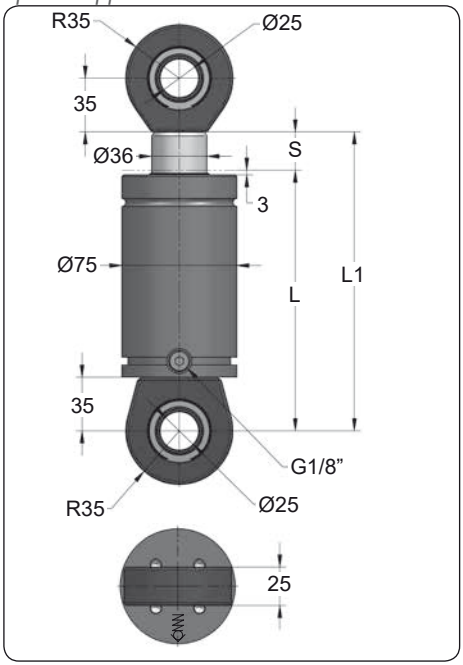



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

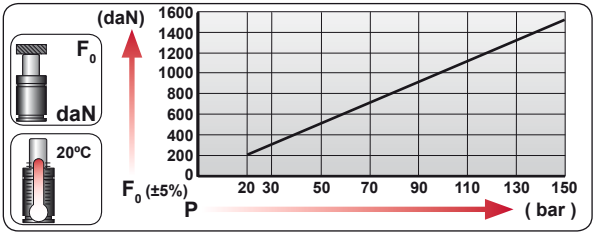
# ROB 1500

*Special Applications*

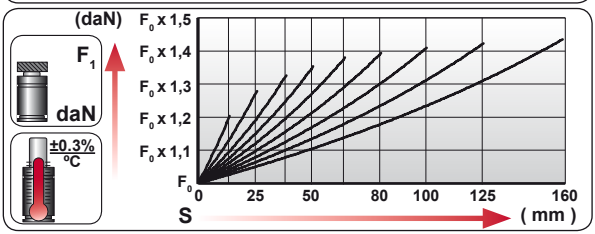
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ROB 1500 012 | 12.7 | 170.4 | 157.7 | 4.36 |
| ROB 1500 025 | 25 | 195 | 170 | 4.61 |
| ROB 1500 038 | 38 | 221 | 183 | 4.88 |
| ROB 1500 050 | 50 | 245 | 195 | 5.12 |
| ROB 1500 063 | 63.5 | 272 | 208.5 | 5.40 |
| ROB 1500 080 | 80 | 305 | 225 | 5.73 |
| ROB 1500 100 | 100 | 345 | 245 | 6.14 |
| ROB 1500 125 | 125 | 395 | 270 | 6.65 |
| ROB 1500 160 | 160 | 465 | 305 | 7.37 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| ROB 1500 050 | 150 | 2175 | 1530 | 2070 |
| --------- | --- | --- | --- | --- |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

ROB 1500 50

ROB 1500 050

SEAL KIT S-XXXXXXX

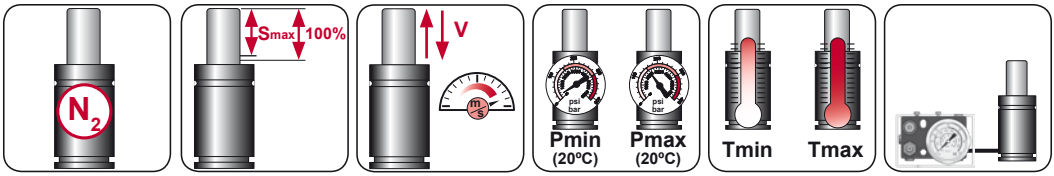
CARTRIDGE KIT C-XXXXXXX

KIT S-XXXXXXX

KIT C-XXXXXXX

18 CG 1-Q

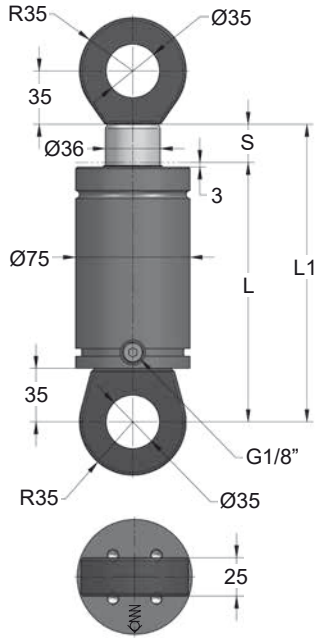
| | | |
|---|---|---|
| ENG | REPAIR KIT | CHARGING ADAPTER |
| DEU | ERSATZ | LADEADAPTER |
| FRA | KIT DE RÉPARATION | RACCORD DE CHARGE |
| ITA | KIT DI MANUTENZIONE | ADATTATORE DI CARICO |
| ESP | KIT DE REPARACION | ADAPTADOR DE CARGA |
| POR | KIT DE MANUTENÇÃO | ADAPTADOR DE CARGA |



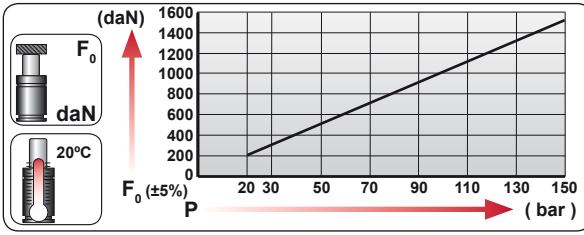

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

# AZOL GAS ROT 1500

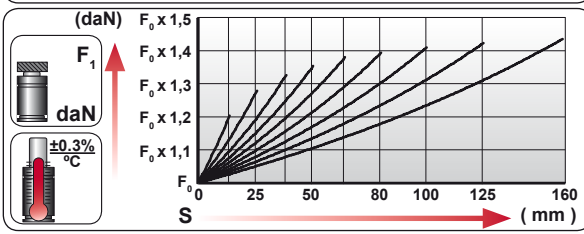
*Special Applications*




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ROT 1500 012 | 12.7 | 170.4 | 157.7 | 4.36 |
| ROT 1500 025 | 25 | 195 | 170 | 4.61 |
| ROT 1500 038 | 38 | 221 | 183 | 4.88 |
| ROT 1500 050 | 50 | 245 | 195 | 5.12 |
| ROT 1500 063 | 63.5 | 272 | 208.5 | 5.40 |
| ROT 1500 080 | 80 | 305 | 225 | 5.73 |
| ROT 1500 100 | 100 | 345 | 245 | 6.14 |
| ROT 1500 125 | 125 | 395 | 270 | 6.65 |
| ROT 1500 160 | 160 | 465 | 305 | 7.37 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| ROT 1500 050 | 150 | 2175 | 1530 | 2070 |
| --------- | --- | --- | --- | --- |



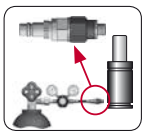

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

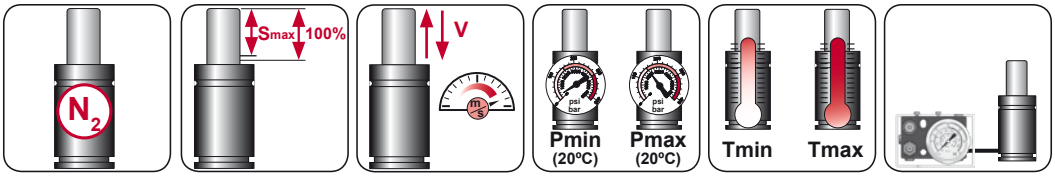
ROT 1500 50

ROT 1500 050




| | | |
|---|---|---|
| ENG | REPAIR KIT | CHARGING ADAPTER |
| DEU | ERSATZ | LADEADAPTER |
| FRA | KIT DE RÉPARATION | RACCORD DE CHARGE |
| ITA | KIT DI MANUTENZIONE | ADATTATORE DI CARICO |
| ESP | KIT DE REPARACION | ADAPTADOR DE CARGA |
| POR | KIT DE MANUTENÇÃO | ADAPTADOR DE CARGA |

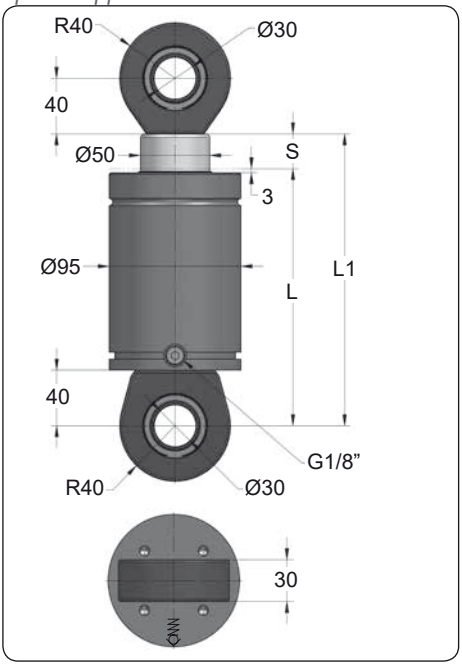



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

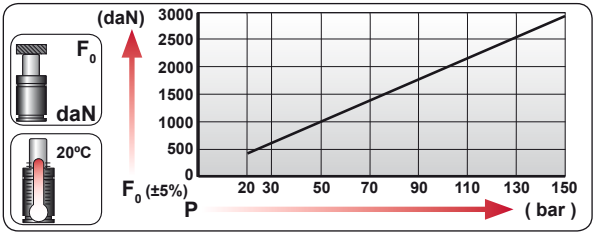
# ROB 3000

*Special Applications*

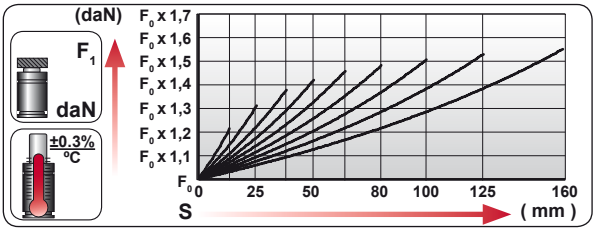
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ROB 3000 012 | 12.7 | 185.4 | 172.7 | 7.68 |
| ROB 3000 025 | 25 | 210 | 185 | 7.98 |
| ROB 3000 038 | 38 | 236 | 198 | 8.44 |
| ROB 3000 050 | 50 | 260 | 210 | 8.98 |
| ROB 3000 063 | 63.5 | 287 | 223.5 | 9.38 |
| ROB 3000 080 | 80 | 320 | 240 | 10.39 |
| ROB 3000 100 | 100 | 360 | 260 | 10.58 |
| ROB 3000 125 | 125 | 410 | 285 | 11.16 |
| ROB 3000 160 | 160 | 480 | 320 | 12.26 |



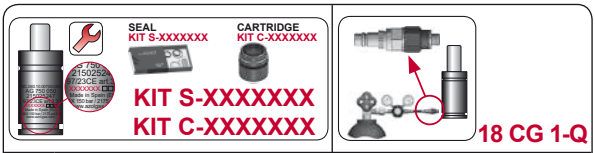

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| ROB 3000 050 | 150 | 2175 | 2945 | 4180 |
| --------- | --- | --- | --- | --- |



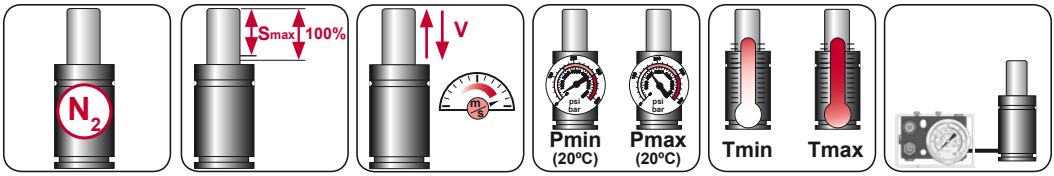

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

ROB 3000 050



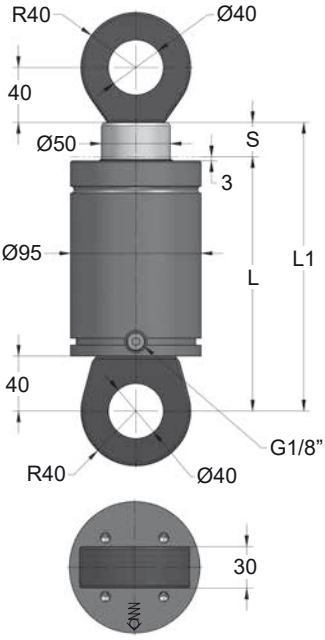

| | | |
|---|---|---|
| ENG | REPAIR KIT | CHARGING ADAPTER |
| DEU | ERSATZ | LADEADAPTER |
| FRA | KIT DE RÉPARATION | RACCORD DE CHARGE |
| ITA | KIT DI MANUTENZIONE | ADATTATORE DI CARICO |
| ESP | KIT DE REPARACION | ADAPTADOR DE CARGA |
| POR | KIT DE MANUTENÇÃO | ADAPTADOR DE CARGA |



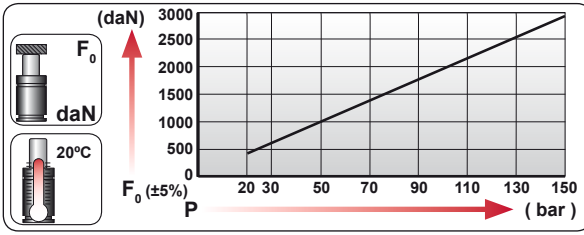

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

# AZOL GAS ROT 3000

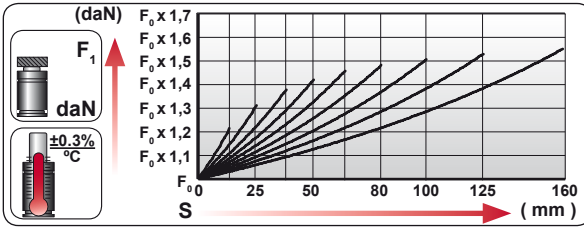
*Special Applications*




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ROT 3000 012 | 12.7 | 185.4 | 172.7 | 7.68 |
| ROT 3000 025 | 25 | 210 | 185 | 7.98 |
| ROT 3000 038 | 38 | 236 | 198 | 8.44 |
| ROT 3000 050 | 50 | 260 | 210 | 8.98 |
| ROT 3000 063 | 63.5 | 287 | 223.5 | 9.38 |
| ROT 3000 080 | 80 | 320 | 240 | 10.39 |
| ROT 3000 100 | 100 | 360 | 260 | 10.58 |
| ROT 3000 125 | 125 | 410 | 285 | 11.16 |
| ROT 3000 160 | 160 | 480 | 320 | 12.26 |




| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| ROT 3000 050 | 150 | 2175 | 2945 | 4180 |
| --------- | --- | --- | --- | --- |



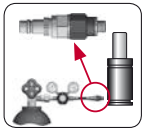

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

F0 daN — S mm

ROT 3000 50

ROT 3000 050

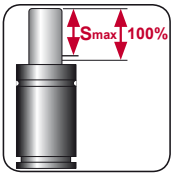


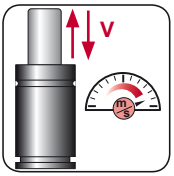



18 CG 1-Q

| | | |
|---|---|---|
| ENG | REPAIR KIT | CHARGING ADAPTER |
| DEU | ERSATZ | LADEADAPTER |
| FRA | KIT DE RÉPARATION | RACCORD DE CHARGE |
| ITA | KIT DI MANUTENZIONE | ADATTATORE DI CARICO |
| ESP | KIT DE REPARACION | ADAPTADOR DE CARGA |
| POR | KIT DE MANUTENÇÃO | ADAPTADOR DE CARGA |

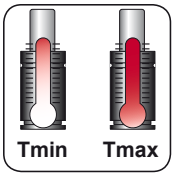


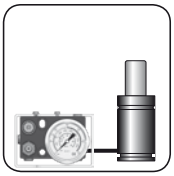









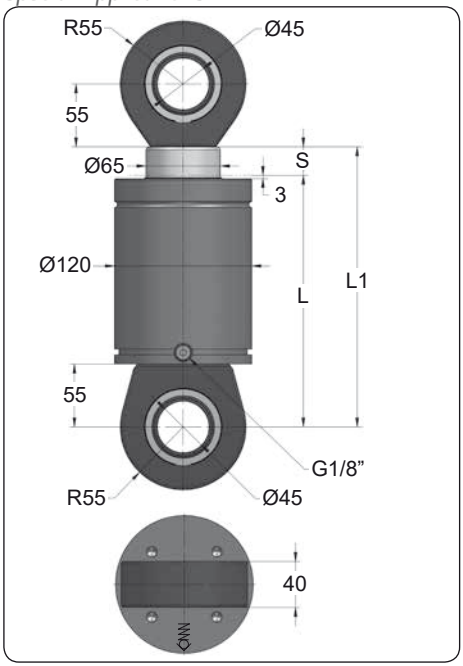



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

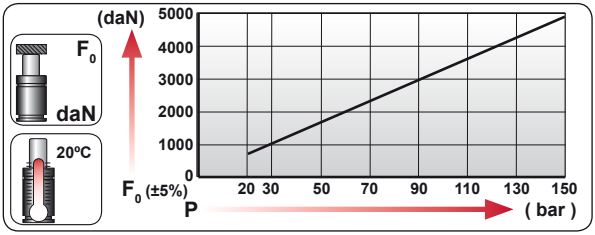
# ROB 5000

*Special Applications*

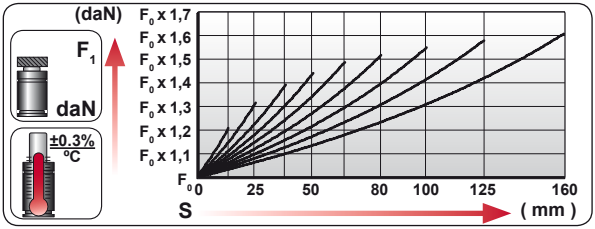
AZOL GAS



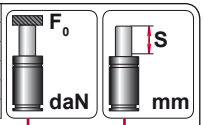

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ROB 5000 012 | 12.7 | 220.4 | 207.7 | 15.79 |
| ROB 5000 025 | 25 | 245 | 220 | 16.96 |
| ROB 5000 038 | 38 | 271 | 233 | 17.11 |
| ROB 5000 050 | 50 | 295 | 245 | 17.45 |
| ROB 5000 063 | 63.5 | 322 | 258.5 | 18.17 |
| ROB 5000 080 | 80 | 355 | 275 | 19.76 |
| ROB 5000 100 | 100 | 395 | 295 | 20.21 |
| ROB 5000 125 | 125 | 445 | 320 | 21.56 |
| ROB 5000 160 | 160 | 515 | 355 | 23.36 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| ROB 5000 050 | 150 | 2175 | 4980 | 7170 |
| --------- | --- | --- | --- | --- |

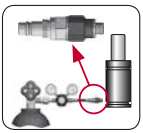



| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

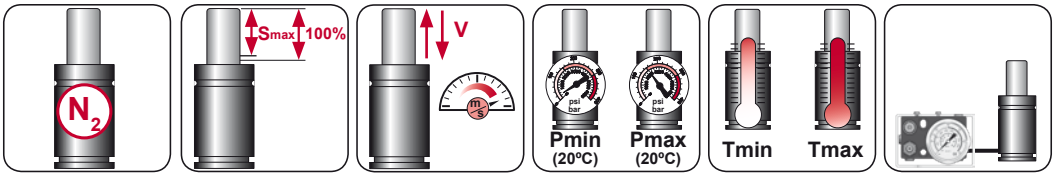



ROB 5000 050



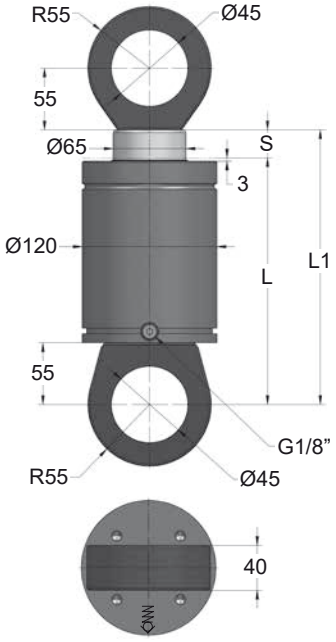

| | | |
|---|---|---|
| ENG | REPAIR KIT | CHARGING ADAPTER |
| DEU | ERSATZ | LADEADAPTER |
| FRA | KIT DE RÉPARATION | RACCORD DE CHARGE |
| ITA | KIT DI MANUTENZIONE | ADATTATORE DI CARICO |
| ESP | KIT DE REPARACION | ADAPTADOR DE CARGA |
| POR | KIT DE MANUTENÇÃO | ADAPTADOR DE CARGA |



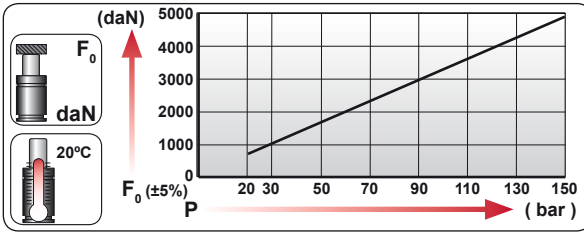

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

# AZOL GAS ROT 5000

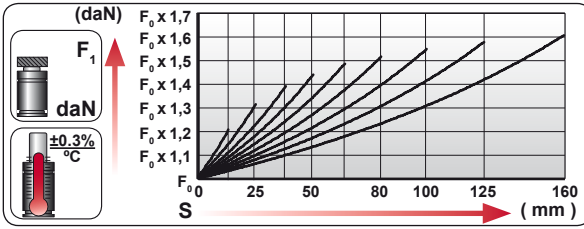
*Special Applications*




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ROT 5000 012 | 12.7 | 220.4 | 207.7 | 15.79 |
| ROT 5000 025 | 25 | 245 | 220 | 16.96 |
| ROT 5000 038 | 38 | 271 | 233 | 17.11 |
| ROT 5000 050 | 50 | 295 | 245 | 17.45 |
| ROT 5000 063 | 63.5 | 322 | 258.5 | 18.17 |
| ROT 5000 080 | 80 | 355 | 275 | 19.76 |
| ROT 5000 100 | 100 | 395 | 295 | 20.21 |
| ROT 5000 125 | 125 | 445 | 320 | 21.56 |
| ROT 5000 160 | 160 | 515 | 355 | 23.36 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| ROT 5000 050 | 150 | 2175 | 4980 | 7170 |
| --------- | --- | --- | --- | --- |

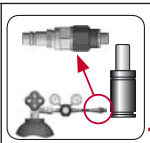



| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

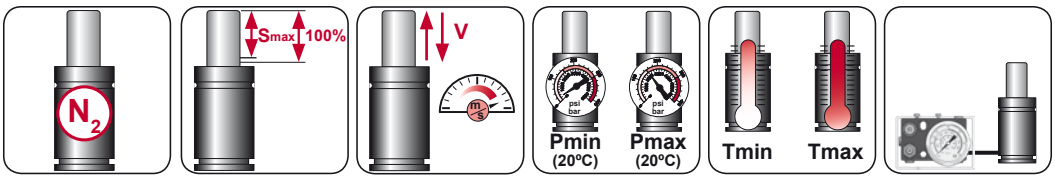
$F_0$ daN — S mm

ROT 5000 050




| | | |
|---|---|---|
| ENG | REPAIR KIT | CHARGING ADAPTER |
| DEU | ERSATZ | LADEADAPTER |
| FRA | KIT DE RÉPARATION | RACCORD DE CHARGE |
| ITA | KIT DI MANUTENZIONE | ADATTATORE DI CARICO |
| ESP | KIT DE REPARACION | ADAPTADOR DE CARGA |
| POR | KIT DE MANUTENÇÃO | ADAPTADOR DE CARGA |

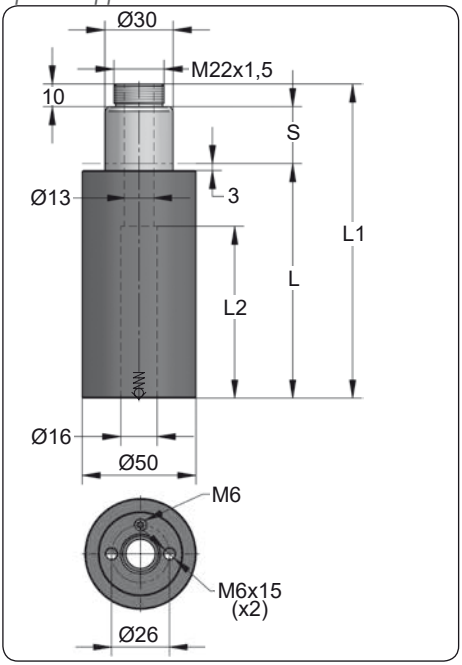



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

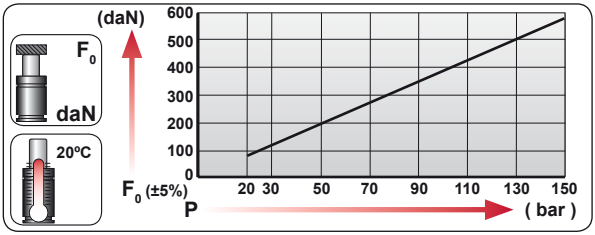
# VH 500

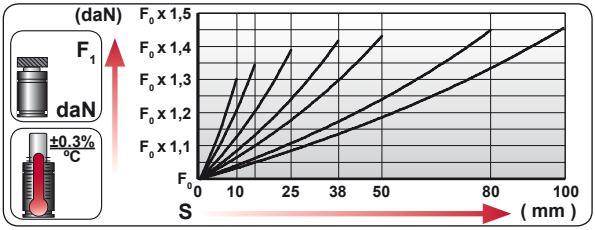
*Special Applications*

AZOL GAS



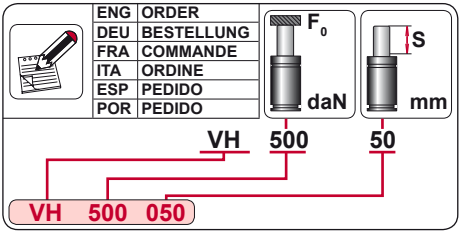

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | L2 (mm) | Kg. |
|---|---|---|---|---|---|
| VH 500 010 | 10 | 108 | 88 | 45.5 | 0.98 |
| VH 500 015 | 15 | 118 | 93 | 55.5 | 1.01 |
| VH 500 025 | 25 | 138 | 103 | 75.5 | 1.09 |
| VH 500 038 | 38 | 164 | 116 | 85.5 | 1.18 |
| VH 500 050 | 50 | 188 | 128 | 97.5 | 1.27 |
| VH 500 080 | 80 | 248 | 158 | 127.5 | 1.50 |
| VH 500 100 | 100 | 288 | 178 | 147.5 | 1.65 |

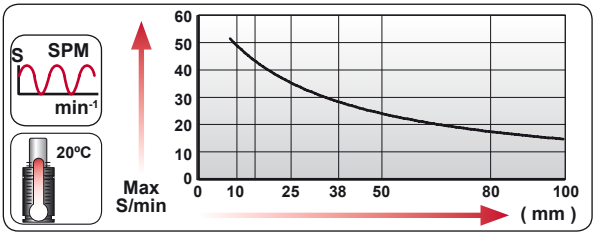


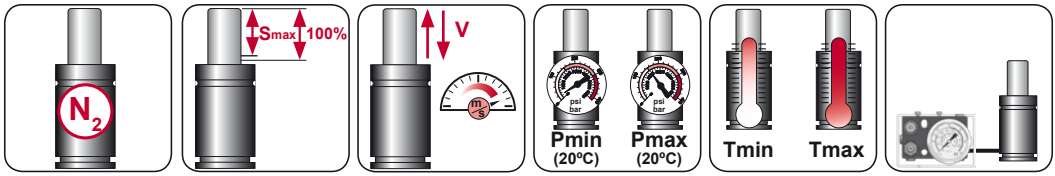




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| VH 500 050 | 130 | 1885 | 510 | 730 |
| --------- | --- | --- | --- | --- |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



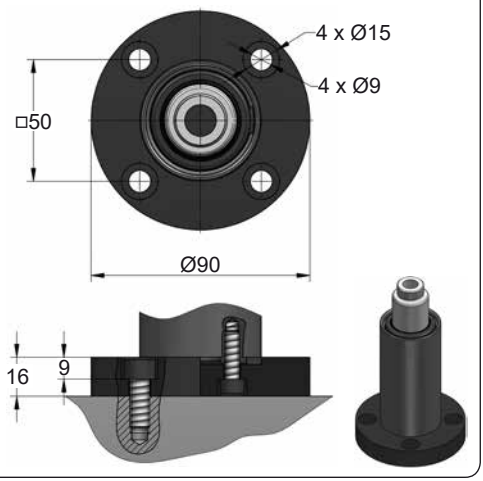

| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

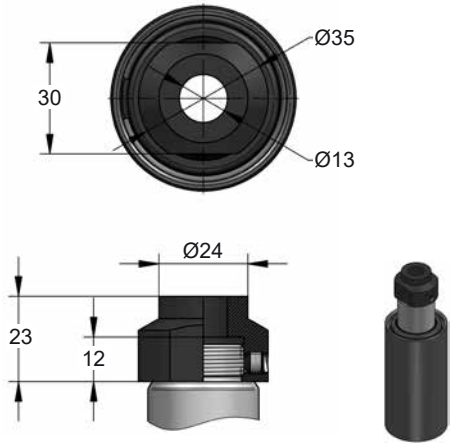
# VH 500 MOUNTS

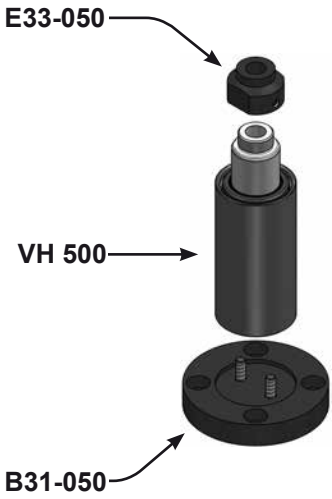
*Special Applications*

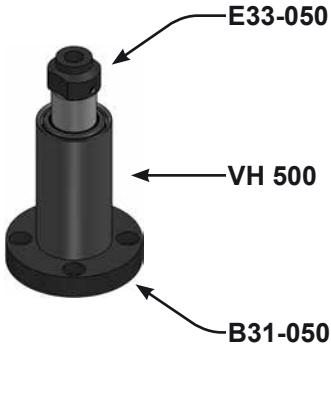
## B31-050




## E33-050



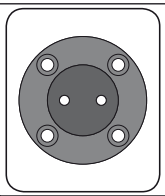



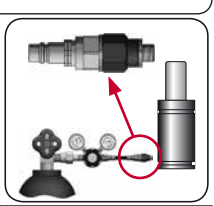










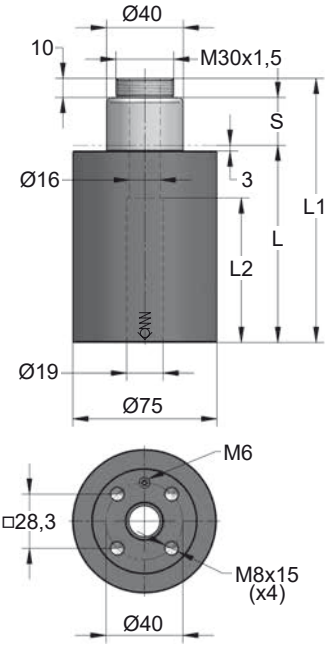


| CODE | | VH 500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B31-050 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

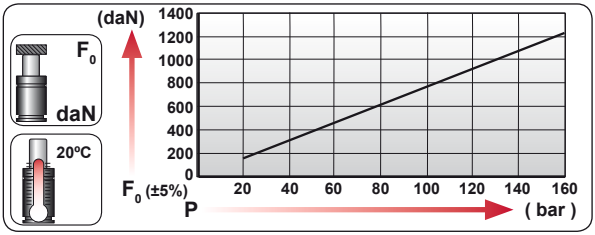
# VH 1200

*Special Applications*

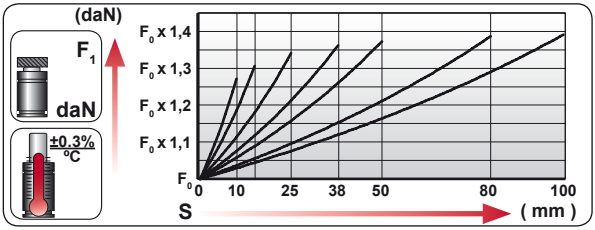
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | L2 (mm) | Kg. |
|---|---|---|---|---|---|
| VH 1200 010 | 10 | 108 | 88 | 45.5 | 2.37 |
| VH 1200 015 | 15 | 118 | 93 | 55.5 | 2.45 |
| VH 1200 025 | 25 | 138 | 103 | 75.5 | 2.63 |
| VH 1200 038 | 38 | 164 | 116 | 85.5 | 2.86 |
| VH 1200 050 | 50 | 188 | 128 | 97.5 | 3.08 |
| VH 1200 080 | 80 | 248 | 158 | 127.5 | 3.61 |
| VH 1200 100 | 100 | 288 | 178 | 147.5 | 3.97 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| VH 1200 050 | 160 | 2320 | 1225 | 1680 |
| --------- | --- | --- | --- | --- |

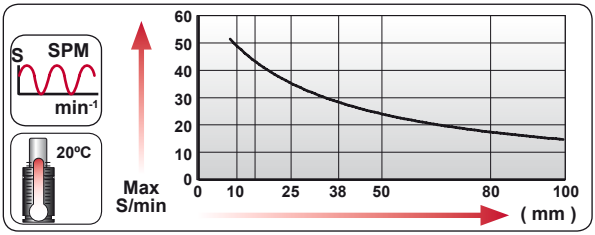


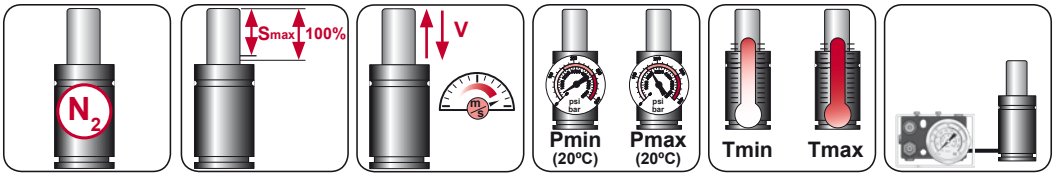

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

VH 1200 50

VH 1200 050



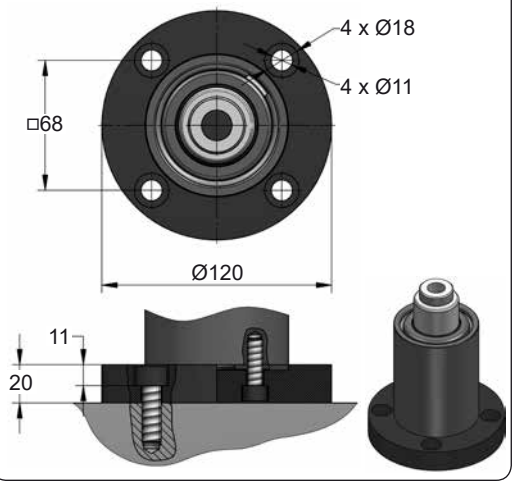

| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 160 2320 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

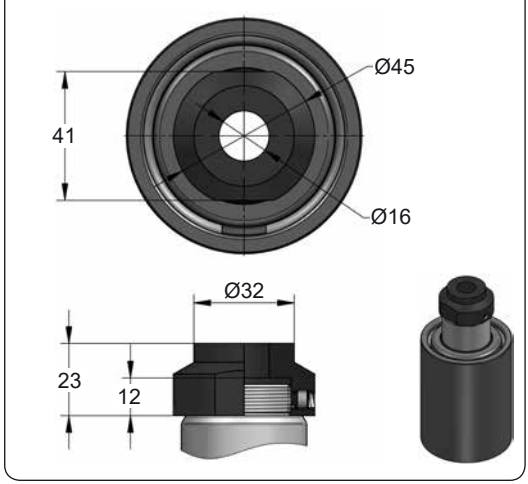
# VH 1200 MOUNTS

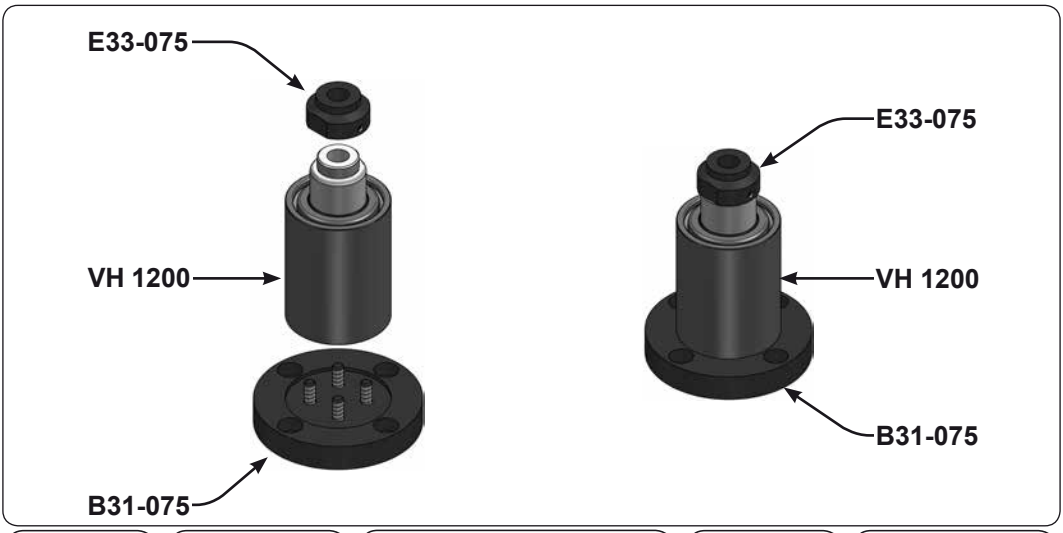
*Special Applications*

## B31-075




## E33-075



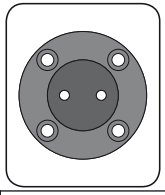



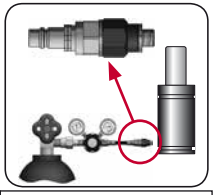










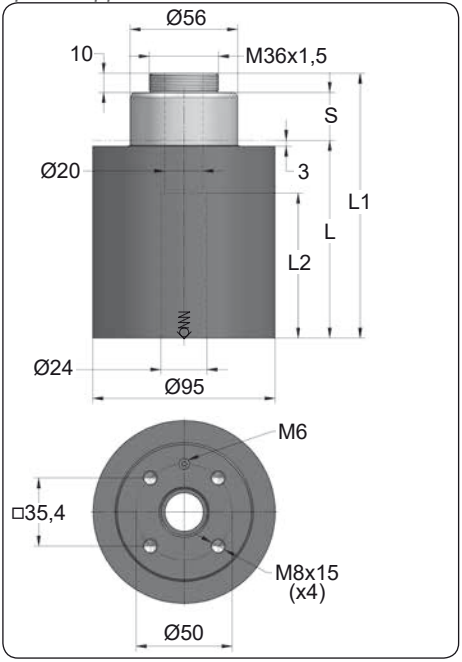


| CODE | | VH 1200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B31-075 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

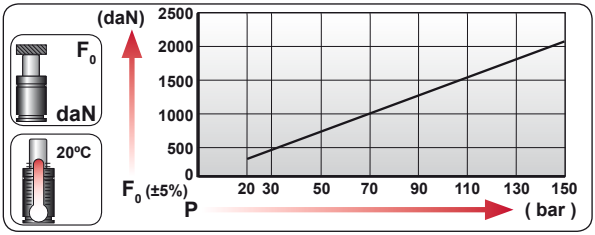
# VH 2200

*Special Applications*

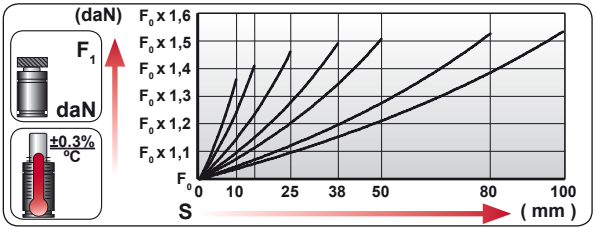
AZOL GAS



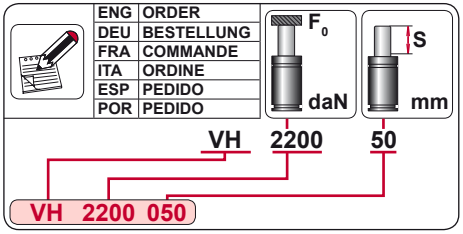

| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | L2 (mm) | Kg. |
|---|---|---|---|---|---|
| VH 2200 010 | 10 | 108 | 88 | 45.5 | 3.88 |
| VH 2200 015 | 15 | 118 | 93 | 55.5 | 4.04 |
| VH 2200 025 | 25 | 138 | 103 | 75.5 | 4.36 |
| VH 2200 038 | 38 | 164 | 116 | 85.5 | 4.77 |
| VH 2200 050 | 50 | 188 | 128 | 97.5 | 5.16 |
| VH 2200 080 | 80 | 248 | 158 | 127.5 | 6.12 |
| VH 2200 100 | 100 | 288 | 178 | 147.5 | 6.76 |

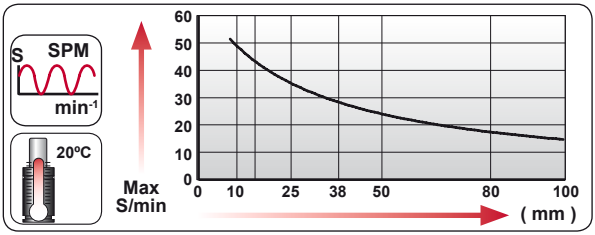


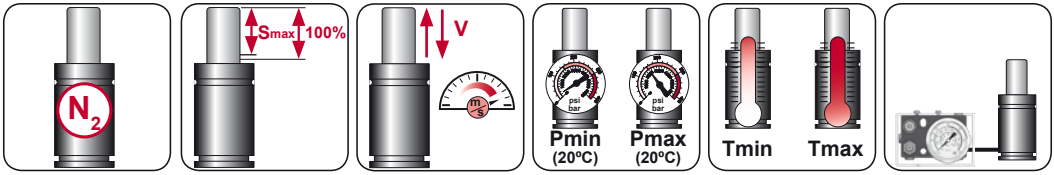

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| VH 2200 050 | 150 | 2175 | 2168 | 3310 |
| --------- | --- | --- | --- | --- |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



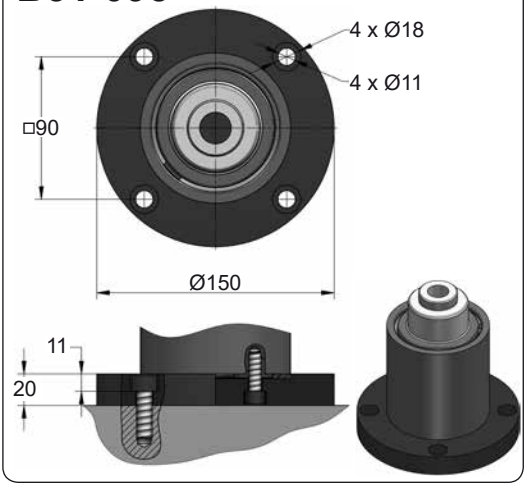

| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

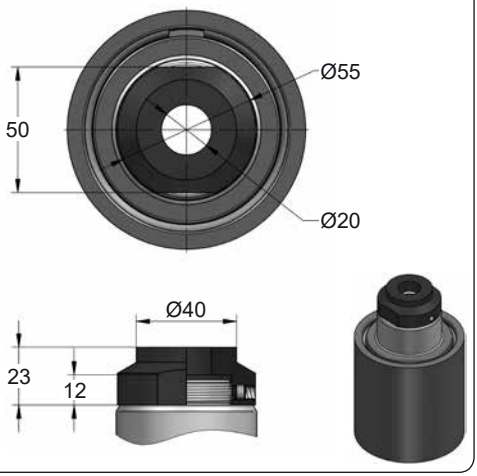
# VH 2200 MOUNTS

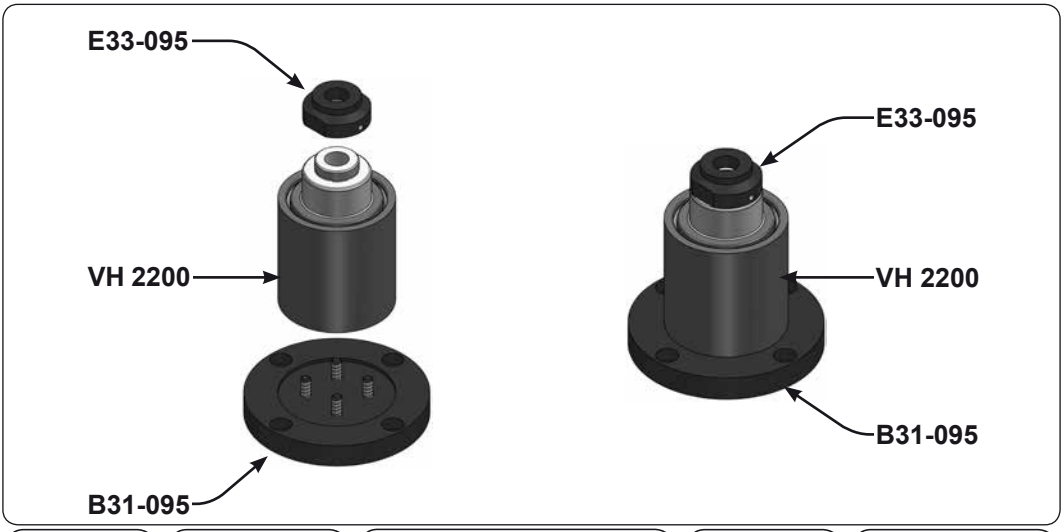
*Special Applications*

## B31-095




## E33-095



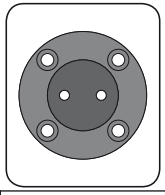



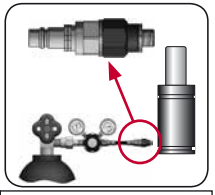










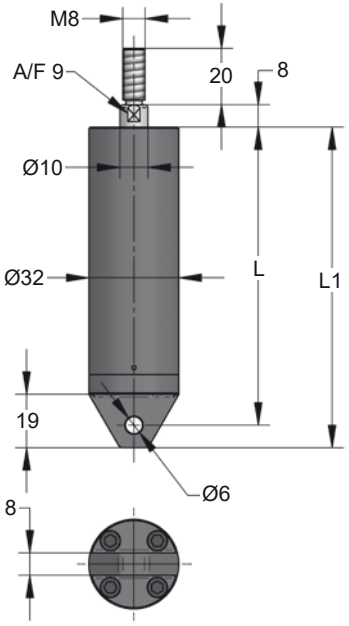


| CODE | | VH 2200 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | B31-095 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

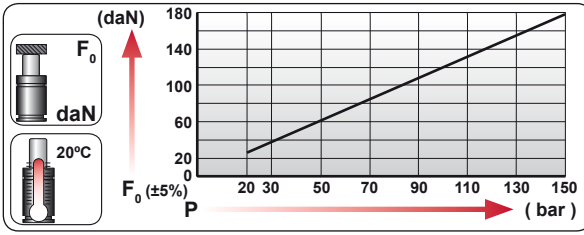
# ART 180

*Special Applications*

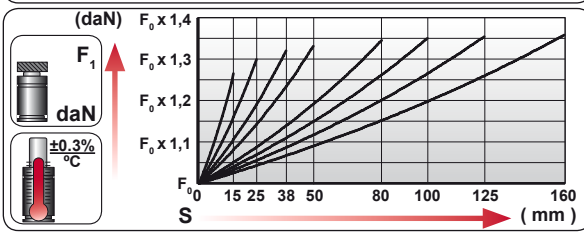
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ART 180 015 | 15 | 114 | 106 | 0.52 |
| ART 180 025 | 25 | 134 | 126 | 0.59 |
| ART 180 038 | 38 | 160 | 152 | 0.67 |
| ART 180 050 | 50 | 184 | 176 | 0.74 |
| ART 180 080 | 80 | 244 | 236 | 0.93 |
| ART 180 100 | 100 | 284 | 276 | 1.06 |
| ART 180 125 | 125 | 334 | 326 | 1.21 |
| ART 180 160 | 160 | 404 | 396 | 1.43 |




| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| ART 180 050 | | 150 | 2175 | 180 | 240 |
| --------- | | --- | --- | --- | --- |

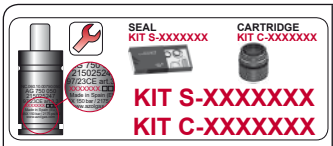


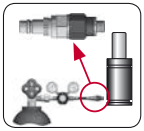

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

ART 180 50

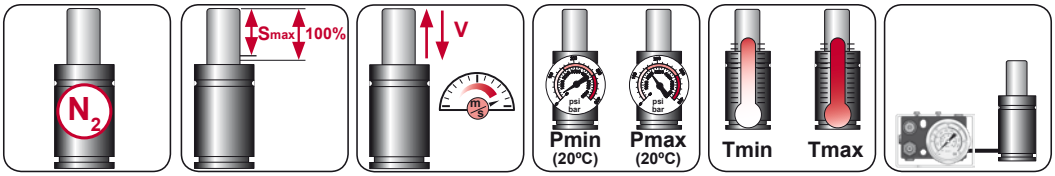
ART 180 050



18 CG 1-Q

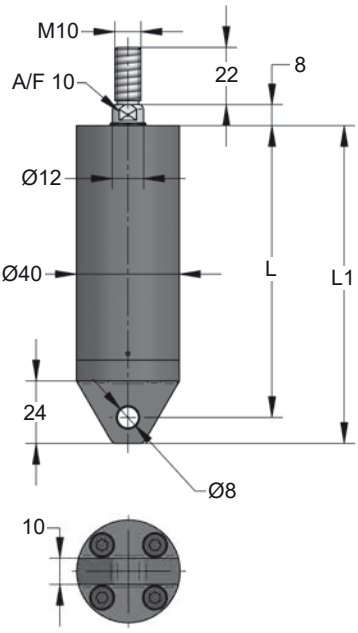
| | | |
|---|---|---|
| ENG | REPAIR KIT | CHARGING ADAPTER |
| DEU | ERSATZ | LADEADAPTER |
| FRA | KIT DE RÉPARATION | RACCORD DE CHARGE |
| ITA | KIT DI MANUTENZIONE | ADATTATORE DI CARICO |
| ESP | KIT DE REPARACION | ADAPTADOR DE CARGA |
| POR | KIT DE MANUTENÇÃO | ADAPTADOR DE CARGA |



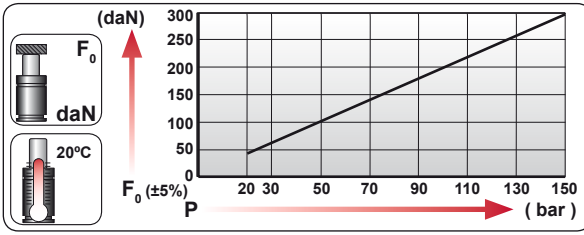

| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

# AZOL GAS ART 300

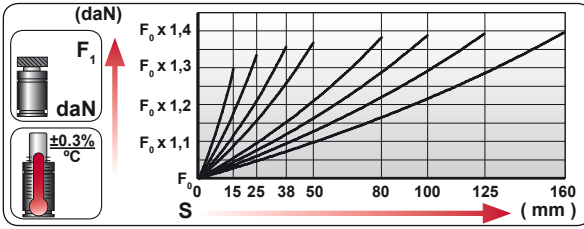
*Special Applications*




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ART 300 015 | 15 | 122 | 112 | 0.83 |
| ART 300 025 | 25 | 142 | 132 | 0.93 |
| ART 300 038 | 38 | 168 | 158 | 1.05 |
| ART 300 050 | 50 | 192 | 182 | 1.17 |
| ART 300 080 | 80 | 252 | 242 | 1.46 |
| ART 300 100 | 100 | 292 | 282 | 1.65 |
| ART 300 125 | 125 | 342 | 332 | 1.89 |
| ART 300 160 | 160 | 412 | 402 | 2.23 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| ART 300 050 | 150 | 2175 | 300 | 410 |
| --------- | --- | --- | --- | --- |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

ART 300 50

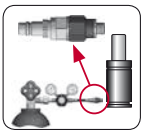
ART 300 050

SEAL KIT S-XXXXXXX

CARTRIDGE KIT C-XXXXXXX

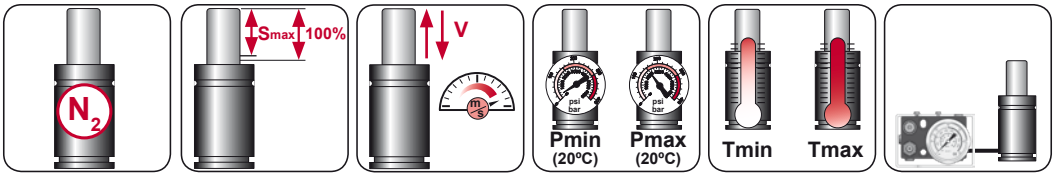
**KIT S-XXXXXXX**

**KIT C-XXXXXXX**



**18 CG 1-Q**

| | | |
|---|---|---|
| ENG | REPAIR KIT | CHARGING ADAPTER |
| DEU | ERSATZ | LADEADAPTER |
| FRA | KIT DE RÉPARATION | RACCORD DE CHARGE |
| ITA | KIT DI MANUTENZIONE | ADATTATORE DI CARICO |
| ESP | KIT DE REPARACION | ADAPTADOR DE CARGA |
| POR | KIT DE MANUTENÇÃO | ADAPTADOR DE CARGA |

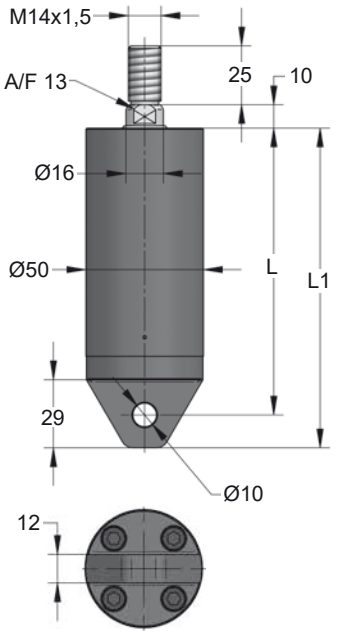



| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

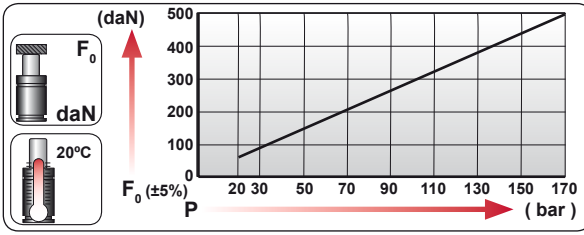
# ART 500

*Special Applications*

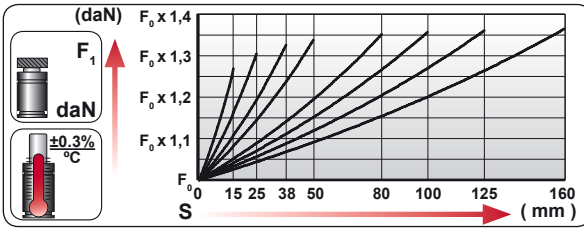
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ART 500 015 | 15 | 136 | 122 | 1.50 |
| ART 500 025 | 25 | 156 | 142 | 1.64 |
| ART 500 038 | 38 | 182 | 168 | 1.82 |
| ART 500 050 | 50 | 206 | 192 | 1.99 |
| ART 500 080 | 80 | 266 | 252 | 2.41 |
| ART 500 100 | 100 | 306 | 292 | 2.69 |
| ART 500 125 | 125 | 356 | 342 | 3.05 |
| ART 500 160 | 160 | 426 | 412 | 3.54 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| ART 500 050 | 170 | 2465 | 500 | 670 |
| --------- | --- | --- | --- | --- |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

ART 500 50

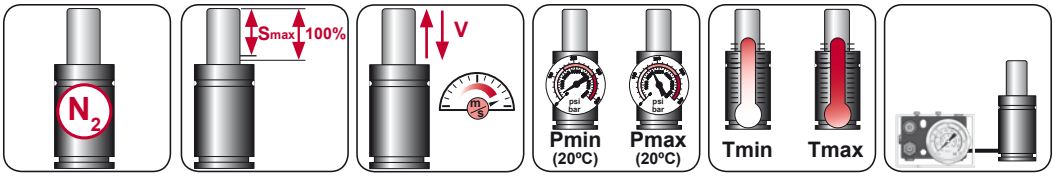
ART 500 050

SEAL KIT S-XXXXXXX — CARTRIDGE KIT C-XXXXXXX

KIT S-XXXXXXX
KIT C-XXXXXXX

18 CG 1-Q

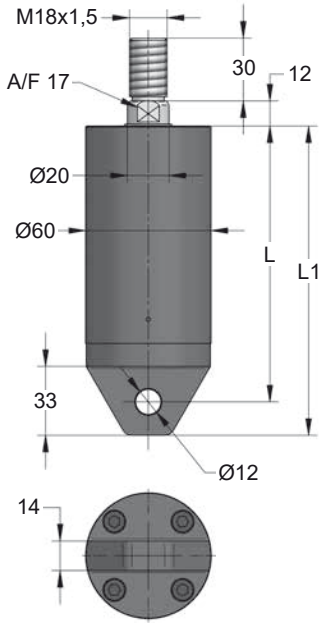
| | | |
|---|---|---|
| ENG | REPAIR KIT | CHARGING ADAPTER |
| DEU | ERSATZ | LADEADAPTER |
| FRA | KIT DE RÉPARATION | RACCORD DE CHARGE |
| ITA | KIT DI MANUTENZIONE | ADATTATORE DI CARICO |
| ESP | KIT DE REPARACION | ADAPTADOR DE CARGA |
| POR | KIT DE MANUTENÇÃO | ADAPTADOR DE CARGA |



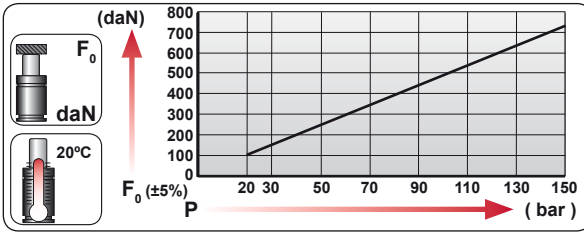

| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 170 2465 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

# AZOL GAS ART 750

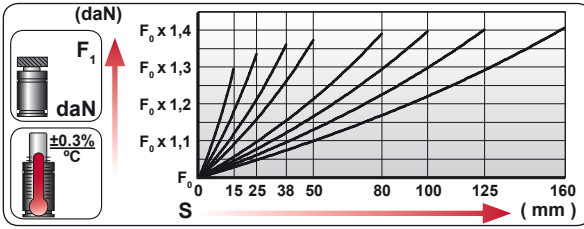
*Special Applications*




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ART 750 015 | 15 | 148 | 132 | 2.32 |
| ART 750 025 | 25 | 168 | 152 | 2.52 |
| ART 750 038 | 38 | 194 | 178 | 2.77 |
| ART 750 050 | 50 | 218 | 202 | 3.00 |
| ART 750 080 | 80 | 278 | 262 | 3.59 |
| ART 750 100 | 100 | 318 | 302 | 3.98 |
| ART 750 125 | 125 | 368 | 352 | 4.47 |
| ART 750 160 | 160 | 438 | 422 | 5.16 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| ART 750 050 | 150 | 2175 | 735 | 1010 |
| --------- | --- | --- | --- | --- |



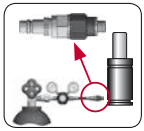

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

ART 750 50

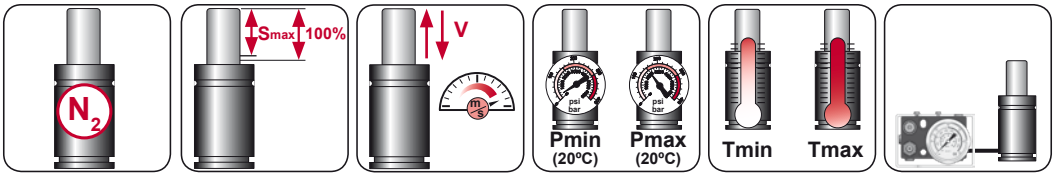
ART 750 050



18 CG 1-Q

| | | |
|---|---|---|
| ENG | REPAIR KIT | CHARGING ADAPTER |
| DEU | ERSATZ | LADEADAPTER |
| FRA | KIT DE RÉPARATION | RACCORD DE CHARGE |
| ITA | KIT DI MANUTENZIONE | ADATTATORE DI CARICO |
| ESP | KIT DE REPARACION | ADAPTADOR DE CARGA |
| POR | KIT DE MANUTENÇÃO | ADAPTADOR DE CARGA |

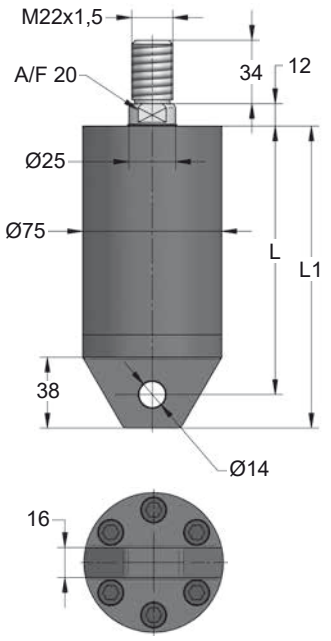



| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | |
|---|---|---|---|---|---|---|---|

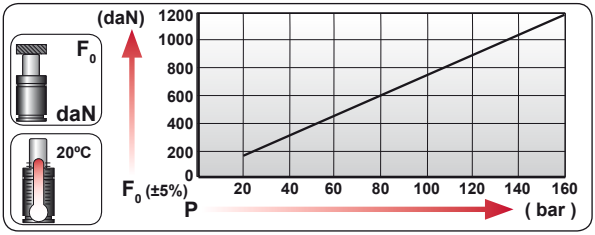
# ART 1200

*Special Applications*

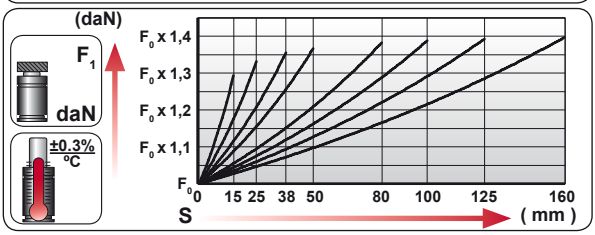
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ART 1200 015 | 15 | 162 | 144 | 4.01 |
| ART 1200 025 | 25 | 182 | 164 | 4.33 |
| ART 1200 038 | 38 | 208 | 190 | 4.74 |
| ART 1200 050 | 50 | 232 | 214 | 5.12 |
| ART 1200 080 | 80 | 292 | 274 | 6.06 |
| ART 1200 100 | 100 | 332 | 314 | 6.69 |
| ART 1200 125 | 125 | 382 | 364 | 7.48 |
| ART 1200 160 | 160 | 452 | 434 | 8.58 |




| CODE | bar | psi | F0 daN | F1 daN |
|---|---|---|---|---|
| ART 1200 050 | 160 | 2320 | 1200 | 1640 |
| --------- | --- | --- | --- | --- |

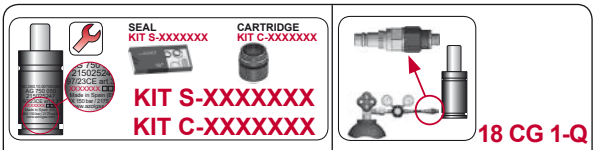



| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

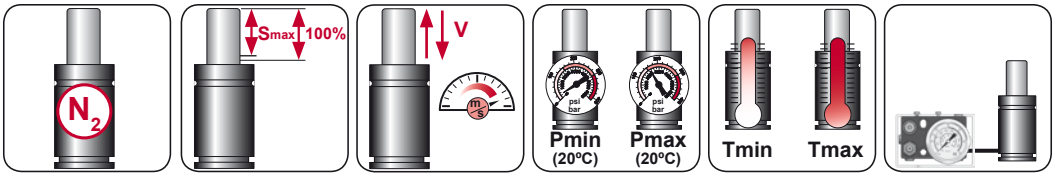
F0 daN — S mm

ART 1200 50

ART 1200 050



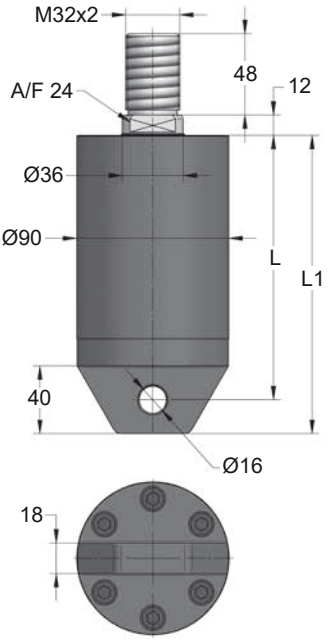

| | | |
|---|---|---|
| ENG | REPAIR KIT | CHARGING ADAPTER |
| DEU | ERSATZ | LADEADAPTER |
| FRA | KIT DE RÉPARATION | RACCORD DE CHARGE |
| ITA | KIT DI MANUTENZIONE | ADATTATORE DI CARICO |
| ESP | KIT DE REPARACION | ADAPTADOR DE CARGA |
| POR | KIT DE MANUTENÇÃO | ADAPTADOR DE CARGA |



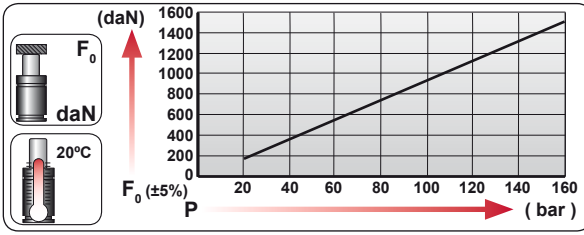

| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 160 2320 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

# AZOL GAS ART 1500

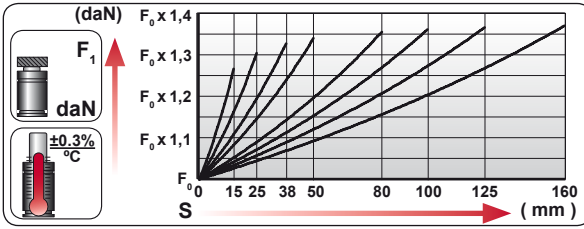
*Special Applications*




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| ART 1500 015 | 15 | 176 | 156 | 6.56 |
| ART 1500 025 | 25 | 196 | 176 | 7.02 |
| ART 1500 038 | 38 | 222 | 202 | 7.63 |
| ART 1500 050 | 50 | 246 | 226 | 8.19 |
| ART 1500 080 | 80 | 306 | 286 | 9.58 |
| ART 1500 100 | 100 | 346 | 326 | 10.51 |
| ART 1500 125 | 125 | 396 | 376 | 11.68 |
| ART 1500 160 | 160 | 466 | 446 | 13.30 |




| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| ART 1500 050 | 160 | 2320 | 1500 | 2010 |
| --------- | --- | --- | --- | --- |



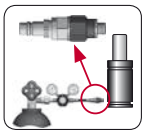

| | | |
|---|---|---|
| ENG | ORDER | |
| DEU | BESTELLUNG | |
| FRA | COMMANDE | |
| ITA | ORDINE | |
| ESP | PEDIDO | |
| POR | PEDIDO | |

$F_0$ daN — S mm

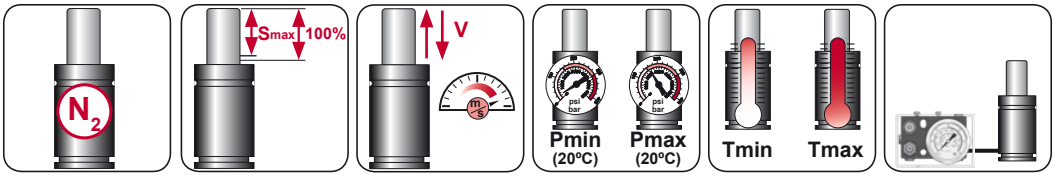
ART 1500 50

ART 1500 050




| | | |
|---|---|---|
| ENG | REPAIR KIT | CHARGING ADAPTER |
| DEU | ERSATZ | LADEADAPTER |
| FRA | KIT DE RÉPARATION | RACCORD DE CHARGE |
| ITA | KIT DI MANUTENZIONE | ADATTATORE DI CARICO |
| ESP | KIT DE REPARACION | ADAPTADOR DE CARGA |
| POR | KIT DE MANUTENÇÃO | ADAPTADOR DE CARGA |



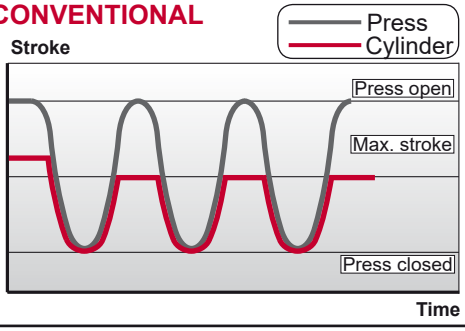

| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 160 2320 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

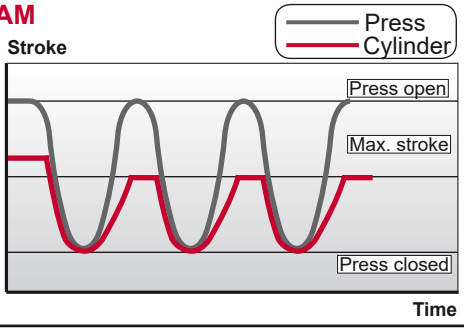
# VAM SLOWED RETURN

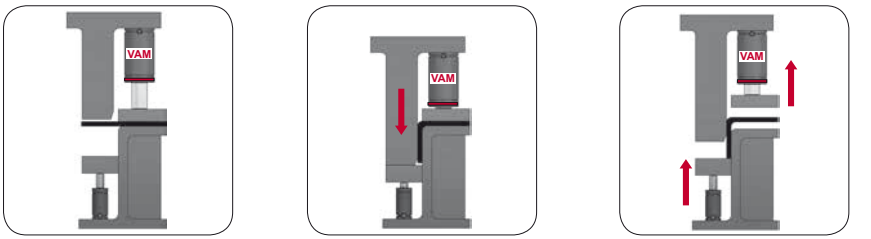
| MODEL | $F_0$ | Ø | S | L1 | Pmax | Charge Port | | |
|---|---|---|---|---|---|---|---|---|
| VAM 300 V1 | 300 | Ø45 | 25 - 100 | 135 - 285 | 150 | G1/8" | ✔ | ✔ |
| VAM 750 | 750 | Ø75 | 25 - 125 | 160 - 360 | 75 | G1/8" | ✔ | ✔ |
| VAM 1500 | 1500 | Ø95 | 25 - 125 | 170 - 370 | 75 | G1/8" | ✔ | ✔ |
| VAM 3000 | 3000 | Ø120 | 25 - 125 | 190 - 390 | 90 | G1/8" | ✔ | ✔ |
| VAM 5000 | 5000 | Ø150 | 25 - 125 | 205 - 405 | 100 | G1/8" | ✔ | ✔ |
| VAM 7500 | 7500 | Ø195 | 25 - 125 | 210 - 410 | 105 | G1/8" | ✔ | ✔ |

## CONVENTIONAL




## VAM




**VAM** gas spring meets the needs of applications requiring a **delayed return** of the rammer about the matrix.
**VAM** gas spring when returns to its initial position, the first mm backs at the same speed as a conventional gas spring, and subsequently slowed.

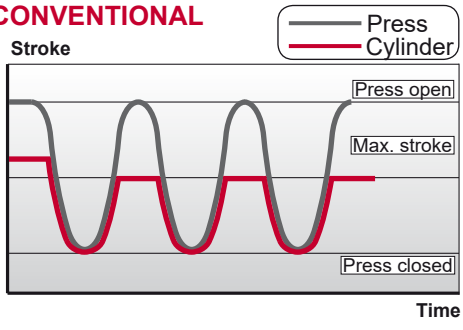
## ADVANTAGES

- Prevents blank holder **bounce**.
- Increases **productivity**.
- **Easy** implementation.
- Use **self-contained** or **hosed**.
- Compatible with **ISO** dimensions.
- **Cost savings** to alternatives.

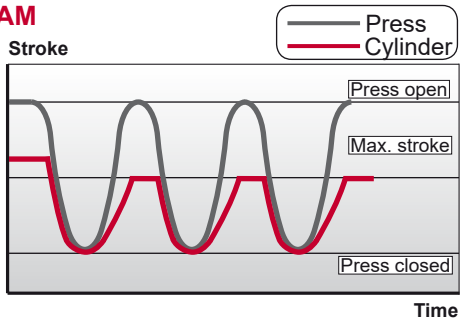
# VAM SLOWED RETURN

AZOL GAS

## CONVENTIONAL



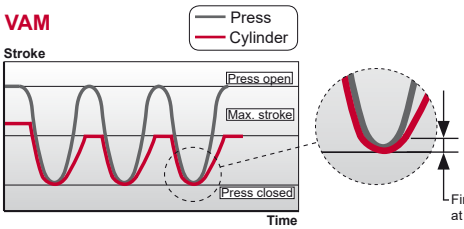

## VAM




VAM gas springs are designed to return stroke at a constant slowed speed.

## HOW IT WORKS




| NOMINAL FORCE (daN) | CONSTANT (k) | MAXIMUM SLOWED RETURN ($t_{max}$) |
|---|---|---|
| 300 | 0.015 | $t_{max} = k \times S_U$ |

**EXAMPLE:** VAM 300 080 (300 daN)

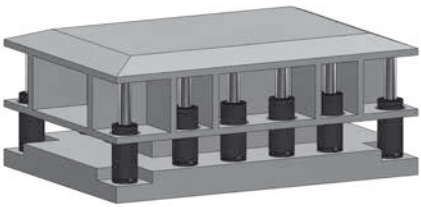
$t_{max} = k \times S_U = 0.015 \times 80 = 1,2$ seconds

*Stroke used ($S_U$)*

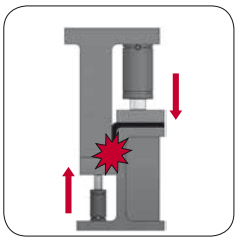
VAM gas spring when return to its initial position, the first mm backs at the same speed as a conventional gas spring and subsequently slowed.

Maximum slowed return stroke is defined to every model depending on used stroke.

## APPLICATIONS



BLANK HOLDER BOUNCE



RAMMER RISE & MATRIX REMOVE

A) Increasing return speed in high speed presses (e.g. link drive presses) cause blank holder bounce back.

B) The ejector part starts working when the rammer is still holding it.

AZOL GAS

# VAM SLOWED RETURN

## CHALLENGE AND SOLUTION



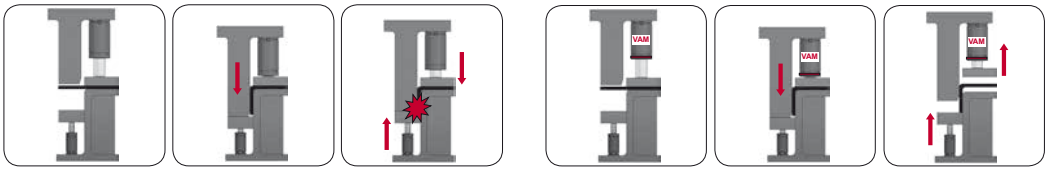
CHALLENGE: Blank holder bounce, difficult part transfer.

SOLUTION: VAM slow return piston rod eliminates blank holder bounce.

## CHALLENGE AND SOLUTION

CHALLENGE

SOLUTION




CHALLENGE: Synchronized movement of rammer rise and removal of matrix causes deformation of metal part.

SOLUTION: VAM slowed return piston rod makes possible the removal of metal part without being deformed.

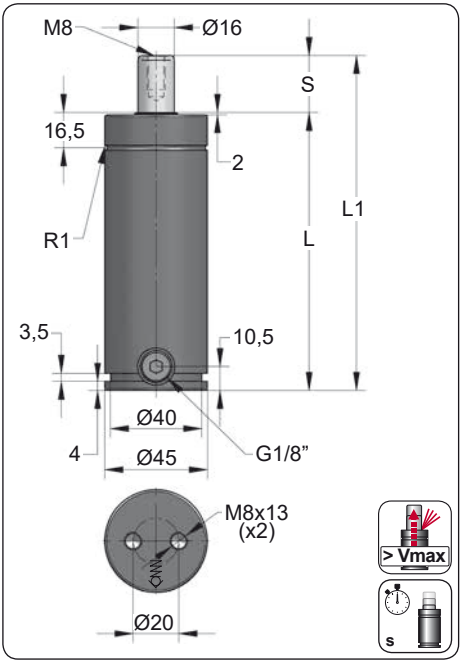
## ADVANTAGES

- Prevents blank holder **bounce**.
- Increases **productivity**.
- **Easy** implementation.
- Use **self-contained** or **hosed**.
- Compatible with **ISO** dimensions.
- **Cost savings** to alternatives.

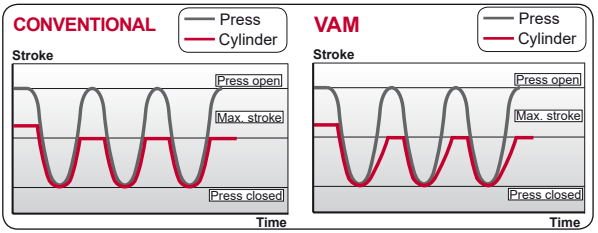
# VAM 300 V1

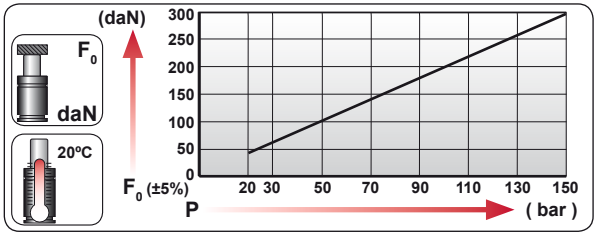
*Slowed Return*

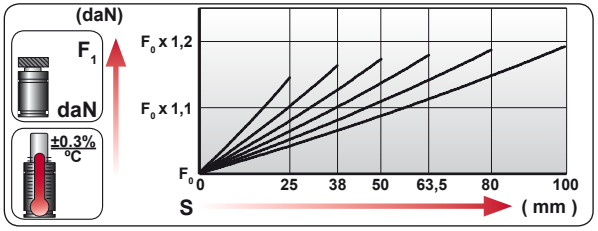
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| VAM 300 025 V1 | 25 | 135 | 110 | 1.12 |
| VAM 300 038 V1 | 38 | 161 | 123 | 1.20 |
| VAM 300 050 V1 | 50 | 185 | 135 | 1.27 |
| VAM 300 063 V1 | 63.5 | 212 | 148.5 | 1.35 |
| VAM 300 080 V1 | 80 | 245 | 165 | 1.45 |
| VAM 300 100 V1 | 100 | 285 | 185 | 1.57 |



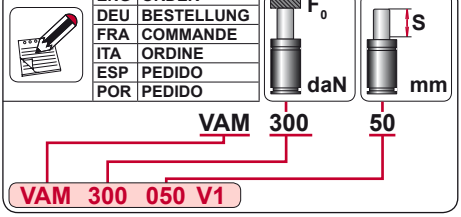



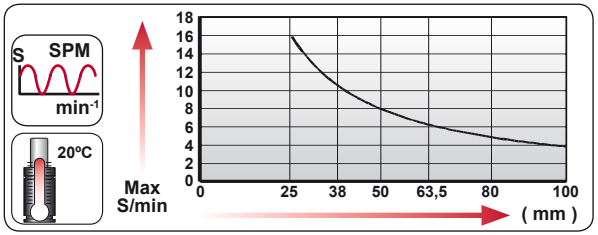

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| VAM 300 V1 | 150 | 2175 | 300 | 350 |

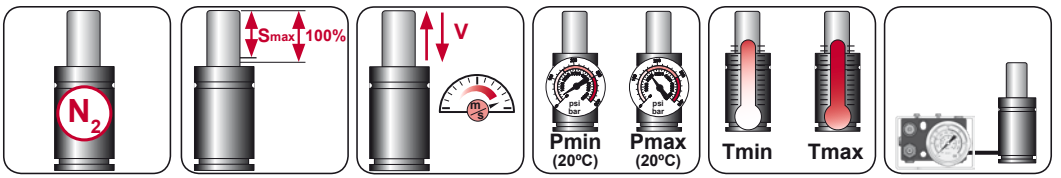
-Spring-back depending on used stroke.
-Return stroke at constant slowed speed.
-Prevent over-heating by limiting SPM.

WARNING!

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 150 2175 | °C °F 0 32 | °C °F 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# VAM 300 V1

*Slowed Return*

## REQUIRED DATA



- Do piston rod have to keep locked down? **(yes / no)**.....




- Desired force **( daN )**.....




- Total stroke **( mm )**.....




- Stroke used **( mm )**.....




- Number of cycles per minute.....




- Desired slowed return **( eg. 1 second)**.....

### MAXIMUM SLOWED RETURN

VAM gas springs are designed to return stroke at a constant slowed speed.
Maximum slowed return is defined to every model as per stroke used.

| NOMINAL FORCE (daN) | CONSTANT (k) | MAXIMUM SLOWED RETURN ($t_{max}$) |
|---|---|---|
| 300 | 0.015 | $t_{max} = k \times S_U$ |

**EXAMPLE:** VAM 300 080 (300 daN)

$t_{max} = k \times S_U = 0.015 \times 80 = 1,2$ seconds

*Stroke used ($S_U$)*







### MAXIMUM WORKING FREQUENCY

The energy provided by the press to the gas spring to compress it in every press cycle is greater than the energy used by the gas spring to return to its extended position. The difference in energy (transmitted from press and used by gas spring) is transformed into heat inside the gas spring. Consequently, to avoid overheating in slowed return gas springs, heat generation must be limited (SPM strokes per minute).

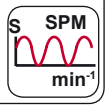
| NOMINAL FORCE (daN) | MAXIMUM WORKING FREQUENCY ($f_{max}$) |
|---|---|
| 300 | $f_{max} = \frac{144000}{S_U \times F_U}$ |

**EXAMPLE:** VAM 300 080 (300 daN)

$f_{max} = \frac{144000}{S_U \times F_U} = \frac{144000}{80 \times 300} = 6$ cycles/minute

*Stroke used ($S_U$)* *Force used ($F_U$)*



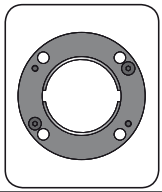



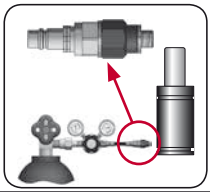












| CODE | | VAM 300 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

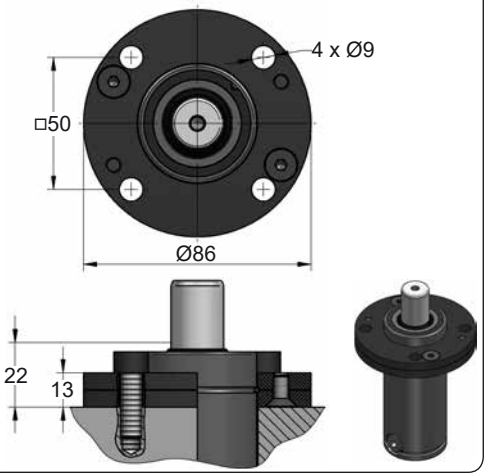
# VAM 300 V1 *MOUNTS*

*Slowed Return*

AZOL GAS

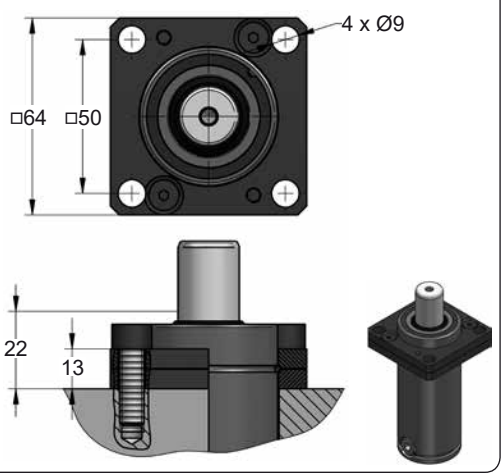
## A14-045

ISO | E24.54.815.G EM24.54.700/F

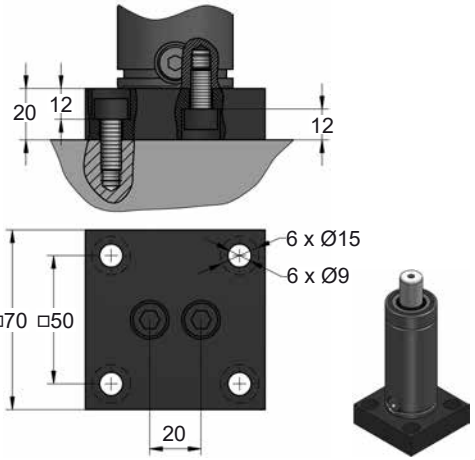



## A34-045

ISO | VDI

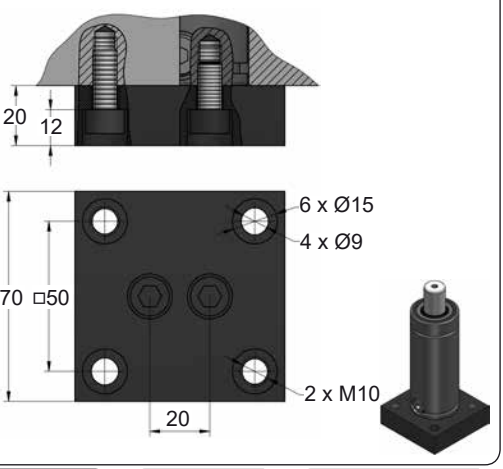



## B21-045




## B76-045

ISO | E24.54.815.G

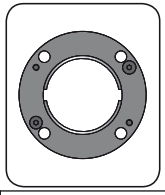


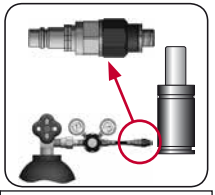












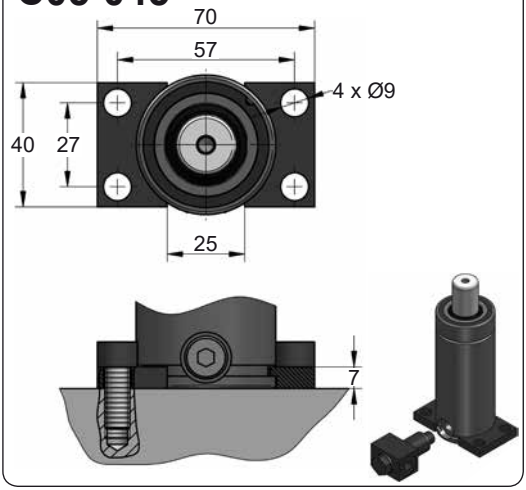
| CODE | | VAM 300 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# VAM 300 V1 *MOUNTS*

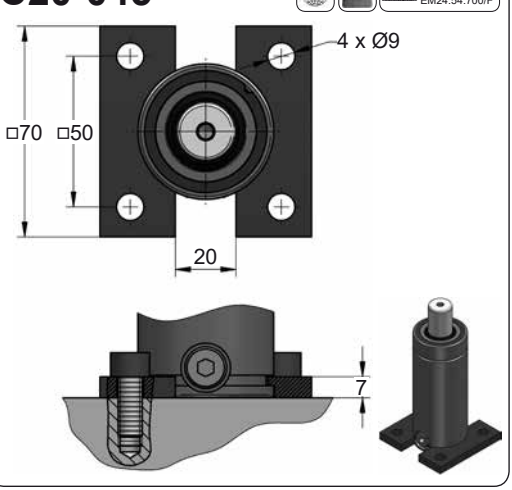
*Slowed Return*

## C05-045

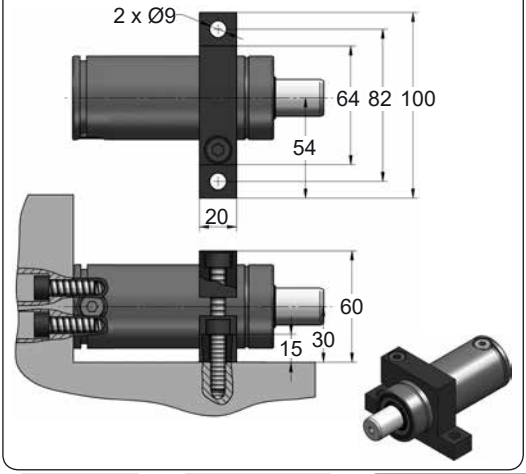



## C20-045

ISO VDI E24.54.815.G EM24.54.700/F

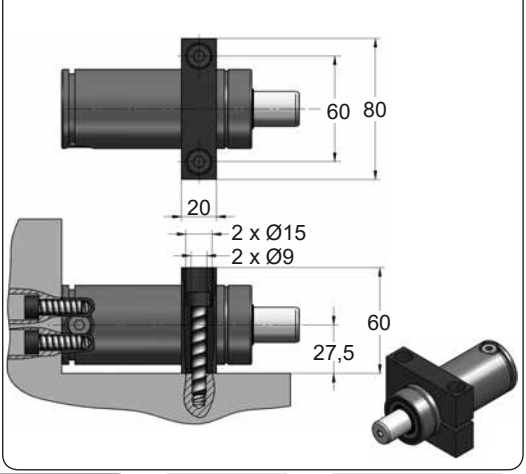



## D02-045




## D67-045

VDI

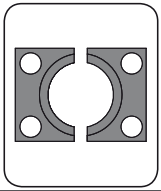


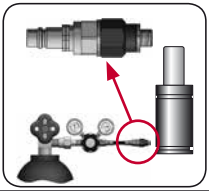










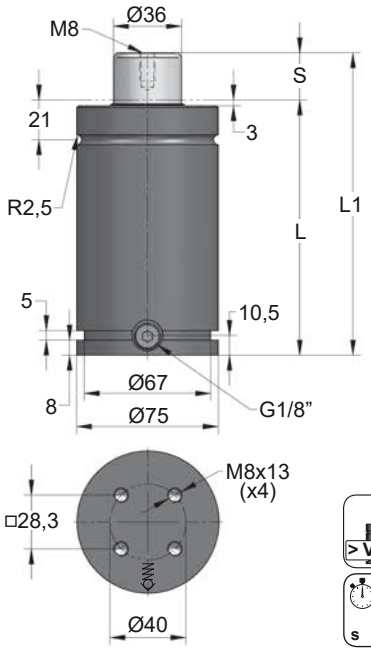


| CODE | | VAM 300 050 V1 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-045 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

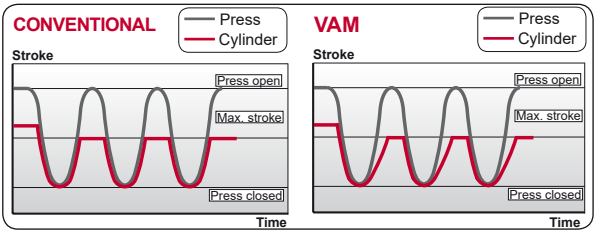
# VAM 750

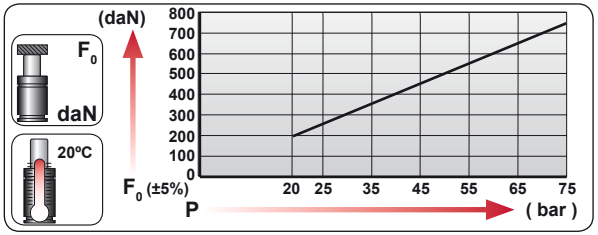
*Slowed Return*

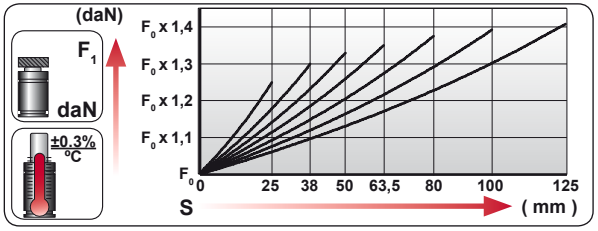
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| VAM 750 025 | 25 | 160 | 135 | 3.47 |
| VAM 750 038 | 38 | 186 | 148 | 3.71 |
| VAM 750 050 | 50 | 210 | 160 | 3.92 |
| VAM 750 063 | 63.5 | 237 | 173.5 | 4.17 |
| VAM 750 080 | 80 | 270 | 190 | 4.46 |
| VAM 750 100 | 100 | 310 | 210 | 4.82 |
| VAM 750 125 | 125 | 360 | 235 | 5.27 |



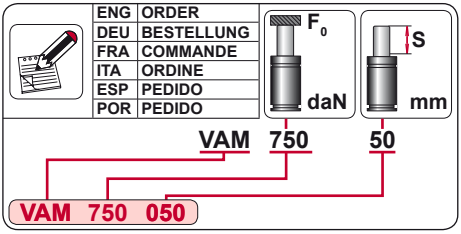



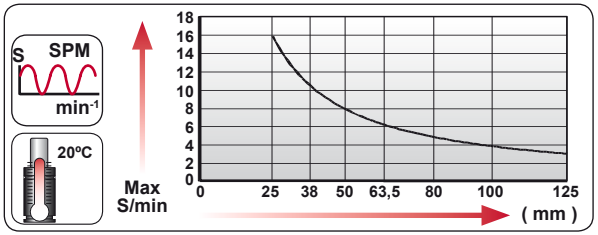



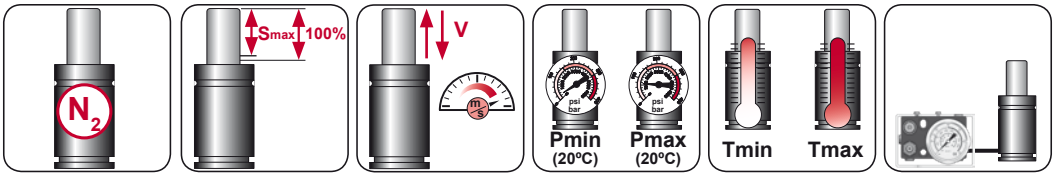

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| VAM 750 | 75 | 1088 | 760 | 1010 |

-Spring-back depending on used stroke.
-Return stroke at constant slowed speed.
-Prevent over-heating by limiting SPM.

WARNING!




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 75 1088 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# VAM 750

*Slowed Return*

## REQUIRED DATA



- Do piston rod have to keep locked down? **(yes / no)**.....




- Desired force **( daN )**.....




- Total stroke **( mm )**.....




- Stroke used **( mm )**.....




- Number of cycles per minute.....




- Desired slowed return **( eg. 1 second)**.....

### MAXIMUM SLOWED RETURN

VAM gas springs are designed to return stroke at a constant slowed speed.
Maximum slowed return is defined to every model as per stroke used.

| NOMINAL FORCE (daN) | CONSTANT (k) | MAXIMUM SLOWED RETURN ($t_{max}$) |
|---|---|---|
| 760 | 0.062 | $t_{max} = k \times S_U$ |

**EXAMPLE:** VAM 750 080 (760 daN)

$t_{max} = k \times S_U = 0.062 \times 80 = 4.9$ seconds

*Stroke used ($S_U$)*







### MAXIMUM WORKING FREQUENCY

The energy provided by the press to the gas spring to compress it in every press cycle is greater than the energy used by the gas spring to return to its extended position. The difference in energy (transmitted from press and used by gas spring) is transformed into heat inside the gas spring. Consequently, to avoid overheating in slowed return gas springs, heat generation must be limited (SPM strokes per minute).

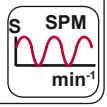
| NOMINAL FORCE (daN) | MAXIMUM WORKING FREQUENCY ($f_{max}$) |
|---|---|
| 760 | $f_{max} = \frac{360000}{S_U \times F_U}$ |

**EXAMPLE:** VAM 750 080 (760 daN)

$f_{max} = \frac{360000}{S_U \times F_U} = \frac{360000}{80 \times 760} = 6$ cycles/minute

*Stroke used ($S_U$)* *Force used ($F_U$)*



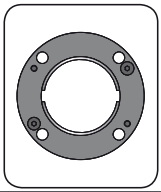



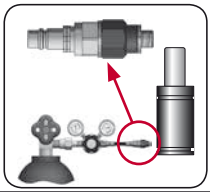












| CODE | | VAM 750 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

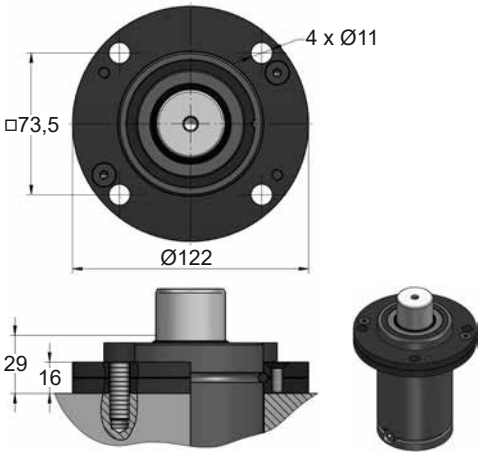
# VAM 750 MOUNTS

*Slowed Return*

AZOL GAS

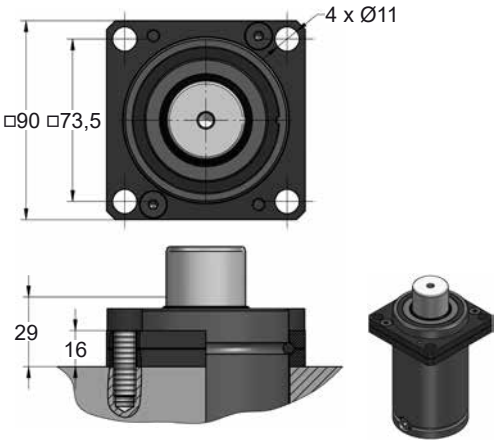
## A14-075

ISO · E24.54.815.G · EM24.54.700/F



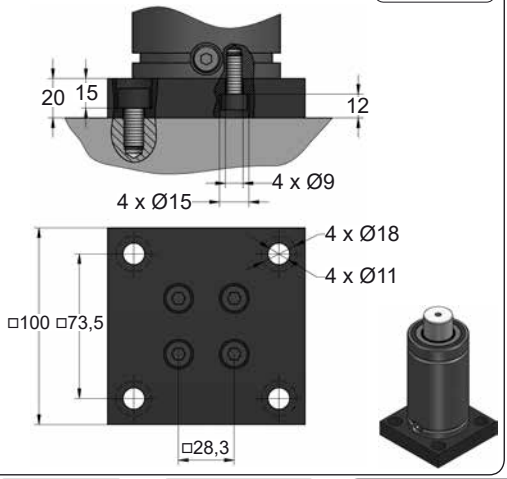

## A34-075

ISO · VDI



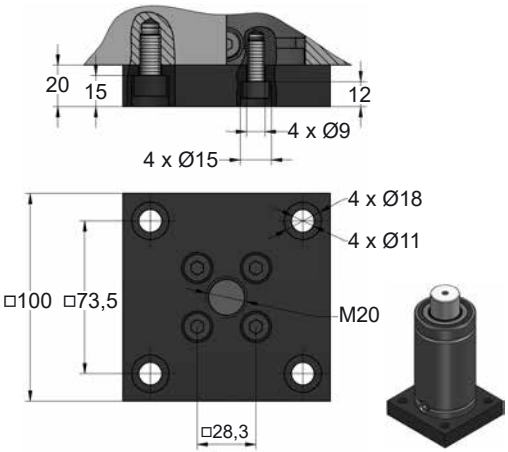

## B21-075

EM24.54.700/F




## B76-075

ISO · E24.54.815.G · EM24.54.700/F

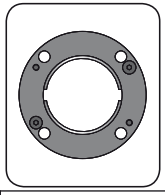


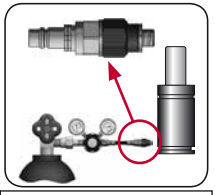












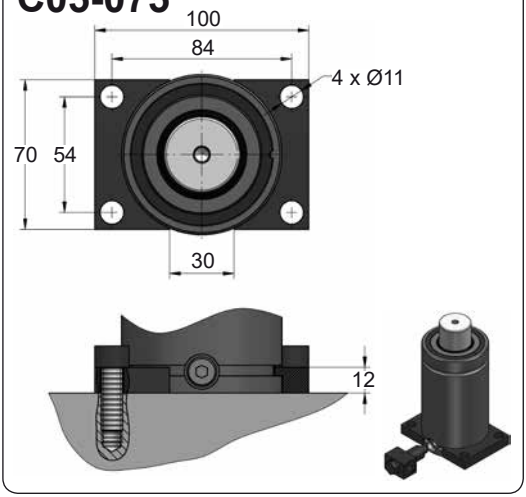
| CODE | | VAM 750 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# VAM 750 MOUNTS

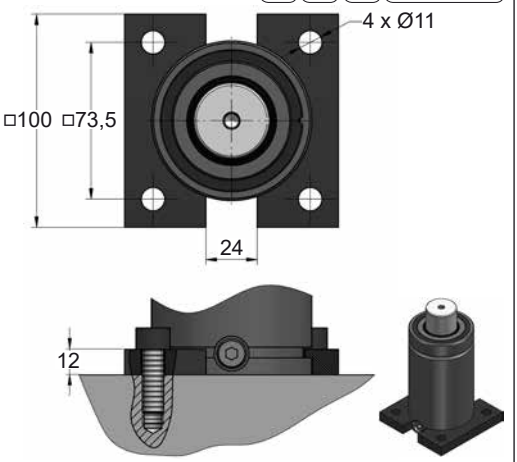
*Slowed Return*

## C05-075



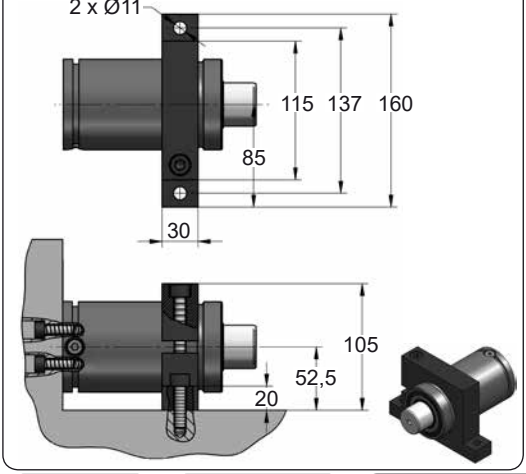

## C20-075

ISO · VDI · E24.54.815.G · EM24.54.700/F



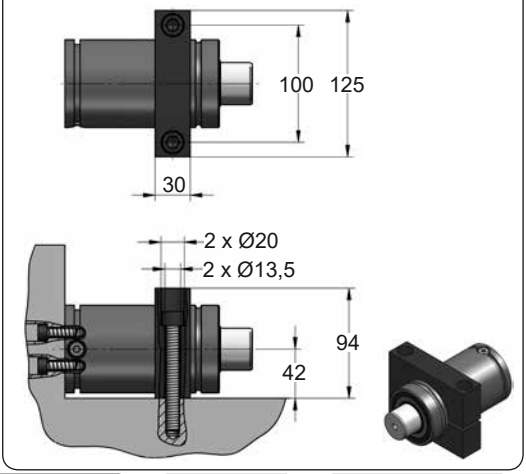

## D02-075

ISO · E24.54.815.G · EM24.54.700/F




## D67-075

VDI

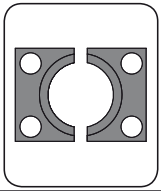


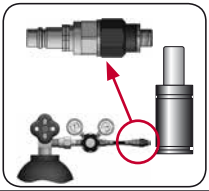










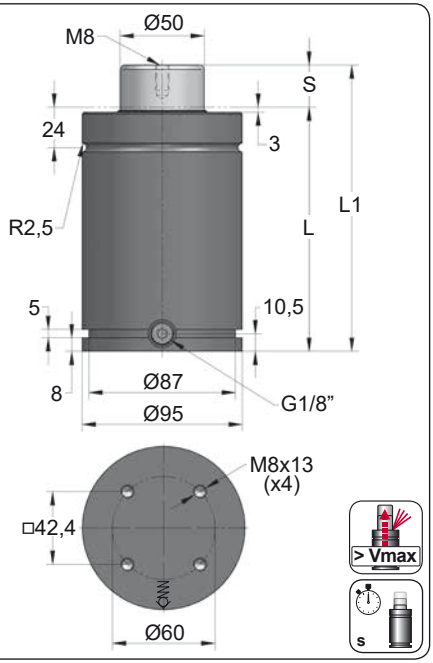


| CODE | | VAM 750 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-075 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

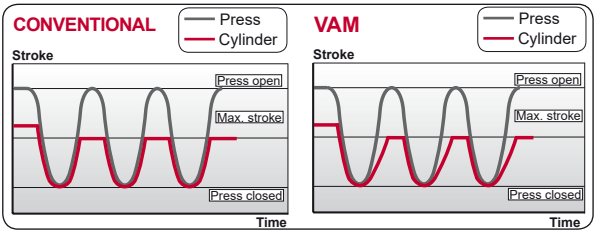
# VAM 1500

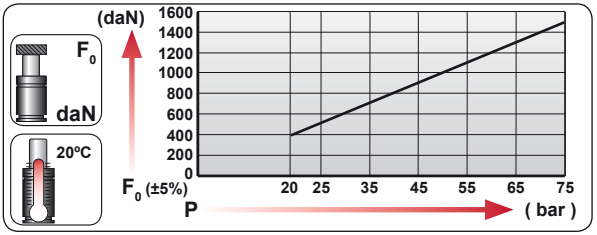
*Slowed Return*

AZOL GAS

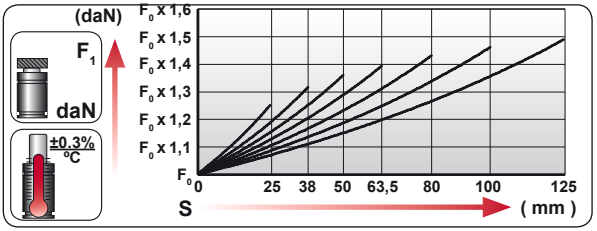



| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| VAM 1500 025 | 25 | 170 | 145 | 6.13 |
| VAM 1500 038 | 38 | 196 | 158 | 6.54 |
| VAM 1500 050 | 50 | 220 | 170 | 6.91 |
| VAM 1500 063 | 63.5 | 247 | 183.5 | 7.33 |
| VAM 1500 080 | 80 | 280 | 200 | 7.84 |
| VAM 1500 100 | 100 | 320 | 220 | 8.46 |
| VAM 1500 125 | 125 | 370 | 245 | 9.23 |



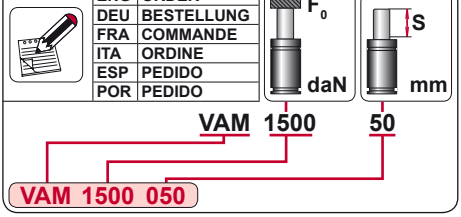

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| VAM 1500 | 75 | 1088 | 1470 | 2000 |

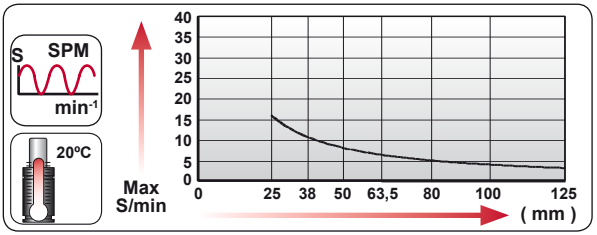


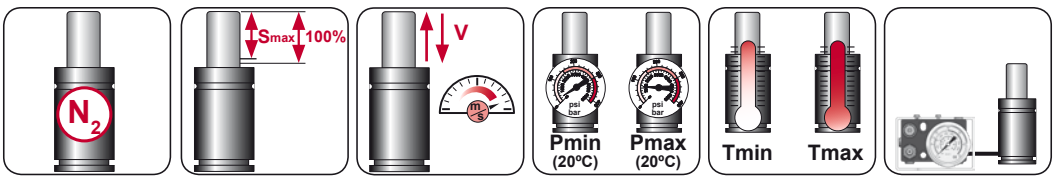

-Spring-back depending on used stroke.
-Return stroke at constant slowed speed.
-Prevent over-heating by limiting SPM.

WARNING!

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 75 1088 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# VAM 1500

*Slowed Return*

## REQUIRED DATA



- Do piston rod have to keep locked down? **(yes / no)**.....




- Desired force **( daN )**.....




- Total stroke **( mm )**.....




- Stroke used **( mm )**.....




- Number of cycles per minute.....




- Desired slowed return **( eg. 1 second)**.....

### MAXIMUM SLOWED RETURN

VAM gas springs are designed to return stroke at a constant slowed speed.
Maximum slowed return is defined to every model as per stroke used.

| NOMINAL FORCE (daN) | CONSTANT (k) | MAXIMUM SLOWED RETURN ($t_{max}$) |
|---|---|---|
| 1470 | 0.09 | $t_{max} = k \times S_U$ |

**EXAMPLE:** VAM 1500 080 (1470 daN)

$t_{max} = k \times S_U = 0.09 \times 80 = 7.2$ seconds

*Stroke used ($S_U$)*







### MAXIMUM WORKING FREQUENCY

The energy provided by the press to the gas spring to compress it in every press cycle is greater than the energy used by the gas spring to return to its extended position. The difference in energy (transmitted from press and used by gas spring) is transformed into heat inside the gas spring. Consequently, to avoid overheating in slowed return gas springs, heat generation must be limited (SPM strokes per minute).

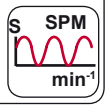
| NOMINAL FORCE (daN) | MAXIMUM WORKING FREQUENCY ($f_{max}$) |
|---|---|
| 1470 | $f_{max} = \frac{720000}{S_U \times F_U}$ |

**EXAMPLE:** VAM 1500 080 (1470 daN)

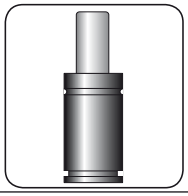
$f_{max} = \frac{720000}{S_U \times F_U} = \frac{720000}{80 \times 1470} = 6$ cycles/minute

*Stroke used ($S_U$)* *Force used ($F_U$)*

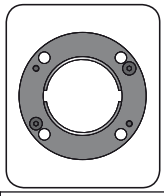


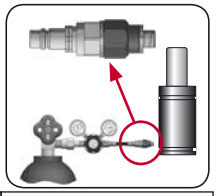









| CODE | | VAM 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

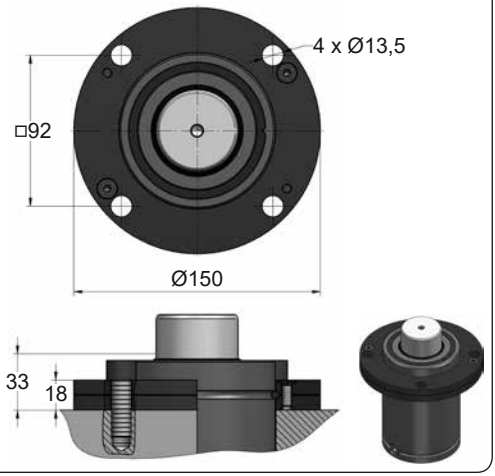
# VAM 1500 MOUNTS

*Slowed Return*

AZOL GAS

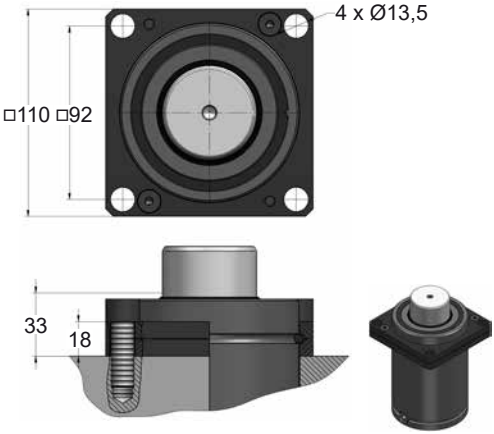
## A14-095

ISO · E24.54.815.G · EM24.54.700/F



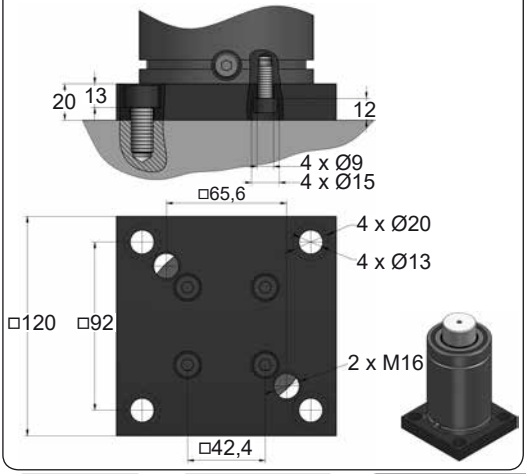

## A34-095

ISO · VDI



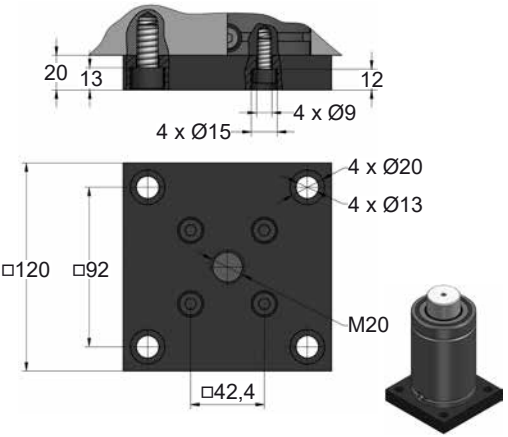

## B21-095

EM24.54.700/F




## B76-095

ISO · EM24.54.700/F

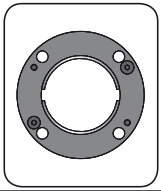


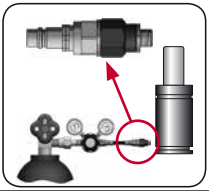












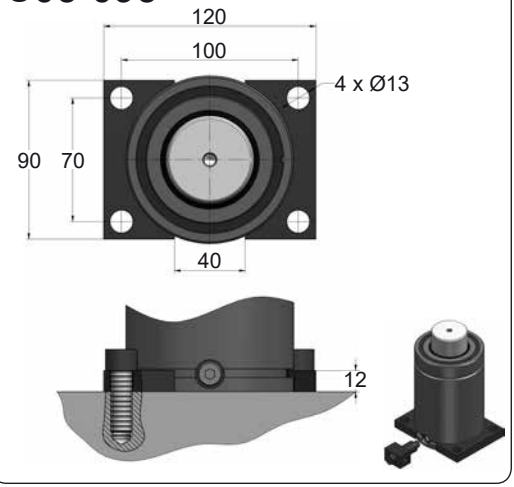
| CODE | | VAM 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# VAM 1500 MOUNTS

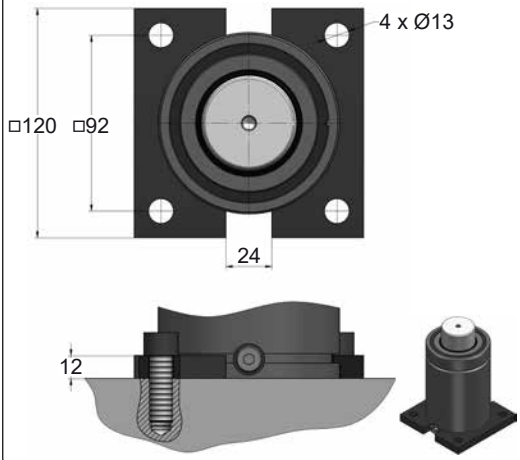
*Slowed Return*

## C05-095



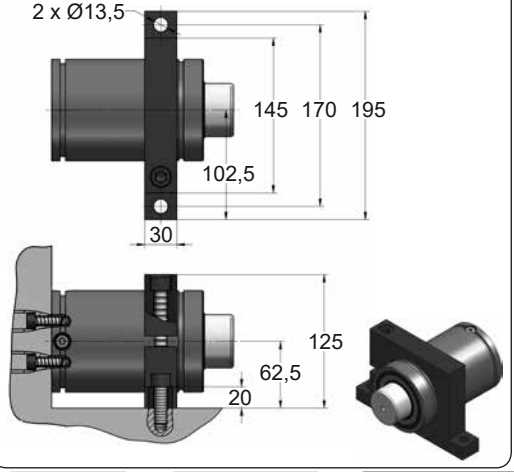

## C20-095

ISO · VDI · E24.54.815.G · EM24.54.700/F



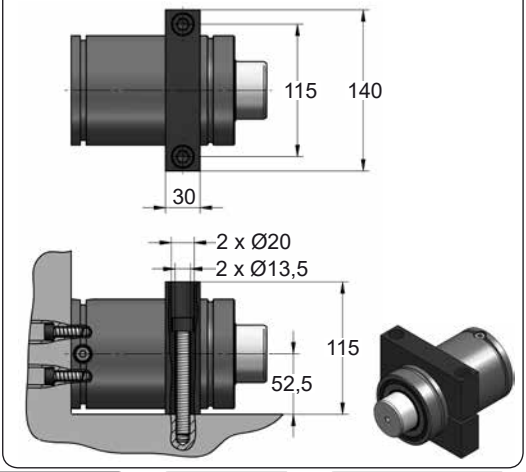

## D02-095

ISO · E24.54.815.G · EM24.54.700/F




## D67-095

VDI

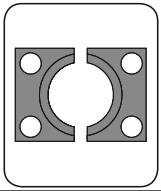


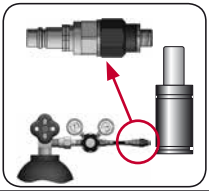










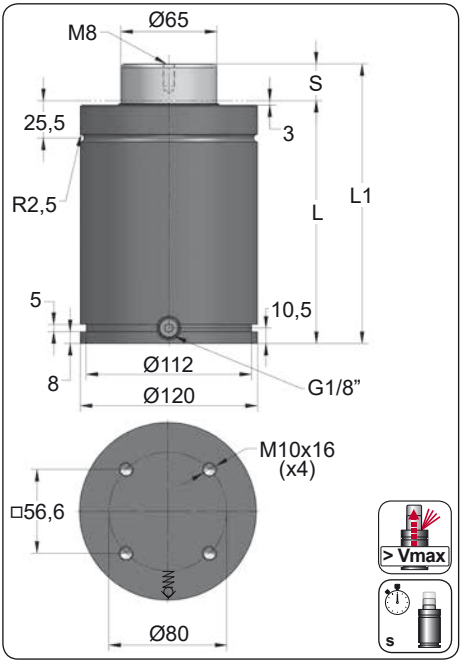


| CODE | | VAM 1500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-095 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

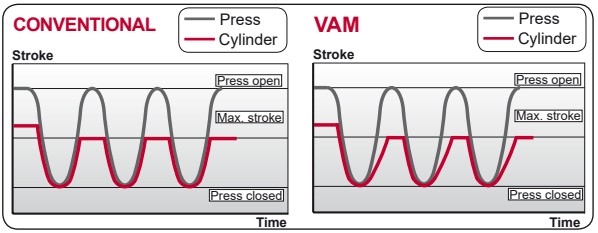
# VAM 3000

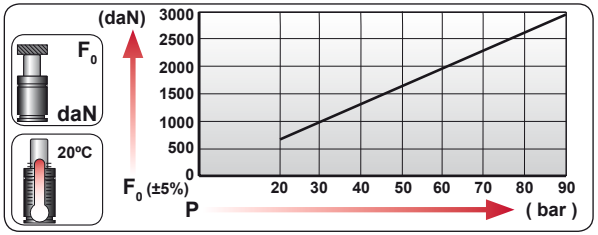
*Slowed Return*

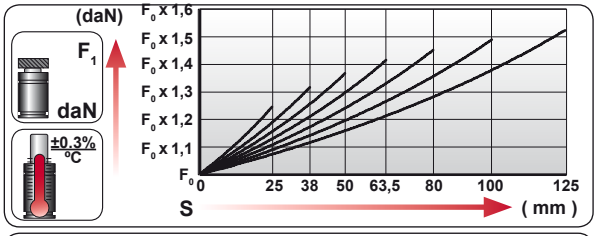
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| VAM 3000 025 | 25 | 190 | 165 | 11.04 |
| VAM 3000 038 | 38 | 216 | 178 | 11.73 |
| VAM 3000 050 | 50 | 240 | 190 | 12.37 |
| VAM 3000 063 | 63.5 | 267 | 203.5 | 13.08 |
| VAM 3000 080 | 80 | 300 | 220 | 13.96 |
| VAM 3000 100 | 100 | 340 | 240 | 15.02 |
| VAM 3000 125 | 125 | 390 | 265 | 16.34 |



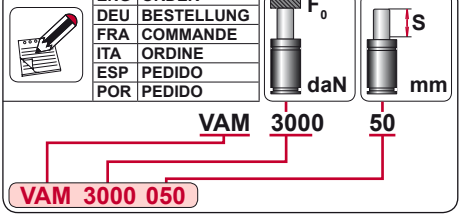



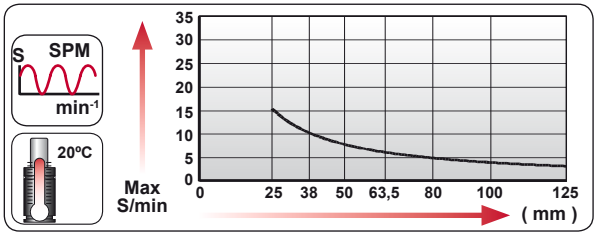

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| VAM 3000 | 90 | 1305 | 2985 | 4080 |

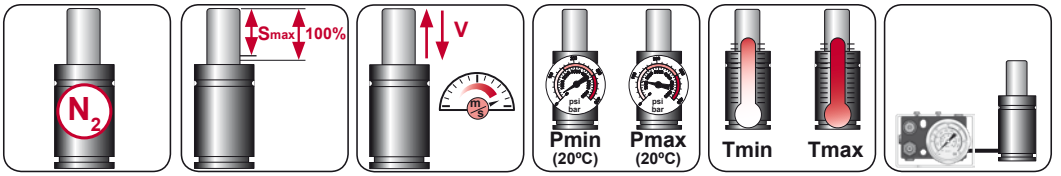
-Spring-back depending on used stroke.
-Return stroke at constant slowed speed.
-Prevent over-heating by limiting SPM.

WARNING!

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 90 1305 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# VAM 3000
*Slowed Return*

## REQUIRED DATA



- Do piston rod have to keep locked down? **(yes / no)**.....




- Desired force **( daN )**.....




- Total stroke **( mm )**.....




- Stroke used **( mm )**.....




- Number of cycles per minute.....




- Desired slowed return **( eg. 1 second)**.....

### MAXIMUM SLOWED RETURN

VAM gas springs are designed to return stroke at a constant slowed speed.
Maximum slowed return is defined to every model as per stroke used.

| NOMINAL FORCE (daN) | CONSTANT (k) | MAXIMUM SLOWED RETURN ($t_{max}$) |
|---|---|---|
| 2985 | 0.131 | $t_{max} = k \times S_U$ |

**EXAMPLE:** VAM 3000 080 (2985 daN)

$t_{max} = k \times S_U = 0.131 \times 80 = 10$ seconds

*Stroke used ($S_U$)*







### MAXIMUM WORKING FREQUENCY

The energy provided by the press to the gas spring to compress it in every press cycle is greater than the energy used by the gas spring to return to its extended position. The difference in energy (transmitted from press and used by gas spring) is transformed into heat inside the gas spring. Consequently, to avoid overheating in slowed return gas springs, heat generation must be limited (SPM strokes per minute).

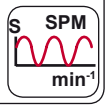
| NOMINAL FORCE (daN) | MAXIMUM WORKING FREQUENCY ($f_{max}$) |
|---|---|
| 2985 | $f_{max} = \frac{1368000}{S_U \times F_U}$ |

**EXAMPLE:** VAM 3000 080 (2985 daN)

$f_{max} = \frac{1368000}{S_U \times F_U} = \frac{1368000}{80 \times 2985} = 5$ cycles/minute

*Stroke used ($S_U$)* *Force used ($F_U$)*



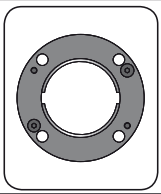



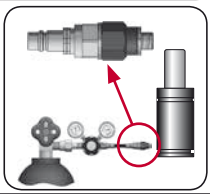












| CODE | | VAM 3000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

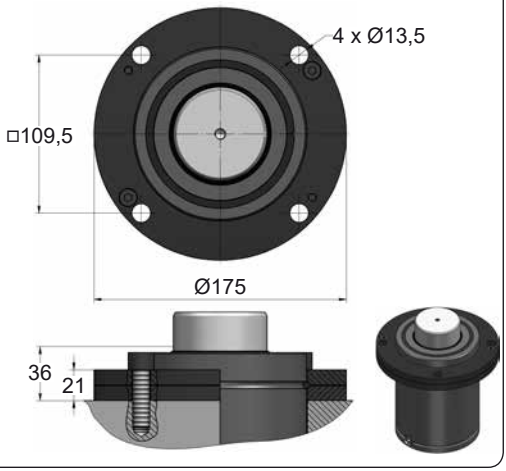
# VAM 3000 MOUNTS

*Slowed Return*

AZOL GAS

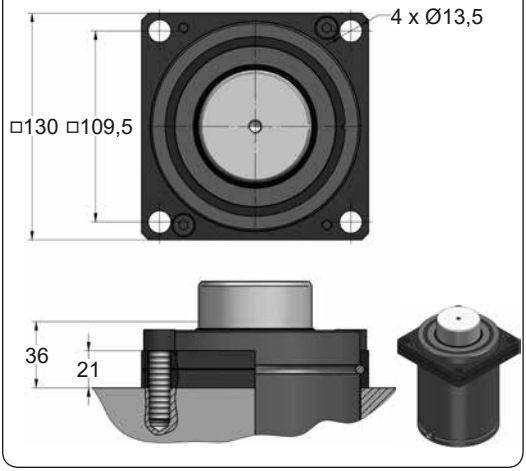
## A14-120

ISO · E24.54.815.G · EM24.54.700/F



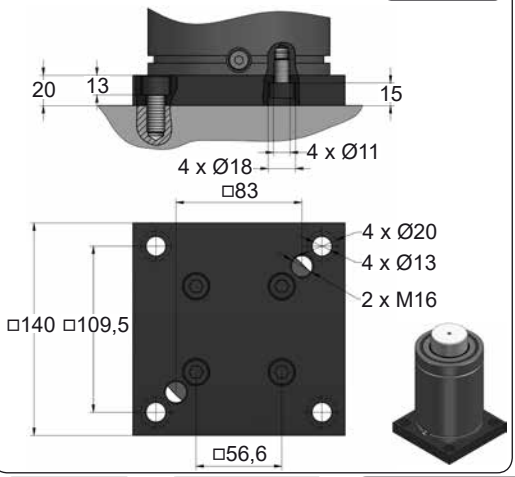

## A34-120

ISO · VDI



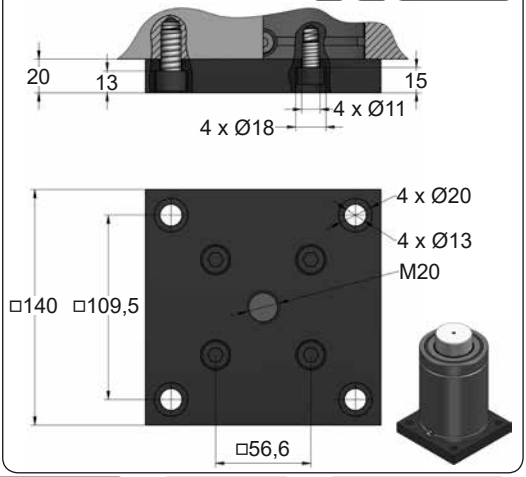

## B21-120

EM24.54.700/F




## B76-120

ISO · EM24.54.700/F

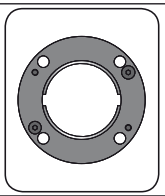


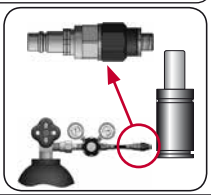












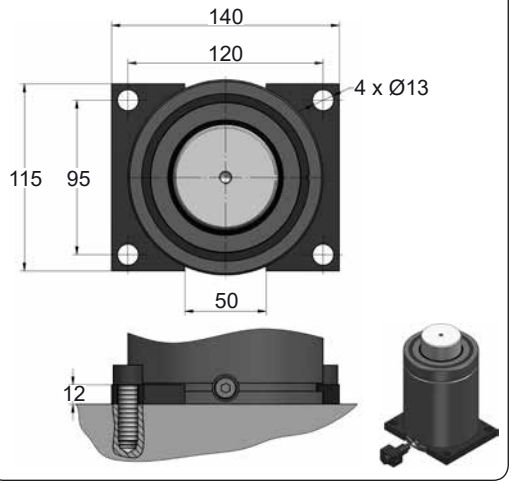
| CODE | | VAM 3000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# VAM 3000 MOUNTS

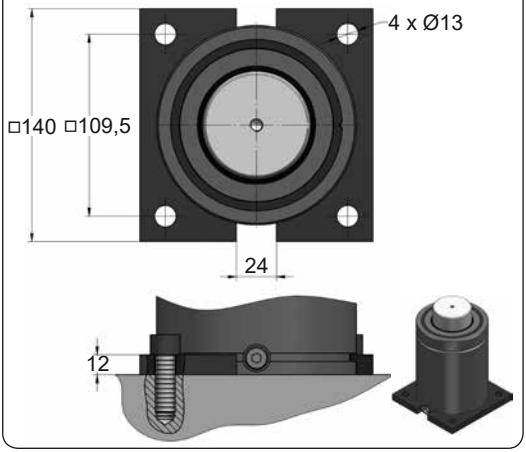
*Slowed Return*

## C05-120



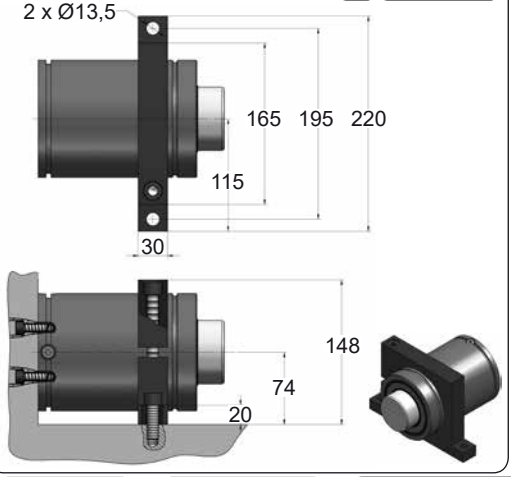

## C20-120

ISO VDI E24.54.815.G EM24.54.700/F



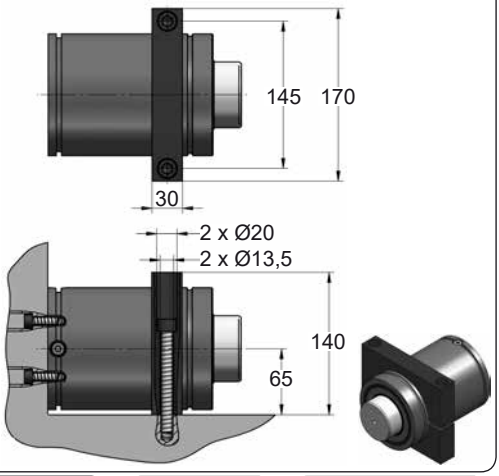

## D02-120

ISO E24.54.815.G EM24.54.700/F




## D67-120

VDI

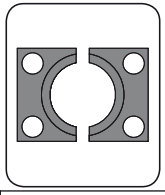


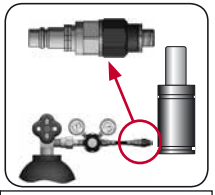










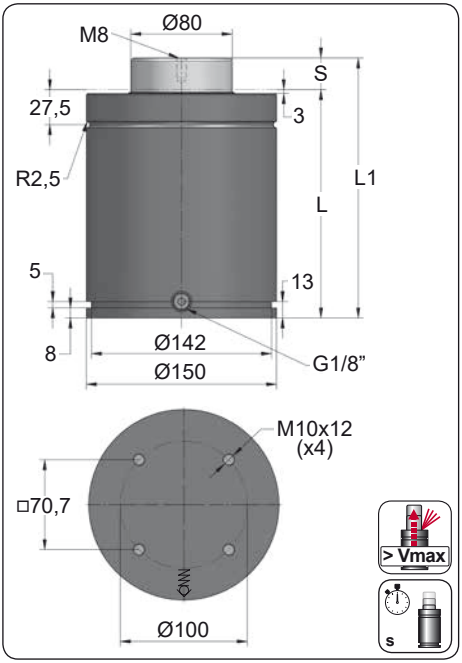


| CODE | | VAM 3000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-120 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

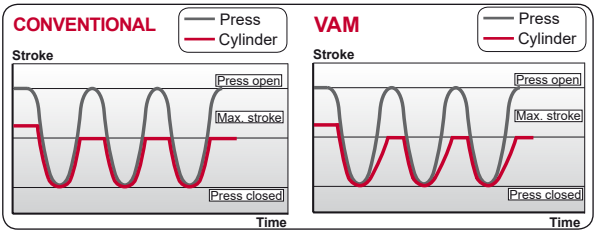
# VAM 5000

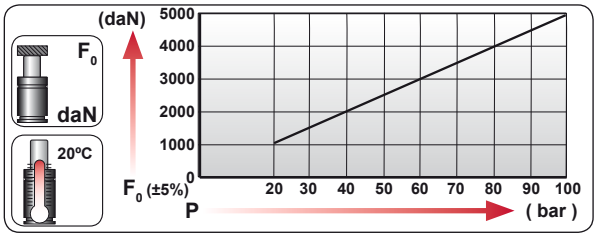
*Slowed Return*

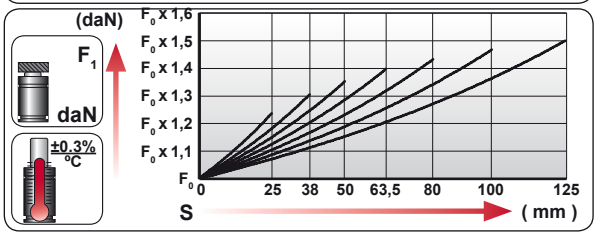
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| VAM 5000 025 | 25 | 205 | 180 | 19.22 |
| VAM 5000 038 | 38 | 231 | 193 | 20.27 |
| VAM 5000 050 | 50 | 255 | 205 | 21.25 |
| VAM 5000 063 | 63.5 | 282 | 218.5 | 22.34 |
| VAM 5000 080 | 80 | 315 | 235 | 23.68 |
| VAM 5000 100 | 100 | 355 | 255 | 25.30 |
| VAM 5000 125 | 125 | 405 | 280 | 27.32 |



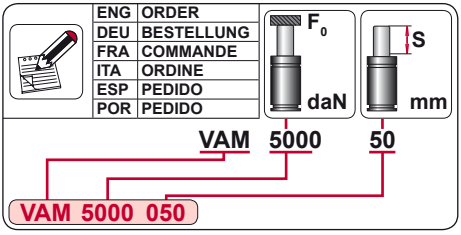



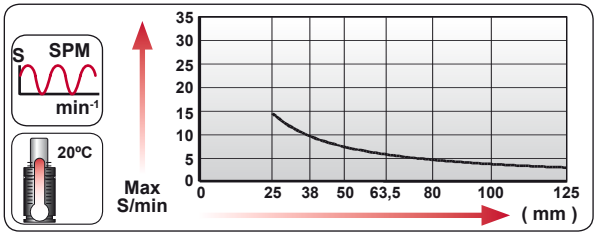



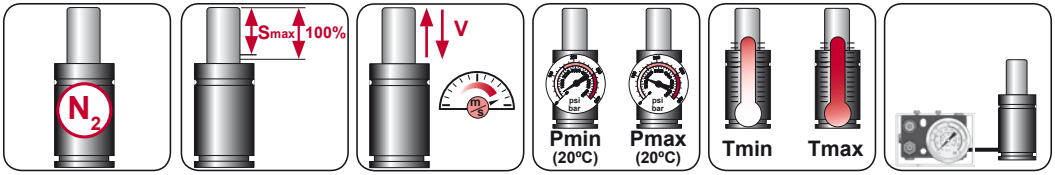

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| VAM 5000 | 100 | 1450 | 5025 | 6800 |

-Spring-back depending on used stroke.
-Return stroke at constant slowed speed.
-Prevent over-heating by limiting SPM.

WARNING!




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 100 1450 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# VAM 5000

*Slowed Return*

## REQUIRED DATA



- Do piston rod have to keep locked down? **(yes / no)**.....




- Desired force **( daN )**.....




- Total stroke **( mm )**.....




- Stroke used **( mm )**.....




- Number of cycles per minute.....




- Desired slowed return **( eg. 1 second)**.....

### MAXIMUM SLOWED RETURN

VAM gas springs are designed to return stroke at a constant slowed speed.
Maximum slowed return is defined to every model as per stroke used.

| NOMINAL FORCE (daN) | CONSTANT (k) | MAXIMUM SLOWED RETURN ($t_{max}$) |
|---|---|---|
| 5025 | 0.214 | $t_{max} = k \times S_U$ |

**EXAMPLE:** VAM 5000 080 (5025 daN)

$t_{max} = k \times S_U = 0.214 \times 80 = 17$ seconds

*Stroke used ($S_U$)*




### MAXIMUM WORKING FREQUENCY

The energy provided by the press to the gas spring to compress it in every press cycle is greater than the energy used by the gas spring to return to its extended position. The difference in energy (transmitted from press and used by gas spring) is transformed into heat inside the gas spring. Consequently, to avoid overheating in slowed return gas springs, heat generation must be limited (SPM strokes per minute).

| NOMINAL FORCE (daN) | MAXIMUM WORKING FREQUENCY ($f_{max}$) |
|---|---|
| 5025 | $f_{max} = \frac{2160000}{S_U \times F_U}$ |

**EXAMPLE:** VAM 5000 080 (5025 daN)

$f_{max} = \frac{2160000}{S_U \times F_U} = \frac{2160000}{80 \times 5025} = 5$ cycles/minute

*Stroke used ($S_U$)* *Force used ($F_U$)*

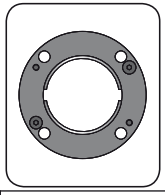


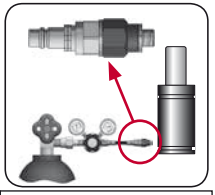












| CODE | | VAM 5000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

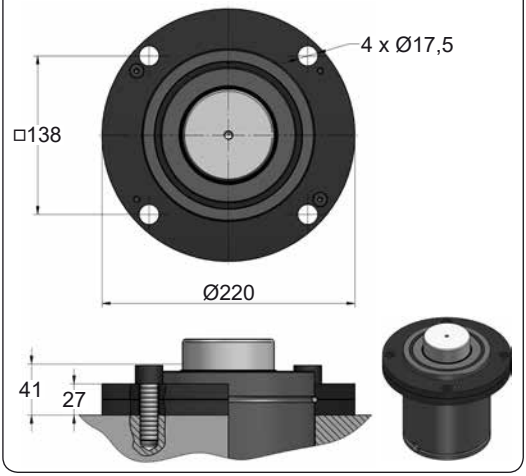
# VAM 5000 MOUNTS

*Slowed Return*

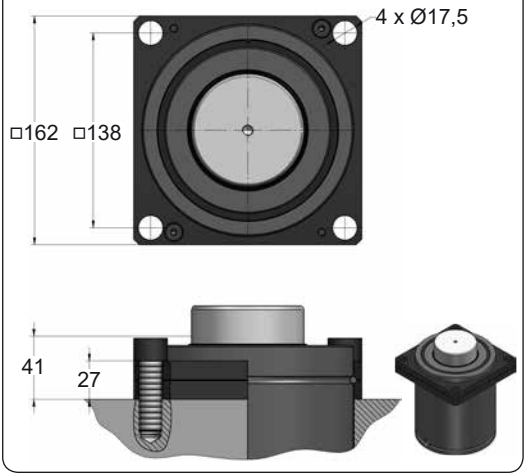
AZOL GAS

## A14-150

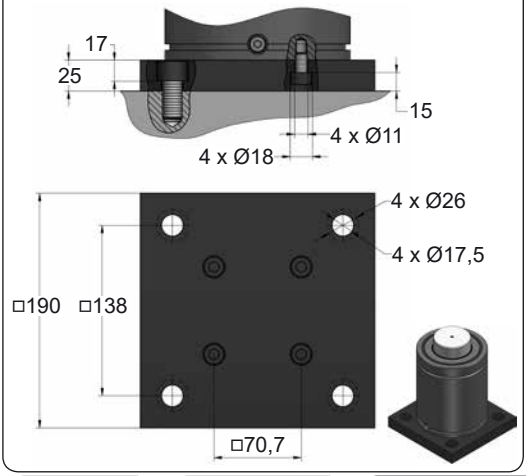
E24.54.815.G
EM24.54.700/F



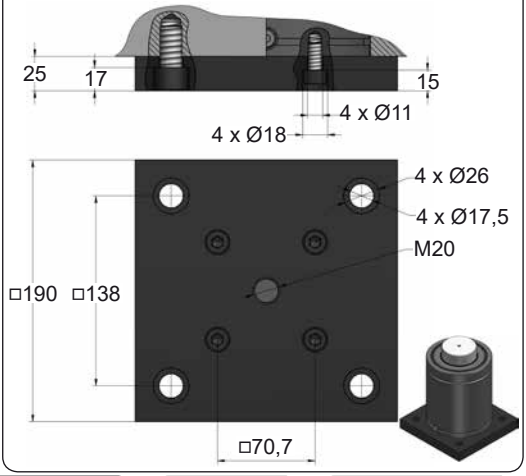

## A34-150




## B21-150




## B76-150

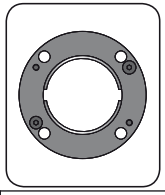


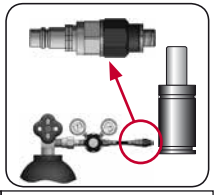












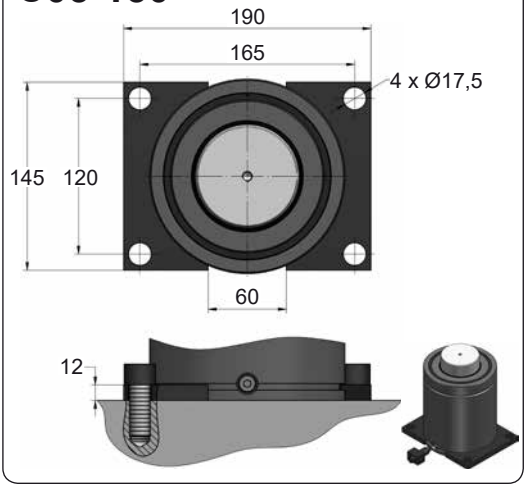
| CODE | | VAM 5000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# VAM 5000 MOUNTS

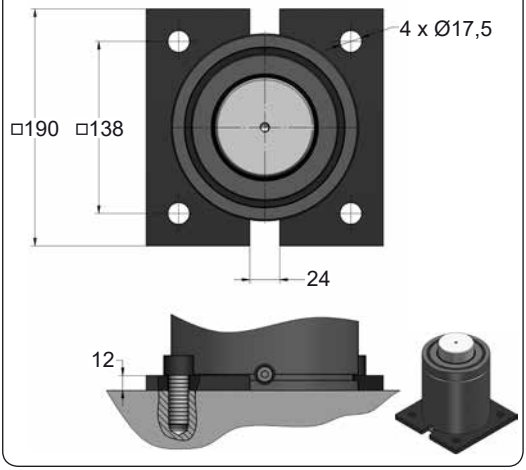
*Slowed Return*

## C05-150



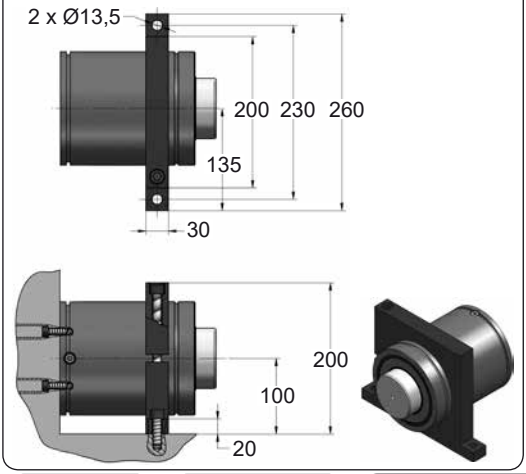

## C20-150

ISO · VDI · E24.54.815.G · EM24.54.700/F



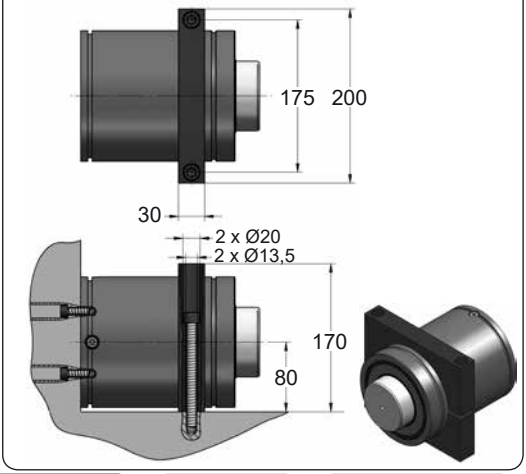

## D02-150

ISO · E24.54.815.G




## D67-150

VDI

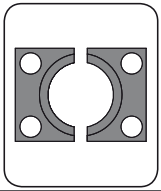


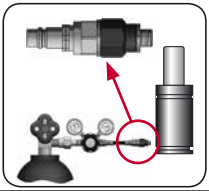










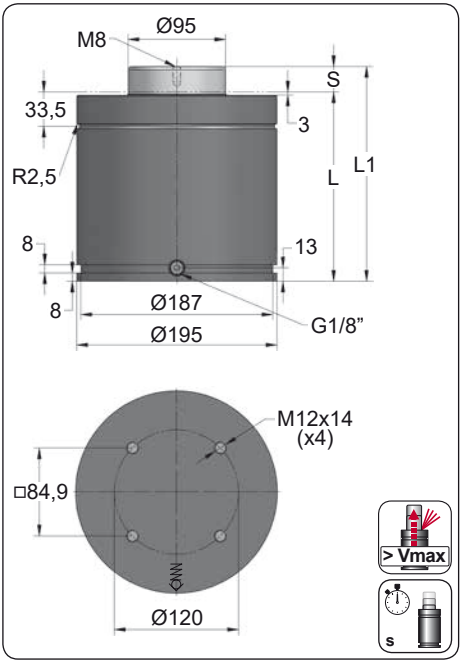


| CODE | | VAM 5000 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-150 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

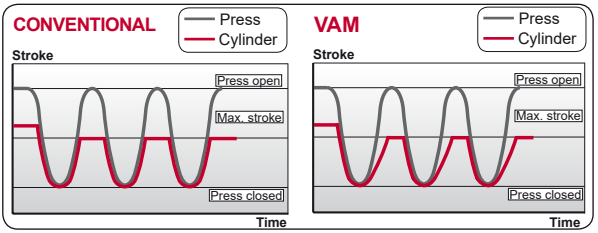
# VAM 7500

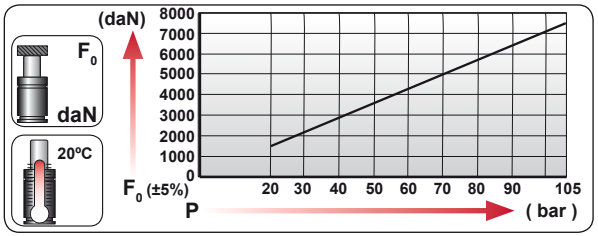
*Slowed Return*

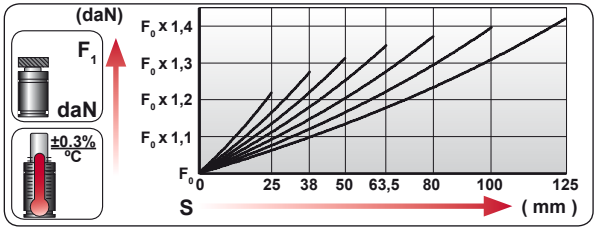
AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| VAM 7500 025 | 25 | 210 | 185 | 35.08 |
| VAM 7500 038 | 38 | 236 | 198 | 36.81 |
| VAM 7500 050 | 50 | 260 | 210 | 38.41 |
| VAM 7500 063 | 63.5 | 287 | 223.5 | 40.20 |
| VAM 7500 080 | 80 | 320 | 240 | 42.40 |
| VAM 7500 100 | 100 | 360 | 260 | 45.06 |
| VAM 7500 125 | 125 | 410 | 285 | 48.38 |



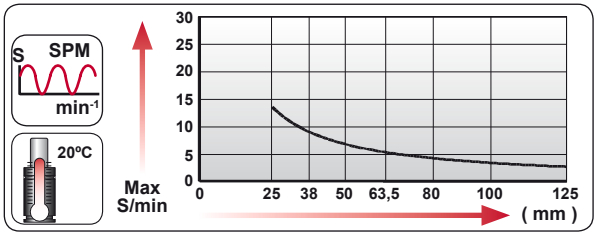

| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| VAM 7500 | 105 | 1520 | 7440 | 9760 |

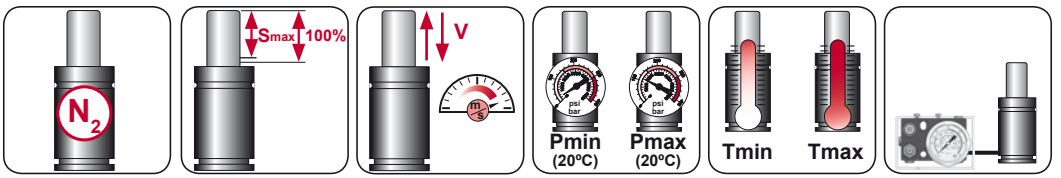
-Spring-back depending on used stroke.
-Return stroke at constant slowed speed.
-Prevent over-heating by limiting SPM.

WARNING!

| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




| $N_2$ | Smax < 90% | Vmax 0,5 m/s | bar psi 20 290 | bar psi 105 1520 | ºC ºF 0 32 | ºC ºF 80 176 | 600 CP- |
|---|---|---|---|---|---|---|---|

AZOL GAS

# VAM 7500

*Slowed Return*

## REQUIRED DATA



- Do piston rod have to keep locked down? **(yes / no)**.....




- Desired force **( daN )**.....




- Total stroke **( mm )**.....




- Stroke used **( mm )**.....




- Number of cycles per minute.....




- Desired slowed return **( eg. 1 second)**.....

### MAXIMUM SLOWED RETURN

VAM gas springs are designed to return stroke at a constant slowed speed.
Maximum slowed return is defined to every model as per stroke used.

| NOMINAL FORCE (daN) | CONSTANT (k) | MAXIMUM SLOWED RETURN ($t_{max}$) |
|---|---|---|
| 7440 | 0.289 | $t_{max} = k \times S_U$ |

**EXAMPLE:** VAM 7500 080 (7440 daN)

$t_{max} = k \times S_U = 0.289 \times 80 = 23$ seconds

*Stroke used ($S_U$)*







### MAXIMUM WORKING FREQUENCY

The energy provided by the press to the gas spring to compress it in every press cycle is greater than the energy used by the gas spring to return to its extended position. The difference in energy (transmitted from press and used by gas spring) is transformed into heat inside the gas spring. Consequently, to avoid overheating in slowed return gas springs, heat generation must be limited (SPM strokes per minute).

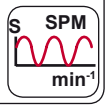
| NOMINAL FORCE (daN) | MAXIMUM WORKING FREQUENCY ($f_{max}$) |
|---|---|
| 7440 | $f_{max} = \frac{3060000}{S_U \times F_U}$ |

**EXAMPLE:** VAM 7500 080 (7440 daN)

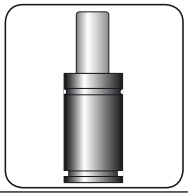
$f_{max} = \frac{3060000}{S_U \times F_U} = \frac{3060000}{80 \times 7440} = 5$ cycles/minute

*Stroke used ($S_U$)* *Force used ($F_U$)*

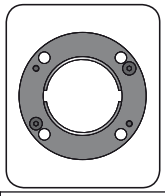


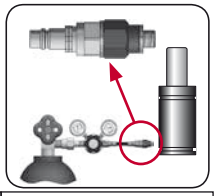









| CODE | | VAM 7500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-195 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

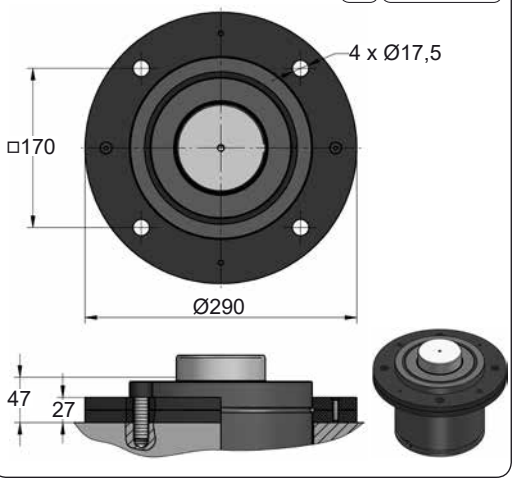
# VAM 7500 MOUNTS

*Slowed Return*

AZOL GAS

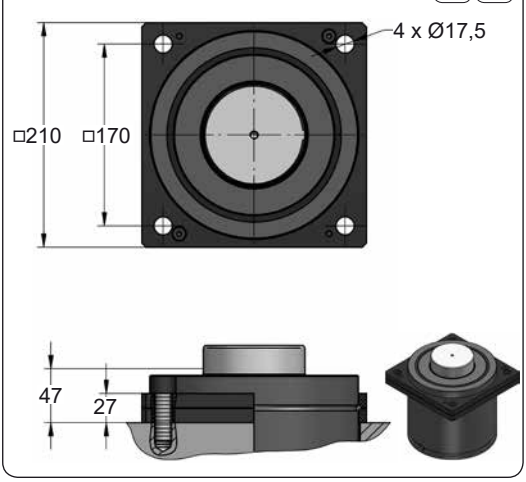
## A14-195

ISO EM24.54.700/F

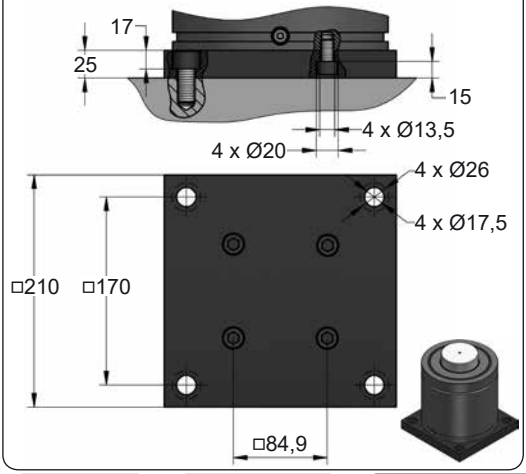



## A34-195

ISO VDI

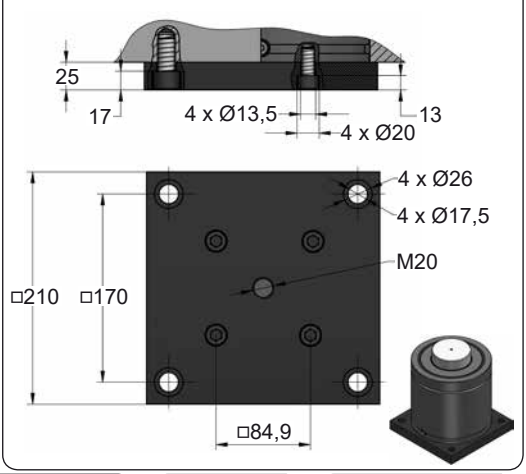



## B21-195




## B76-195

ISO

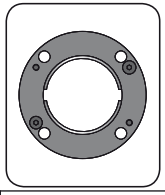


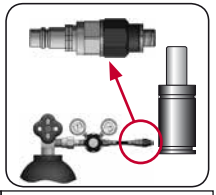












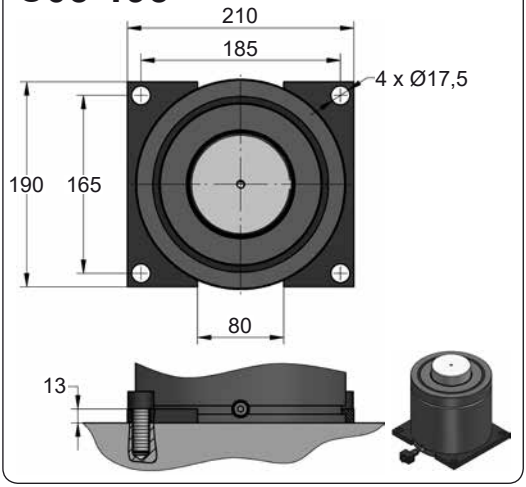
| CODE | | VAM 7500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | A14-195 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

AZOL GAS

# VAM 7500 MOUNTS

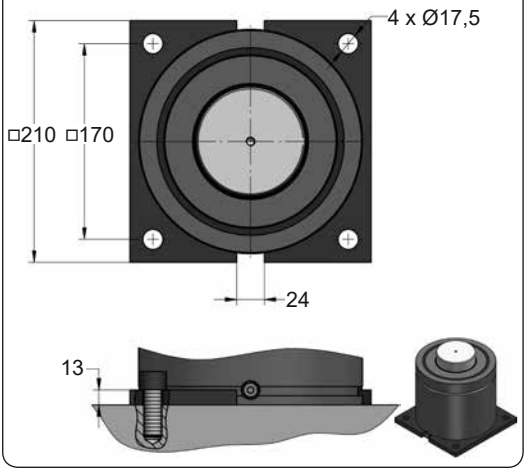
*Slowed Return*

## C05-195

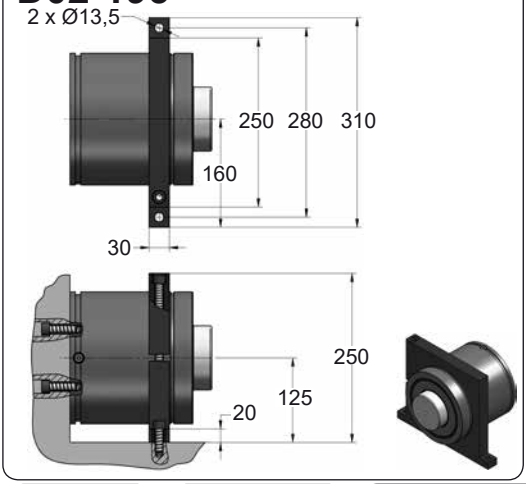



## C20-195

ISO VDI EM24.54.700/F




## D02-195

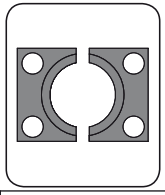


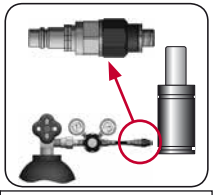










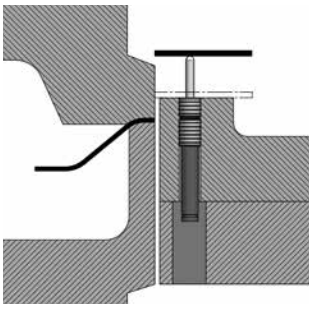


| CODE | | VAM 7500 050 | KIT S-XXXXXXX<br>KIT C-XXXXXXX | C05-195 | 18 CG 1-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | FLANGE | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | FLANSCHE | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | BRIDE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | FLANGE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | BRIDA | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | FLANGE | ADAPTADOR DE CARGA |

# AZOL GAS GAS STRIPPERS / STOCK LIFTERS

## EF_

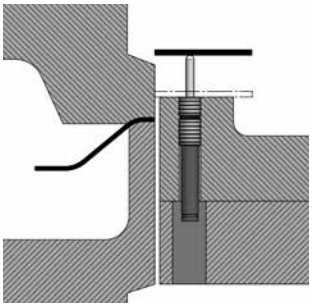
### GAS STRIPPERS





## M_

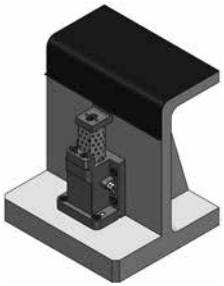
### SPRING PLUNGERS

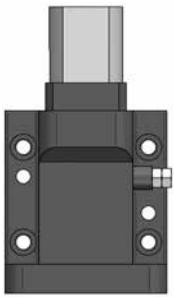




## EX_

### FLANGE STRIPPERS

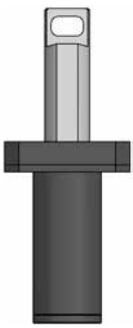




## EXD_

### STOCK LIFTERS



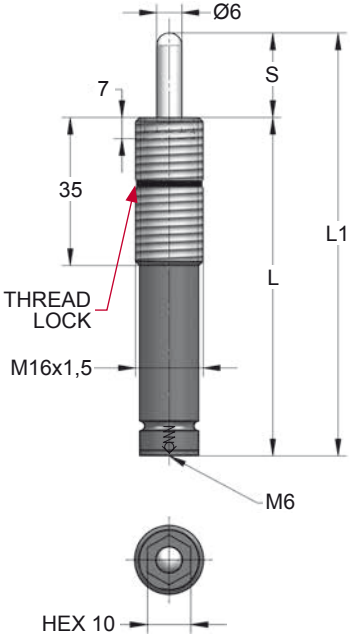


# EFG 16

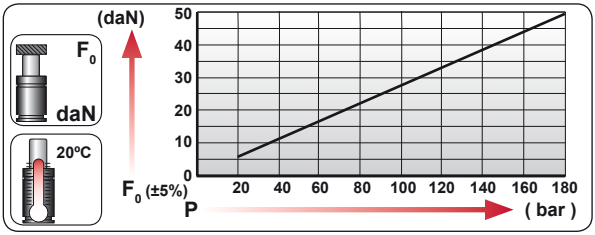
*Gas Strippers*

| | | | | |
|---|---|---|---|---|
| **BMW** | B2 4036 | **FORD** | W-DX35-6030 | |
| **MB** | B8 0820 100 000 002 | **GM** | 90.25 | |
| **VW** | 39D 549 | | | |

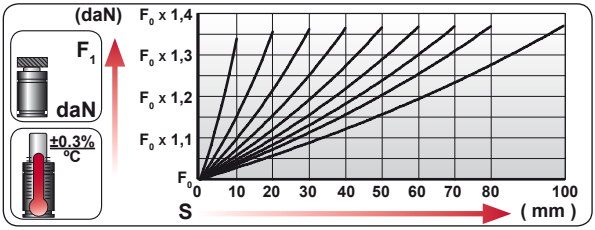
AZOL GAS




| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| EFG 16 ___ 010 | 10 | 80 | 70 | 0.08 |
| EFG 16 ___ 020 | 20 | 100 | 80 | 0.09 |
| EFG 16 ___ 030 | 30 | 120 | 90 | 0.09 |
| EFG 16 ___ 040 | 40 | 140 | 100 | 0.10 |
| EFG 16 ___ 050 | 50 | 160 | 110 | 0.11 |
| EFG 16 ___ 060 | 60 | 180 | 120 | 0.11 |
| EFG 16 ___ 070 | 70 | 200 | 130 | 0.12 |
| EFG 16 ___ 080 | 80 | 220 | 140 | 0.12 |
| EFG 16 ___ 100 | 100 | 260 | 160 | 0.14 |




| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| EFG 16 6 050 | Green | 20 | 290 | 6 | 8 |
| EFG 16 11 050 | Blue | 40 | 580 | 11 | 15 |
| EFG 16 21 050 | Red | 75 | 1090 | 21 | 30 |
| EFG 16 42 050 | Yellow | 150 | 2175 | 42 | 55 |
| EFG 16 XX 050 | Black | 20-180 | 290-2610 | 6 - 50 | 8 - 70 |

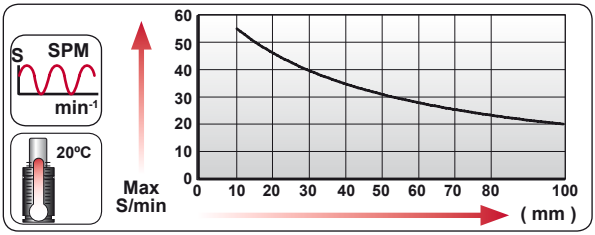


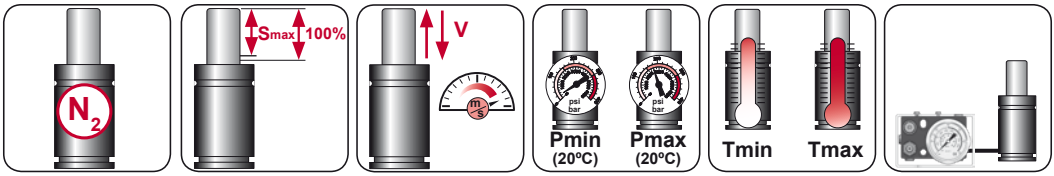

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




EFG 16 50 50

EFG 16 50 050



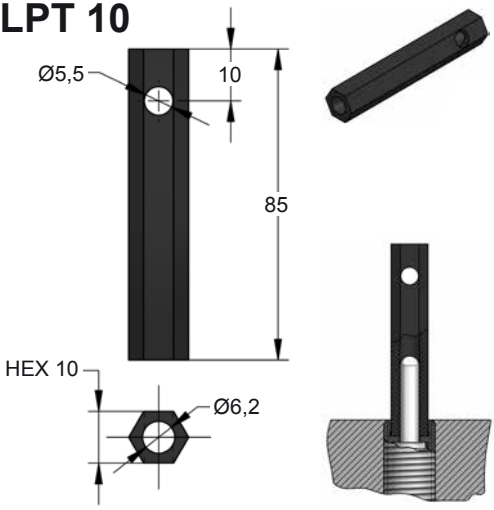




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

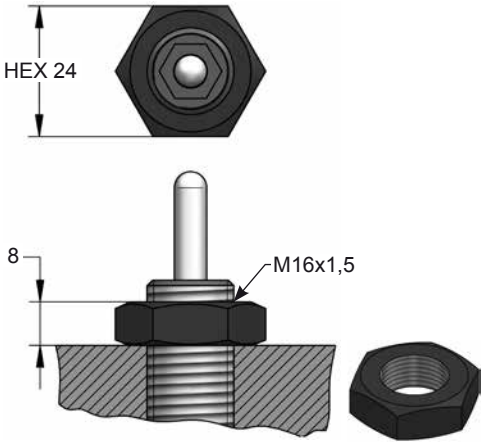
AZOL GAS

# EFG 16
Gas Strippers

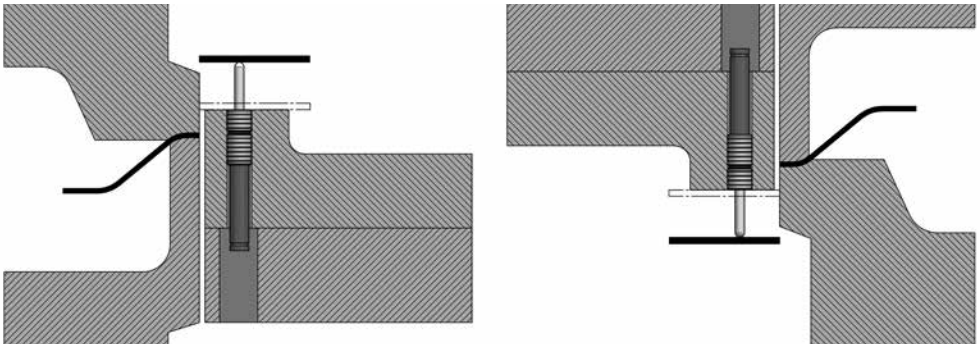
## LPT 10




## E23-016




## MOUNTING EXAMPLE





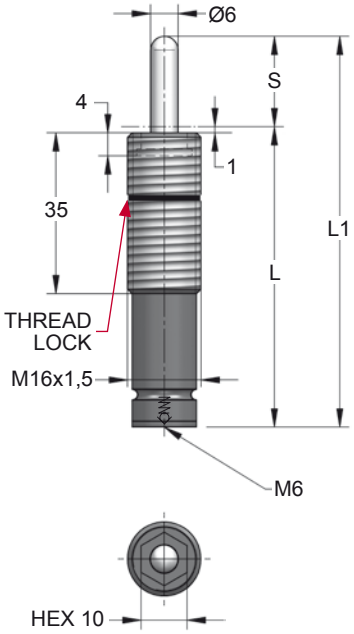

| CODE | | EFG 16 50 050 | X | LPT 10 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | KEY | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | MONTAGESCHLÜSSEL | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | CLE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | CHIAVE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | LLAVE | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | CHAVE | ADAPTADOR DE CARGA |

# EFGC 16

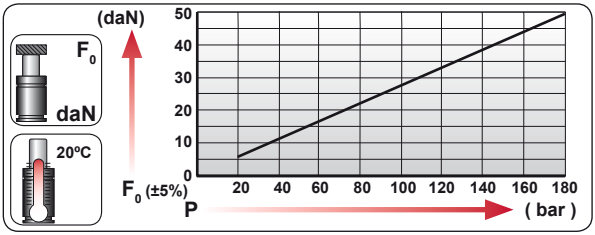
*Gas Strippers*

| | | |
|---|---|---|
| | | |
| | | **RENAULT** EM24.54.300 |
| | | |

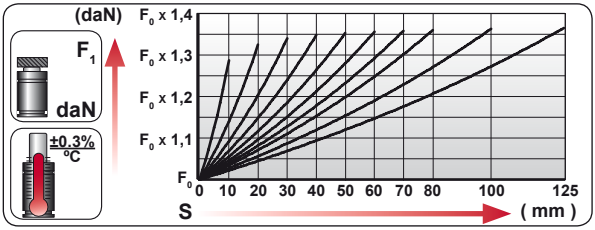
AZOL GAS




| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| EFGC 16 ___ 010 | 10 | 65 | 55 | 0.06 |
| EFGC 16 ___ 020 | 20 | 85 | 65 | 0.07 |
| EFGC 16 ___ 030 | 30 | 105 | 75 | 0.07 |
| EFGC 16 ___ 040 | 40 | 125 | 85 | 0.08 |
| EFGC 16 ___ 050 | 50 | 145 | 95 | 0.09 |
| EFGC 16 ___ 060 | 60 | 165 | 105 | 0.09 |
| EFGC 16 ___ 070 | 70 | 185 | 115 | 0.10 |
| EFGC 16 ___ 080 | 80 | 205 | 125 | 0.10 |
| EFGC 16 ___ 100 | 100 | 245 | 145 | 0.12 |
| EFGC 16 ___ 125 | 125 | 295 | 170 | 0.13 |




| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| EFGC 16 6 050 | Green | 20 | 290 | 6 | 8 |
| EFGC 16 11 050 | Blue | 40 | 580 | 11 | 15 |
| EFGC 16 21 050 | Red | 75 | 1090 | 21 | 30 |
| EFGC 16 42 050 | Yellow | 150 | 2175 | 42 | 55 |
| EFGC 16 XX 050 | Black | 20-180 | 290-2610 | 6 - 50 | 8 - 70 |

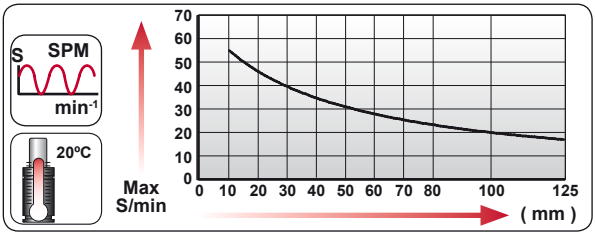


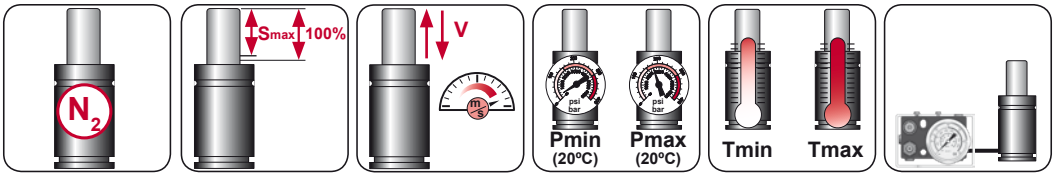

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

**EFGC 16 50 50**

**EFGC 16 50 050**



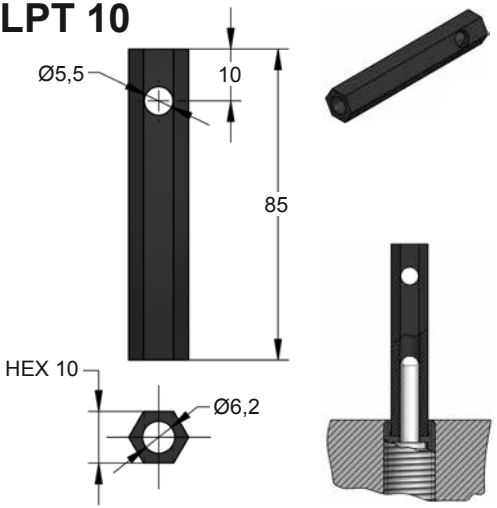




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

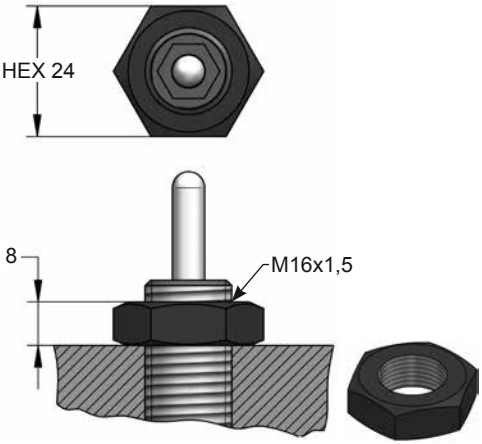
AZOL GAS

# EFGC 16
Gas Strippers

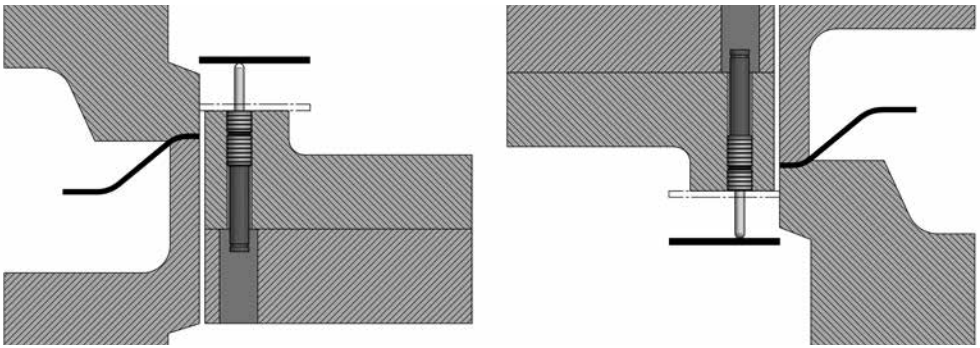
## LPT 10




## E23-016



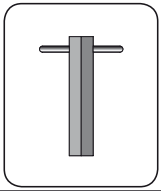

## MOUNTING EXAMPLE

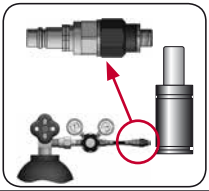








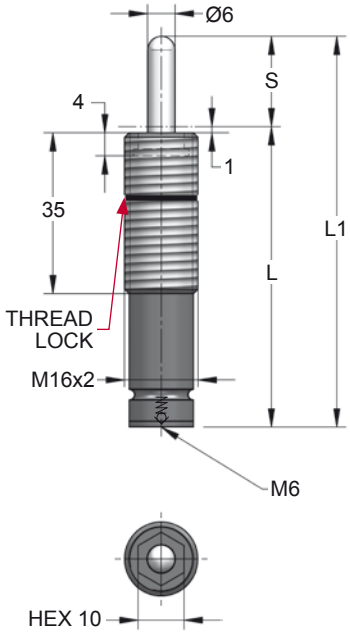


| CODE | | EFGC 16 50 050 | X | LPT 10 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | KEY | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | MONTAGESCHLÜSSEL | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | CLE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | CHIAVE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | LLAVE | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | CHAVE | ADAPTADOR DE CARGA |

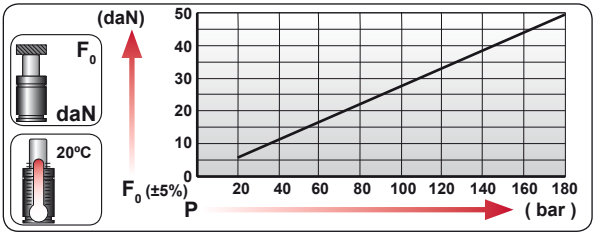
# EFGD 16

*Gas Strippers*

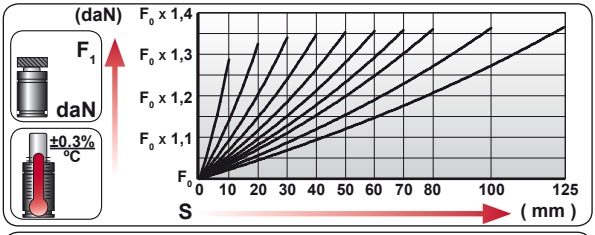
AZOL GAS




| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| EFGD 16 ___ 010 | 10 | 65 | 55 | 0.06 |
| EFGD 16 ___ 020 | 20 | 85 | 65 | 0.07 |
| EFGD 16 ___ 030 | 30 | 105 | 75 | 0.07 |
| EFGD 16 ___ 040 | 40 | 125 | 85 | 0.08 |
| EFGD 16 ___ 050 | 50 | 145 | 95 | 0.09 |
| EFGD 16 ___ 060 | 60 | 165 | 105 | 0.09 |
| EFGD 16 ___ 070 | 70 | 185 | 115 | 0.10 |
| EFGD 16 ___ 080 | 80 | 205 | 125 | 0.10 |
| EFGD 16 ___ 100 | 100 | 245 | 145 | 0.12 |
| EFGD 16 ___ 125 | 125 | 295 | 170 | 0.13 |




| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| EFGD 16 6 050 | Green | 20 | 290 | 6 | 8 |
| EFGD 16 11 050 | Blue | 40 | 580 | 11 | 15 |
| EFGD 16 21 050 | Red | 75 | 1090 | 21 | 30 |
| EFGD 16 42 050 | Yellow | 150 | 2175 | 42 | 55 |
| EFGD 16 XX 050 | Black | 20-180 | 290-2610 | 6 - 50 | 8 - 70 |

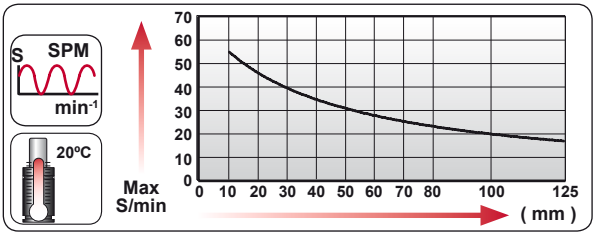


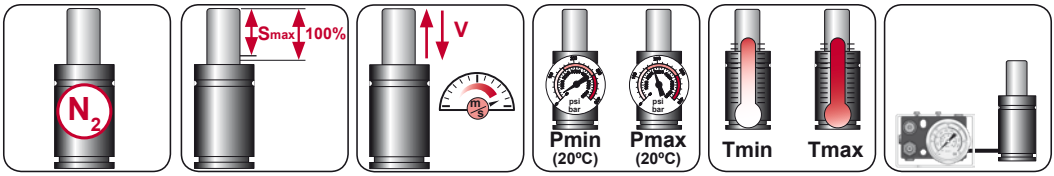

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

EFGD 16 50 — 50

EFGD 16 50 050



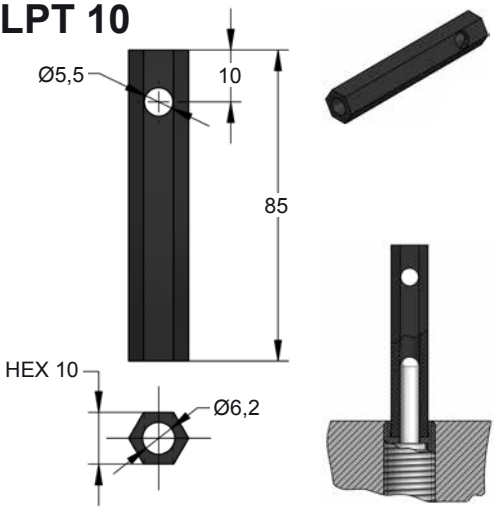

| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | °C °F 0 32 | °C °F 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

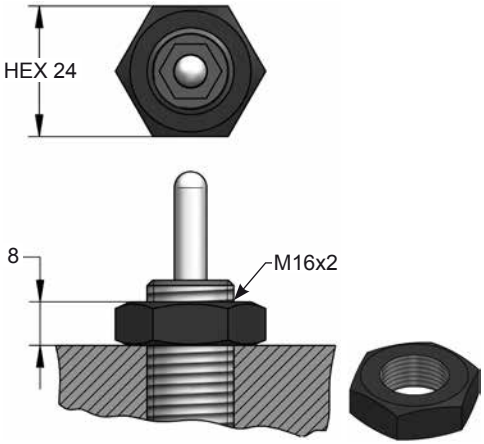
# EFGD 16

Gas Strippers

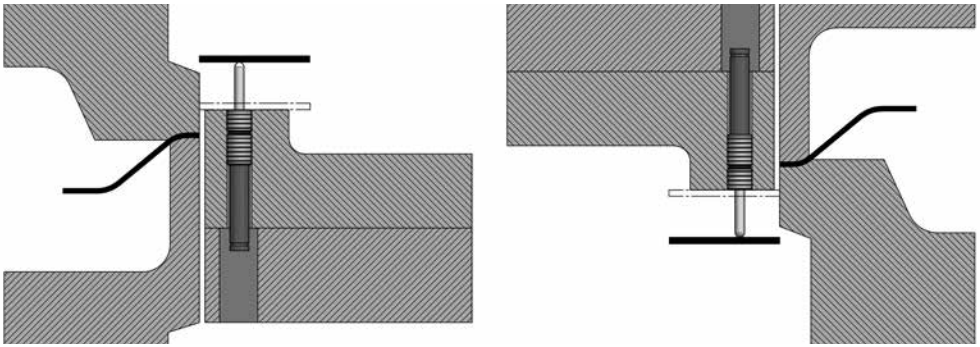
## LPT 10




## E63-016



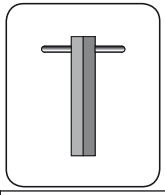

## MOUNTING EXAMPLE

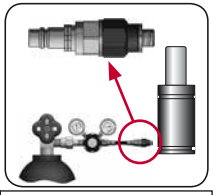








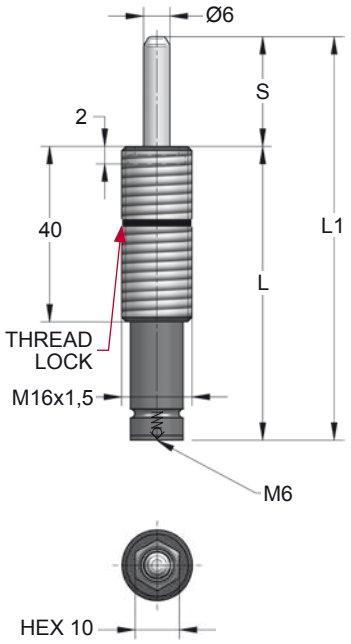


| CODE | | EFGD 16 50 050 | X | LPT 10 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | KEY | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | MONTAGESCHLÜSSEL | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | CLE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | CHIAVE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | LLAVE | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | CHAVE | ADAPTADOR DE CARGA |

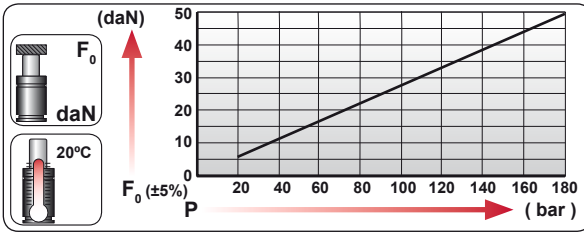
# EFGL 16

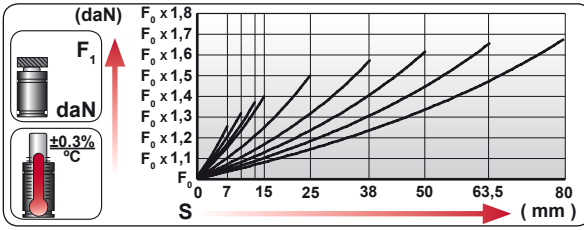
*Gas Strippers*

AZOL GAS




| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| EFGL 16 ... 007 | 7 | 56 | 49 | 0.06 |
| EFGL 16 ... 010 | 10 | 62 | 52 | 0.06 |
| EFGL 16 ... 012 | 12.7 | 67.4 | 54.7 | 0.06 |
| EFGL 16 ... 015 | 15 | 72 | 57 | 0.07 |
| EFGL 16 ... 025 | 25 | 92 | 67 | 0.07 |
| EFGL 16 ... 038 | 38 | 118 | 80 | 0.08 |
| EFGL 16 ... 050 | 50 | 142 | 92 | 0.09 |
| EFGL 16 ... 063 | 63.5 | 172 | 108.5 | 0.09 |
| EFGL 16 ... 080 | 80 | 205 | 125 | 0.10 |

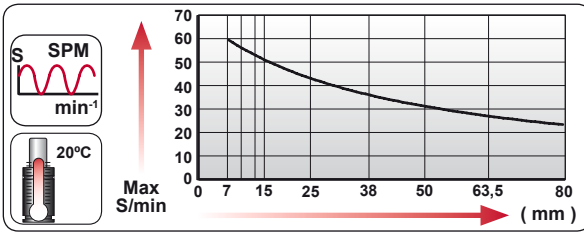


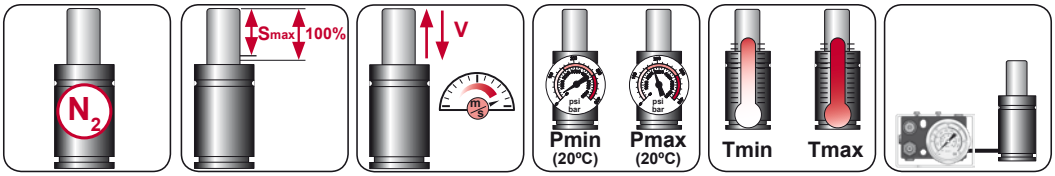




| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| EFGL 16 13 050 | Green | 45 | 650 | 13 | 20 |
| EFGL 16 25 050 | Blue | 90 | 1305 | 25 | 40 |
| EFGL 16 38 050 | Red | 135 | 1960 | 38 | 60 |
| EFGL 16 50 050 | Yellow | 180 | 2610 | 50 | 80 |
| EFGL 16 XX 050 | Black | 20-180 | 290-2610 | 6 - 50 | 8 - 80 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



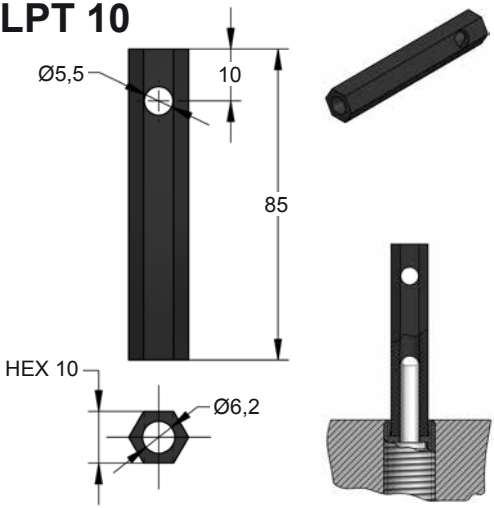




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 |
|---|---|---|---|---|---|---|

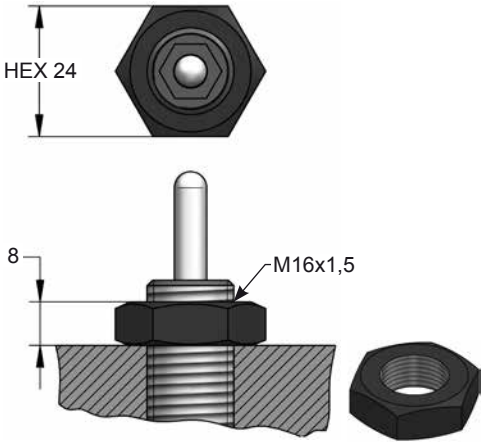
AZOL GAS

# EFGL 16
Gas Strippers

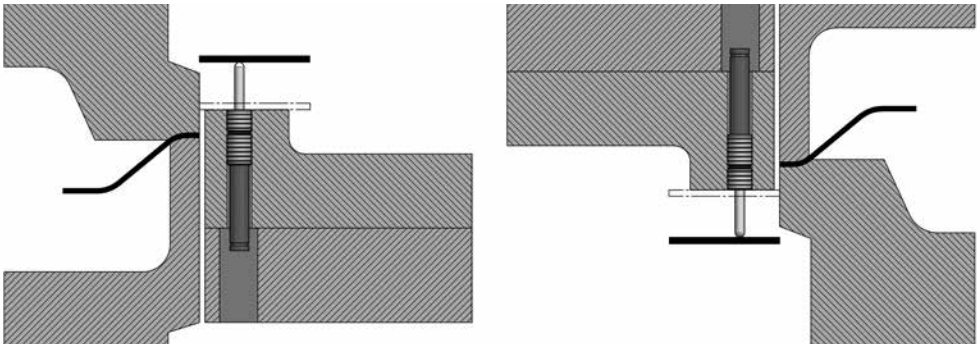
## LPT 10




## E23-016




## MOUNTING EXAMPLE





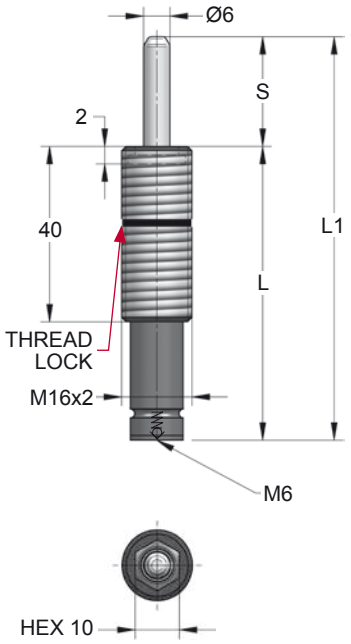

| CODE | | EFGL 16 50 050 | | LPT 10 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | KEY | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | MONTAGESCHLÜSSEL | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | CLE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | CHIAVE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | LLAVE | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | CHAVE | ADAPTADOR DE CARGA |

# EFGQ 16

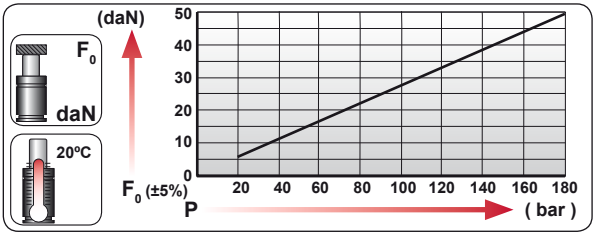
*Gas Strippers*

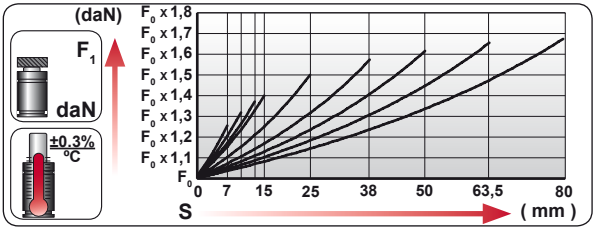
| | | |
|---|---|---|
| | FORD W-DX35-8031 | |
| | | |
| | | |

AZOL GAS

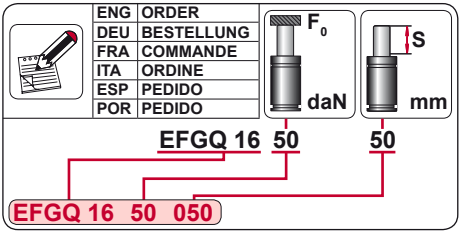


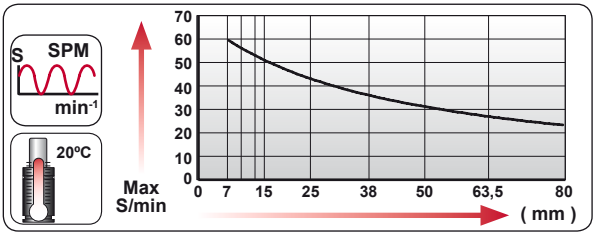

| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| EFGQ 16 ___ 007 | 7 | 56 | 49 | 0.06 |
| EFGQ 16 ___ 010 | 10 | 62 | 52 | 0.06 |
| EFGQ 16 ___ 012 | 12.7 | 67.4 | 54.7 | 0.06 |
| EFGQ 16 ___ 015 | 15 | 72 | 57 | 0.07 |
| EFGQ 16 ___ 025 | 25 | 92 | 67 | 0.07 |
| EFGQ 16 ___ 038 | 38 | 118 | 80 | 0.08 |
| EFGQ 16 ___ 050 | 50 | 142 | 92 | 0.09 |
| EFGQ 16 ___ 063 | 63.5 | 172 | 108.5 | 0.09 |
| EFGQ 16 ___ 080 | 80 | 205 | 125 | 0.10 |

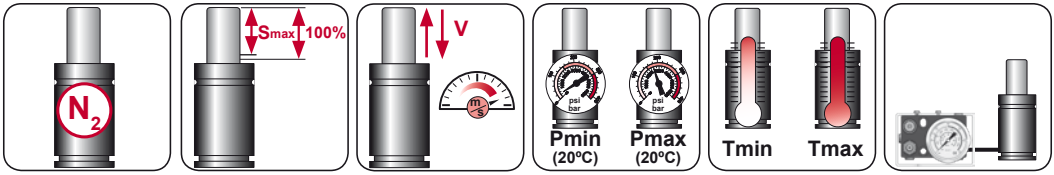



| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| EFGQ 16 13 050 | Green | 45 | 650 | 13 | 20 |
| EFGQ 16 25 050 | Blue | 90 | 1305 | 25 | 40 |
| EFGQ 16 38 050 | Red | 135 | 1960 | 38 | 60 |
| EFGQ 16 50 050 | Yellow | 180 | 2610 | 50 | 80 |
| EFGQ 16 XX 050 | Black | 20-180 | 290-2610 | 6 - 50 | 8 - 80 |



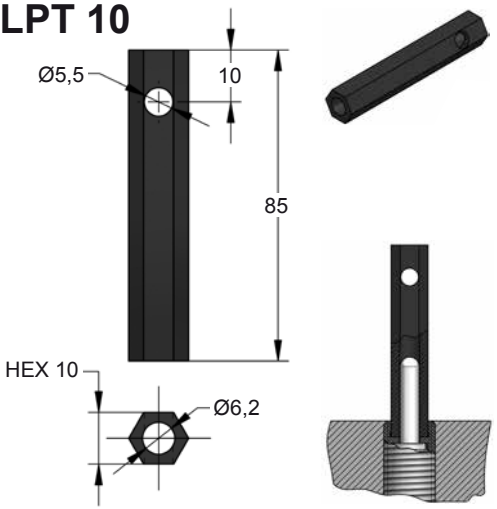




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

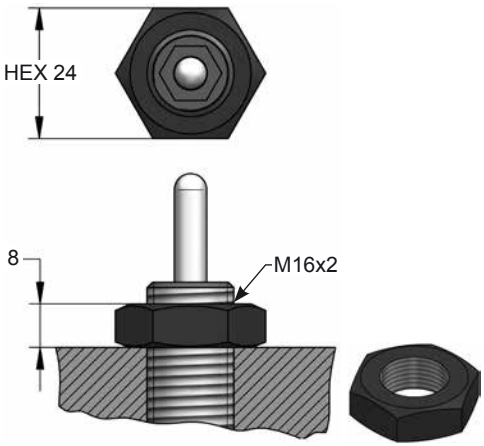
AZOL GAS

# EFGQ 16
Gas Strippers

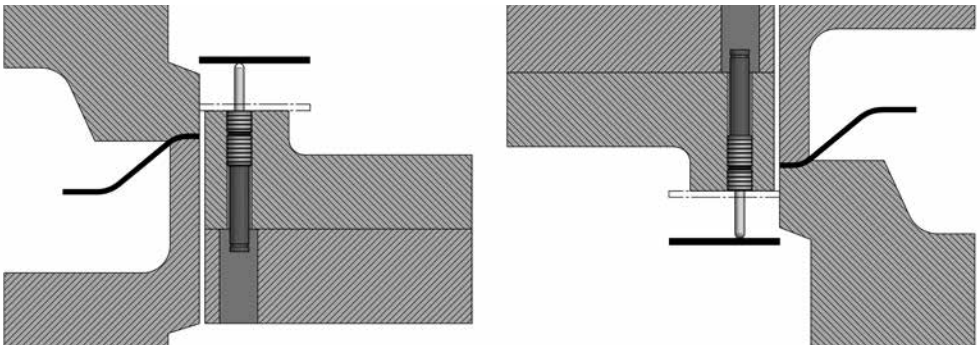
## LPT 10




## E63-016



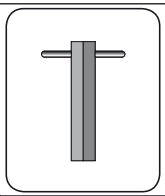

## MOUNTING EXAMPLE

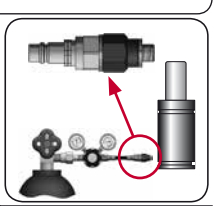










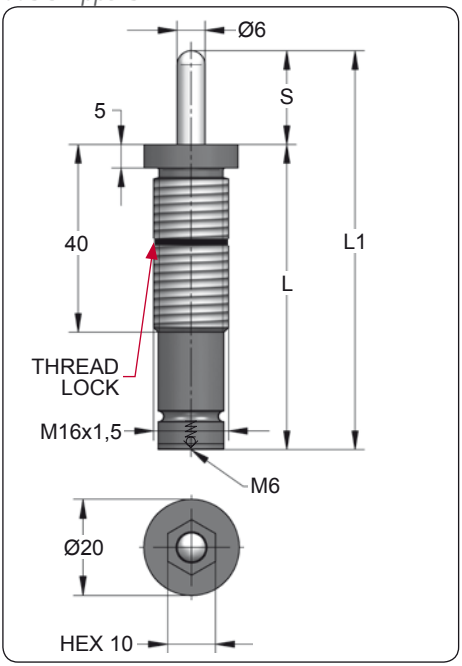
| CODE | | EFGQ 16 50 050 | | LPT 10 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | KEY | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | MONTAGESCHLÜSSEL | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | CLE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | CHIAVE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | LLAVE | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | CHAVE | ADAPTADOR DE CARGA |

# EFT 16

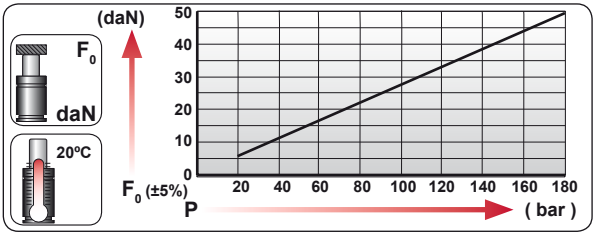
*Gas Strippers*

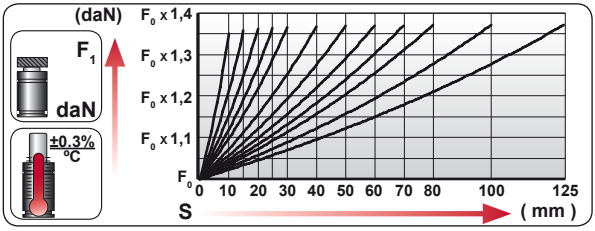
| | | |
|---|---|---|
| | GM 90.80 | |

AZOL GAS

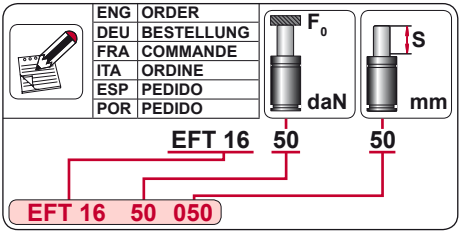


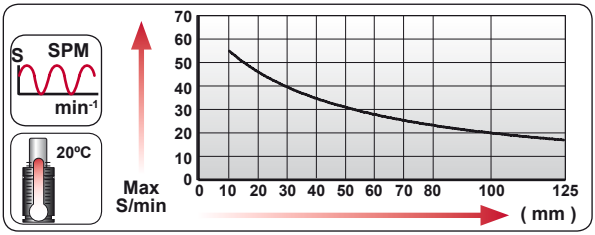

| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| EFT 16 ___ 010 | 10 | 65 | 55 | 0.07 |
| EFT 16 ___ 015 | 15 | 75 | 60 | 0.07 |
| EFT 16 ___ 020 | 20 | 85 | 65 | 0.08 |
| EFT 16 ___ 025 | 25 | 95 | 70 | 0.08 |
| EFT 16 ___ 030 | 30 | 105 | 75 | 0.08 |
| EFT 16 ___ 040 | 40 | 125 | 85 | 0.09 |
| EFT 16 ___ 050 | 50 | 145 | 95 | 0.09 |
| EFT 16 ___ 060 | 60 | 165 | 105 | 0.10 |
| EFT 16 ___ 070 | 70 | 185 | 115 | 0.11 |
| EFT 16 ___ 080 | 80 | 205 | 125 | 0.11 |
| EFT 16 ___ 100 | 100 | 245 | 145 | 0.13 |
| EFT 16 ___ 125 | 125 | 295 | 170 | 0.14 |

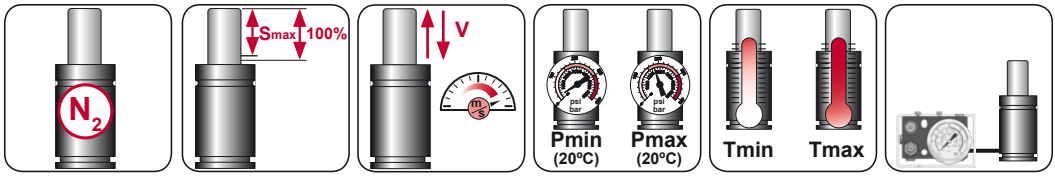



| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| EFT 16 6 050 | Green | 20 | 290 | 6 | 8 |
| EFT 16 11 050 | Blue | 40 | 580 | 11 | 15 |
| EFT 16 21 050 | Red | 75 | 1090 | 21 | 30 |
| EFT 16 42 050 | Yellow | 150 | 2175 | 42 | 55 |
| EFT 16 XX 050 | Black | 20-180 | 290-2610 | 6 - 50 | 8 - 70 |



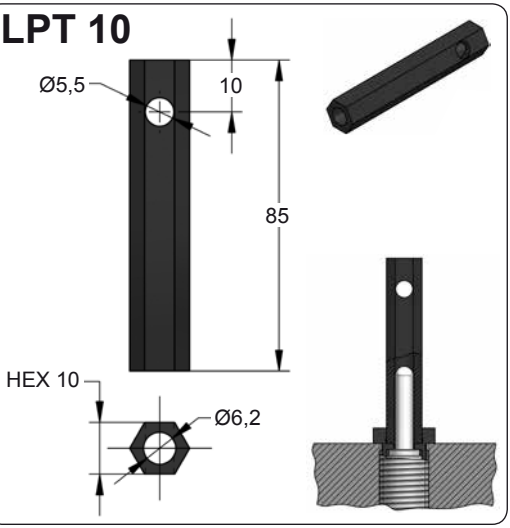




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | °C °F 0 32 | °C °F 80 176 | |
|---|---|---|---|---|---|---|---|

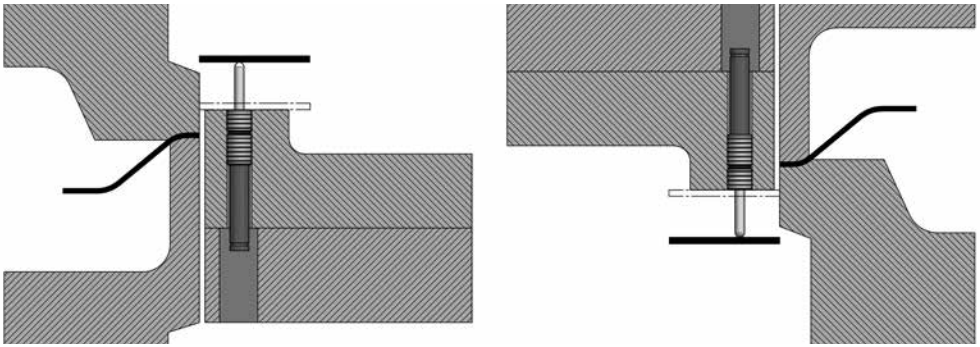
AZOL GAS

# EFT 16
Gas Strippers

## LPT 10



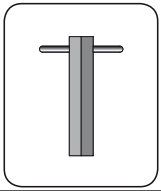

## MOUNTING EXAMPLE

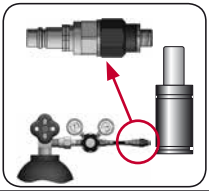








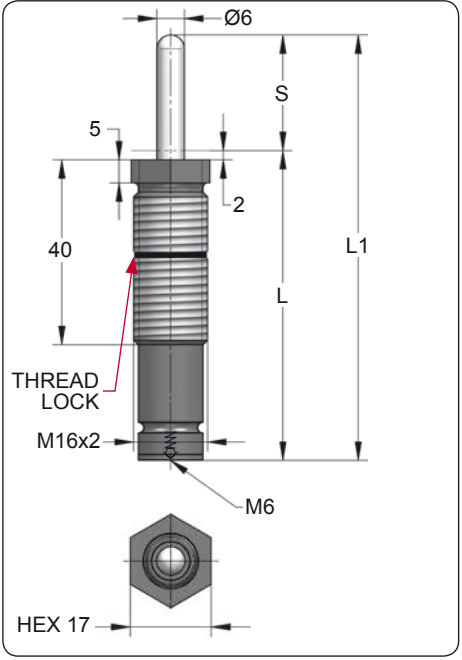


| CODE | | EFT 16 50 050 | | LPT 10 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | KEY | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | MONTAGESCHLÜSSEL | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | CLE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | CHIAVE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | LLAVE | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | CHAVE | ADAPTADOR DE CARGA |

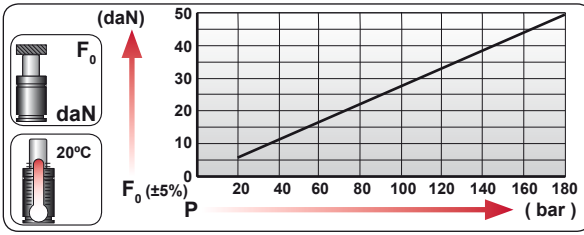
# EFV 16

*Gas Strippers*

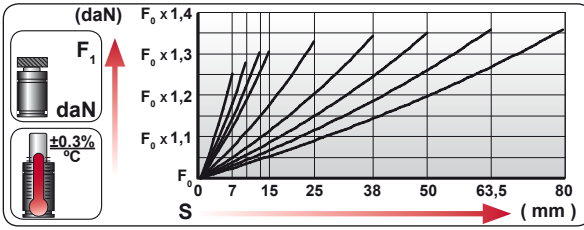
AZOL GAS




| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| EFV 16 ___ 007 | 7 | 56 | 49 | 0.06 |
| EFV 16 ___ 010 | 10 | 62 | 52 | 0.06 |
| EFV 16 ___ 012 | 12.7 | 67.4 | 54.7 | 0.06 |
| EFV 16 ___ 015 | 15 | 72 | 57 | 0.07 |
| EFV 16 ___ 025 | 25 | 92 | 67 | 0.07 |
| EFV 16 ___ 038 | 38 | 118 | 80 | 0.08 |
| EFV 16 ___ 050 | 50 | 142 | 92 | 0.09 |
| EFV 16 ___ 063 | 63.5 | 172 | 108.5 | 0.10 |
| EFV 16 ___ 080 | 80 | 205 | 125 | 0.11 |




| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| EFV 16 13 050 | Green | 45 | 650 | 13 | 20 |
| EFV 16 25 050 | Blue | 90 | 1305 | 25 | 40 |
| EFV 16 38 050 | Red | 135 | 1960 | 38 | 60 |
| EFV 16 50 050 | Yellow | 180 | 2610 | 50 | 80 |
| EFV 16 XX 050 | Black | 20-180 | 290-2610 | 6 - 50 | 8 - 80 |

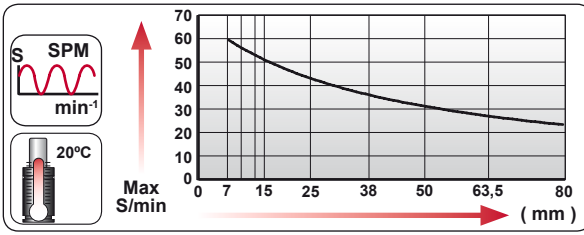


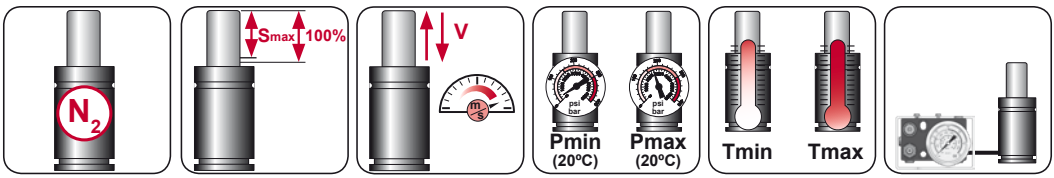

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

EFV 16 50 50

EFV 16 50 050



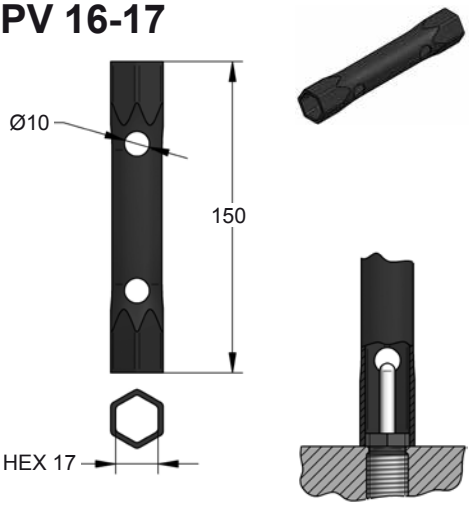




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

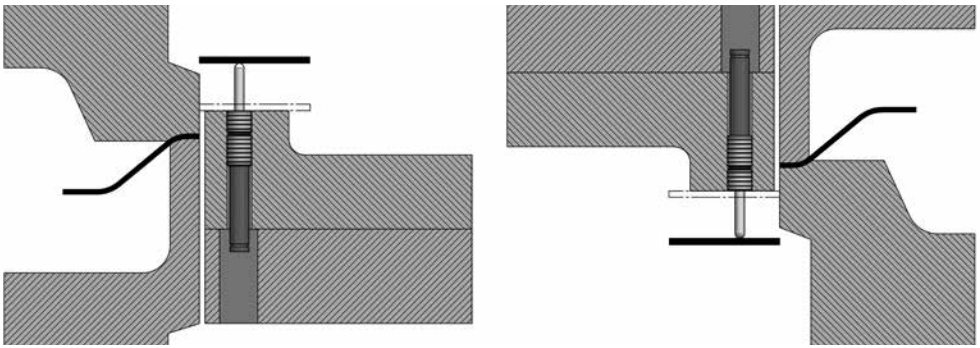
AZOL GAS

# EFV 16
Gas Strippers

## LPV 16-17




## MOUNTING EXAMPLE





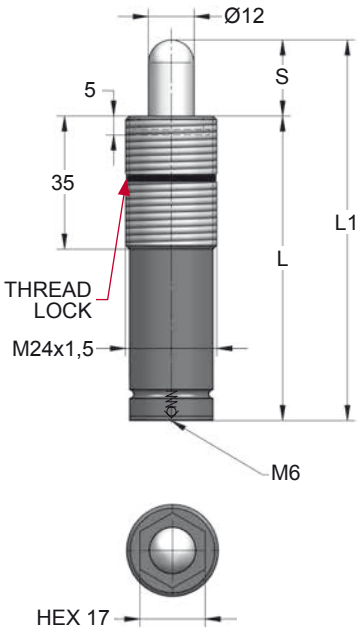

| CODE | | EFV 16 50 050 | | LPV 16-17 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | KEY | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | MONTAGESCHLÜSSEL | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | CLE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | CHIAVE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | LLAVE | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | CHAVE | ADAPTADOR DE CARGA |

# EFG 24

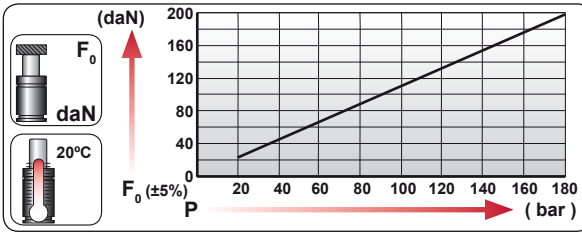
*Gas Strippers*

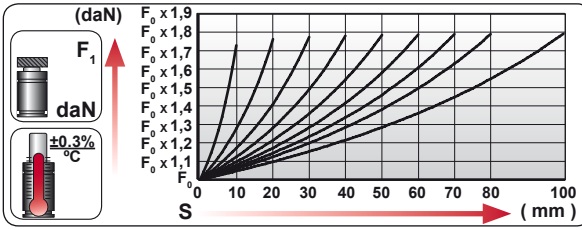
| | | | | |
|---|---|---|---|---|
| | | FORD | W-DX35-6030 | |
| MB | B8 0820 100 000 002 | GM | 90.25 | |
| VW | 39D 549 | | | |

AZOL GAS




| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| EFG 24 ___ 010 | 10 | 80 | 70 | 0.19 |
| EFG 24 ___ 020 | 20 | 100 | 80 | 0.21 |
| EFG 24 ___ 030 | 30 | 120 | 90 | 0.23 |
| EFG 24 ___ 040 | 40 | 140 | 100 | 0.25 |
| EFG 24 ___ 050 | 50 | 160 | 110 | 0.27 |
| EFG 24 ___ 060 | 60 | 180 | 120 | 0.29 |
| EFG 24 ___ 070 | 70 | 200 | 130 | 0.31 |
| EFG 24 ___ 080 | 80 | 220 | 140 | 0.32 |
| EFG 24 ___ 100 | 100 | 260 | 160 | 0.36 |



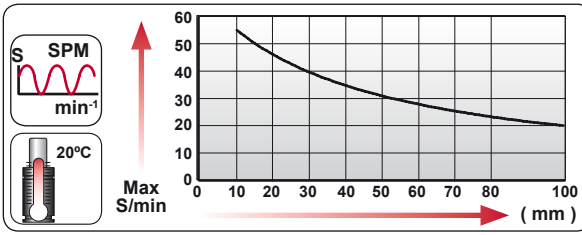



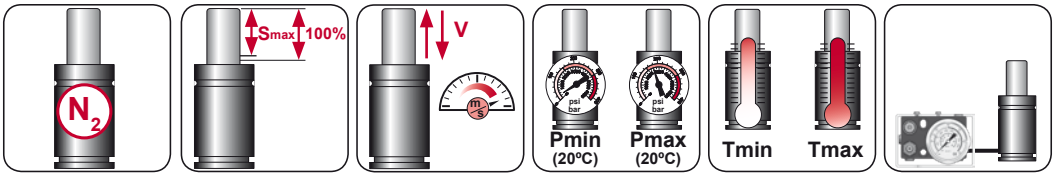

| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| EFG 24 23 050 | Green | 20 | 290 | 23 | 40 |
| EFG 24 45 050 | Blue | 40 | 580 | 45 | 80 |
| EFG 24 85 050 | Red | 75 | 1090 | 85 | 150 |
| EFG 24 170 050 | Yellow | 150 | 2175 | 170 | 300 |
| EFG 24 XXX 050 | Black | 20-180 | 290-2610 | 23 - 200 | 40 - 355 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

EFG 24 200 050



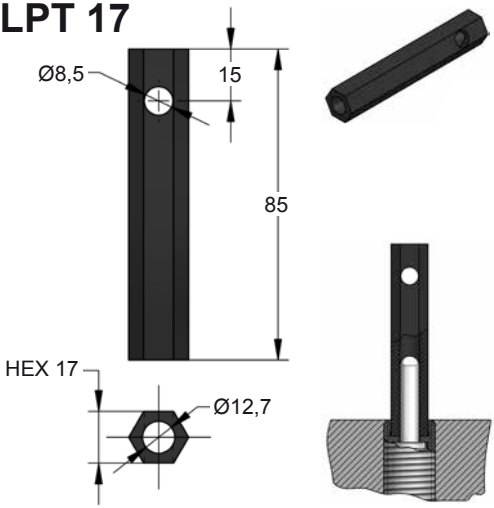




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

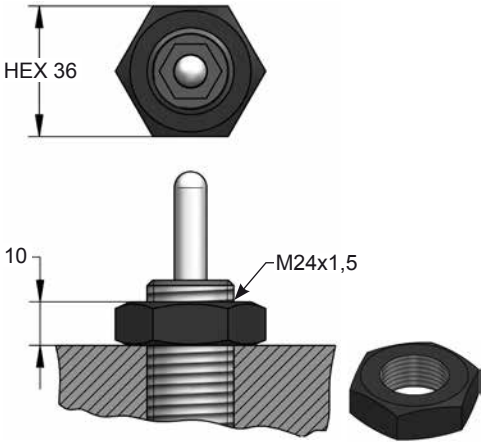
AZOL GAS

# EFG 24
Gas Strippers

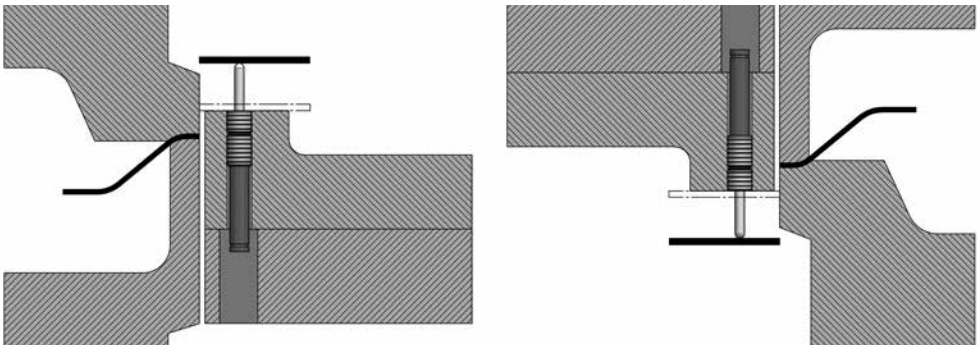
## LPT 17




## E23-024



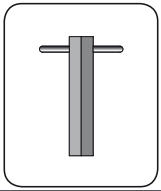

## MOUNTING EXAMPLE

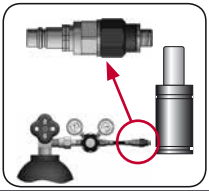








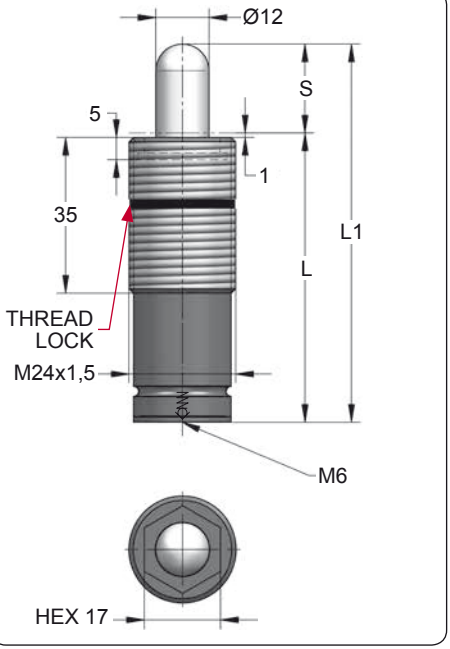


| CODE | | EFG 24 200 050 | | LPT 17 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | KEY | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | MONTAGESCHLÜSSEL | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | CLE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | CHIAVE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | LLAVE | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | CHAVE | ADAPTADOR DE CARGA |

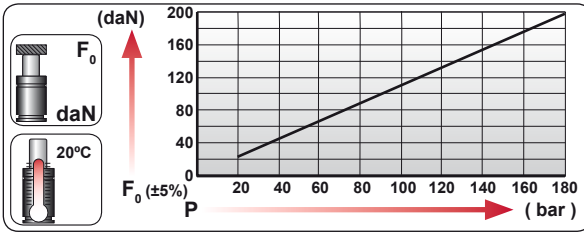
# EFGC 24

*Gas Strippers*

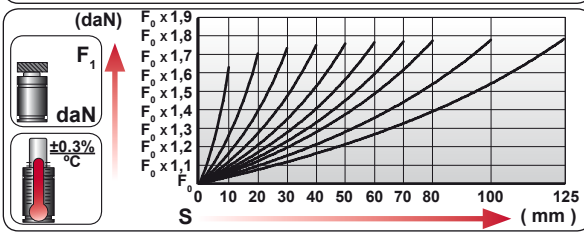
AZOL GAS




| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| EFGC 24 ___ 010 | 10 | 65 | 55 | 0.15 |
| EFGC 24 ___ 020 | 20 | 85 | 65 | 0.17 |
| EFGC 24 ___ 030 | 30 | 105 | 75 | 0.18 |
| EFGC 24 ___ 040 | 40 | 125 | 85 | 0.20 |
| EFGC 24 ___ 050 | 50 | 145 | 95 | 0.22 |
| EFGC 24 ___ 060 | 60 | 165 | 105 | 0.24 |
| EFGC 24 ___ 070 | 70 | 185 | 115 | 0.26 |
| EFGC 24 ___ 080 | 80 | 205 | 125 | 0.28 |
| EFGC 24 ___ 100 | 100 | 245 | 145 | 0.32 |
| EFGC 24 ___ 125 | 125 | 295 | 170 | 0.36 |




| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| EFGC 24 23 050 | Green | 20 | 290 | 23 | 40 |
| EFGC 24 45 050 | Blue | 40 | 580 | 45 | 80 |
| EFGC 24 85 050 | Red | 75 | 1090 | 85 | 150 |
| EFGC 24 170 050 | Yellow | 150 | 2175 | 170 | 300 |
| EFGC 24 XXX 050 | Black | 20-180 | 290-2610 | 23 - 200 | 40 - 350 |

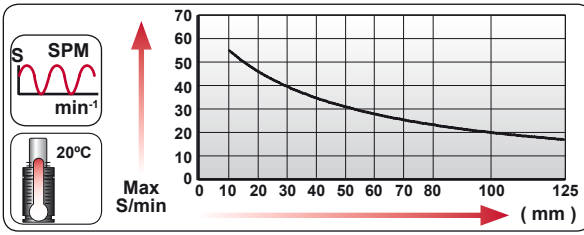


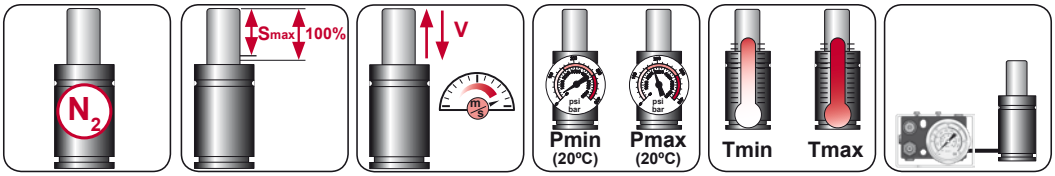

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

EFGC 24 200 50

EFGC 24 200 050




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 |
|---|---|---|---|---|---|---|

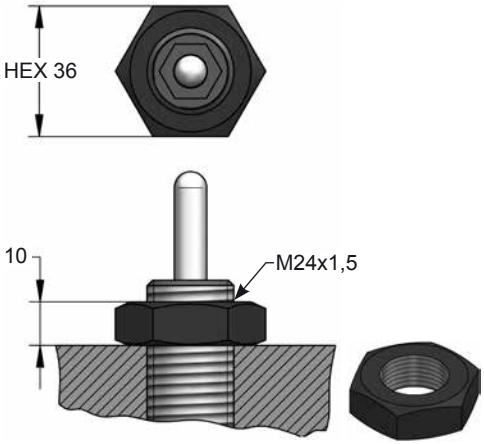
AZOL GAS

# EFGC 24
Gas Strippers

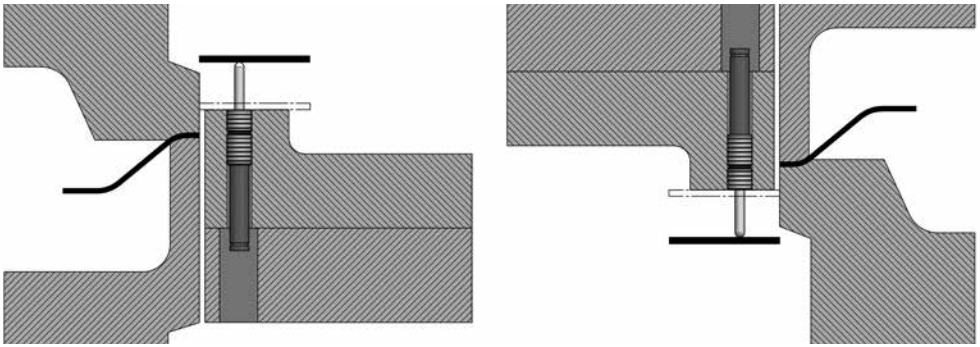
## LPT 17




## E23-024




## MOUNTING EXAMPLE





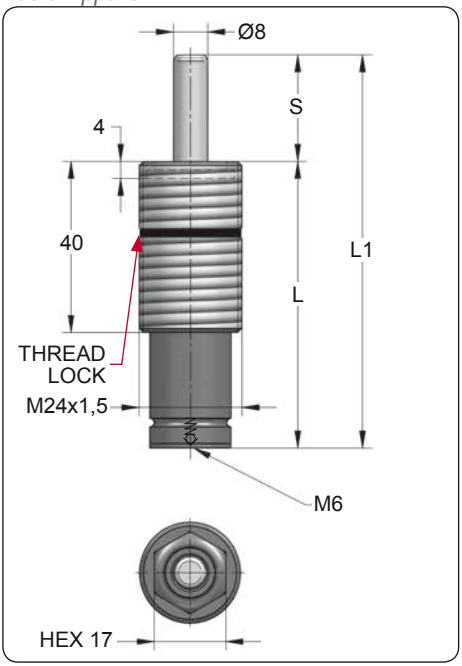

| CODE | | EFGC 24 200 050 | X | LPT 17 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | KEY | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | MONTAGESCHLÜSSEL | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | CLE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | CHIAVE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | LLAVE | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | CHAVE | ADAPTADOR DE CARGA |

# EFGL 24

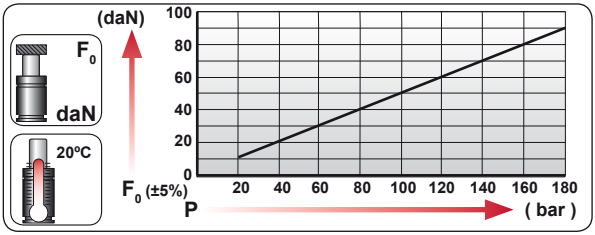
*Gas Strippers*

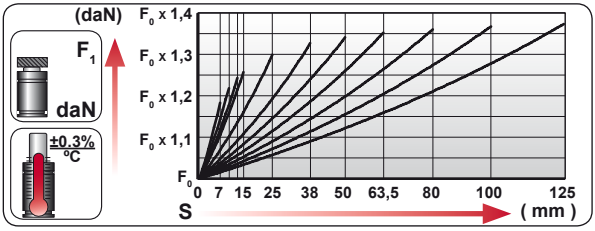
| | FORD W-DX35-8018 | |
|---|---|---|
| | | |
| | | |

AZOL GAS




| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| EFGL 24 ___ 007 | 7 | 56 | 49 | 0.12 |
| EFGL 24 ___ 010 | 10 | 62 | 52 | 0.12 |
| EFGL 24 ___ 012 | 12.7 | 67.4 | 54.7 | 0.13 |
| EFGL 24 ___ 015 | 15 | 72 | 57 | 0.13 |
| EFGL 24 ___ 025 | 25 | 92 | 67 | 0.15 |
| EFGL 24 ___ 038 | 38 | 118 | 80 | 0.16 |
| EFGL 24 ___ 050 | 50 | 142 | 92 | 0.17 |
| EFGL 24 ___ 063 | 63.5 | 172 | 109 | 0.19 |
| EFGL 24 ___ 080 | 80 | 205 | 125 | 0.21 |
| EFGL 24 ___ 100 | 100 | 245 | 145 | 0.23 |
| EFGL 24 ___ 125 | 125 | 295 | 170 | 0.26 |



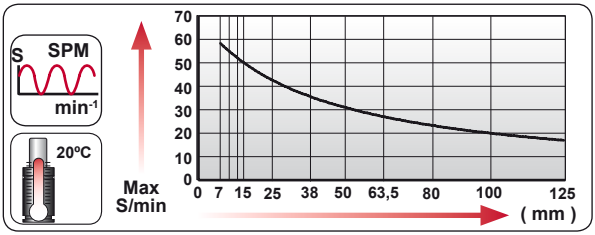

| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| EFGL 24 30 050 | Green | 60 | 870 | 30 | 40 |
| EFGL 24 50 050 | Blue | 100 | 1450 | 50 | 65 |
| EFGL 24 70 050 | Red | 140 | 2030 | 70 | 95 |
| EFGL 24 90 050 | Yellow | 180 | 2610 | 90 | 120 |
| EFGL 24 XX 050 | Black | 20-180 | 290-2610 | 10 - 90 | 13 - 120 |

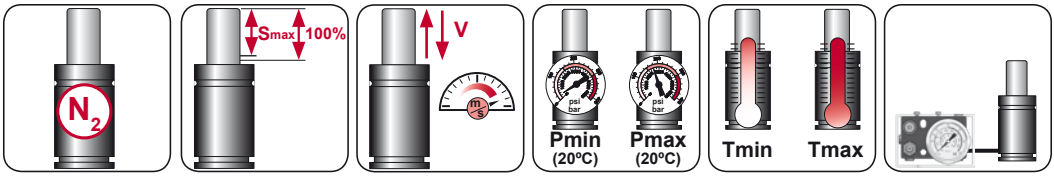
| ENG | ORDER |
|---|---|
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

EFGL 24 90 50

EFGL 24 90 050




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | °C °F 0 32 | °C °F 80 176 |
|---|---|---|---|---|---|---|

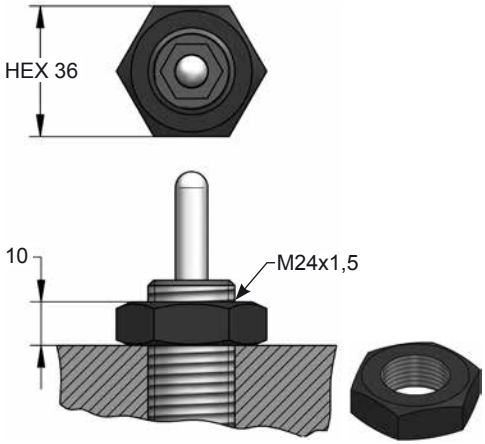
AZOL GAS

# EFGL 24
Gas Strippers

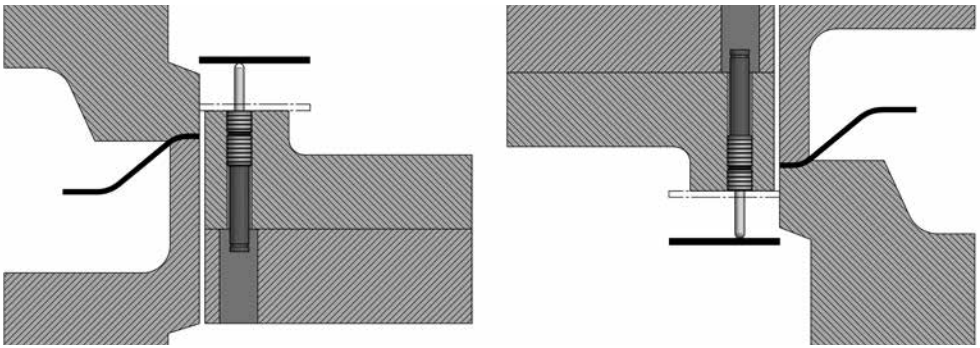
## LPT 17




## E23-024




## MOUNTING EXAMPLE



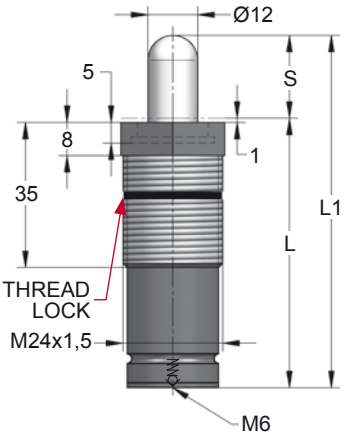


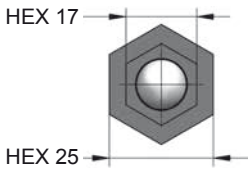

| CODE | | EFGL 24 90 050 | X | LPT 17 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | KEY | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | MONTAGESCHLÜSSEL | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | CLE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | CHIAVE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | LLAVE | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | CHAVE | ADAPTADOR DE CARGA |

# EFK 24

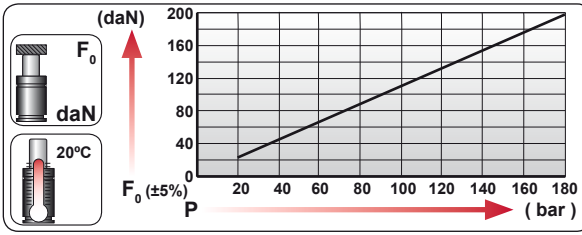
*Gas Strippers*

AZOL GAS

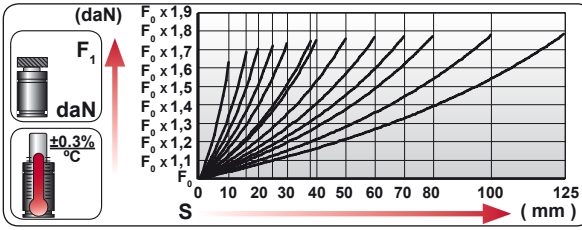



| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| EFK 24 ___ 010 | 10 | 65 | 55 | 0.15 |
| EFK 24 ___ 016 | 16 | 77 | 61 | 0.16 |
| EFK 24 ___ 020 | 20 | 85 | 65 | 0.17 |
| EFK 24 ___ 025 | 25 | 95 | 70 | 0.18 |
| EFK 24 ___ 030 | 30 | 105 | 75 | 0.19 |
| EFK 24 ___ 038 | 38 | 121 | 83 | 0.21 |
| EFK 24 ___ 040 | 40 | 125 | 85 | 0.21 |
| EFK 24 ___ 050 | 50 | 145 | 95 | 0.23 |
| EFK 24 ___ 060 | 60 | 165 | 105 | 0.25 |
| EFK 24 ___ 070 | 70 | 185 | 115 | 0.27 |
| EFK 24 ___ 080 | 80 | 205 | 125 | 0.28 |
| EFK 24 ___ 100 | 100 | 245 | 145 | 0.32 |
| EFK 24 ___ 125 | 125 | 295 | 170 | 0.37 |




| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| EFK 24 23 050 | Green | 20 | 290 | 23 | 40 |
| EFK 24 45 050 | Blue | 40 | 580 | 45 | 80 |
| EFK 24 85 050 | Red | 75 | 1090 | 85 | 150 |
| EFK 24 170 050 | Yellow | 150 | 2175 | 170 | 300 |
| EFK 24 XXX 050 | Black | 20-180 | 290-2610 | 23 - 200 | 40 - 355 |

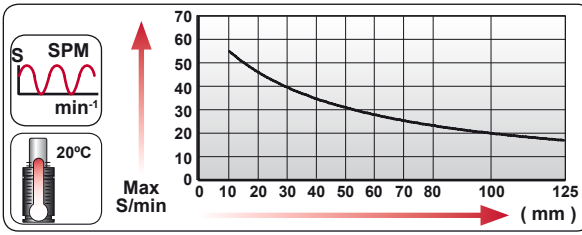



| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



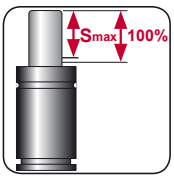

EFK 24 200 50

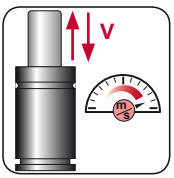
EFK 24 200 050

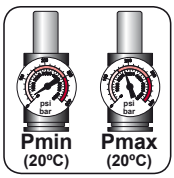


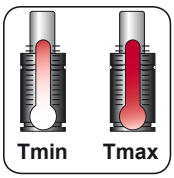


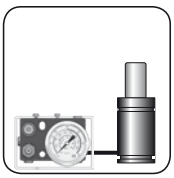




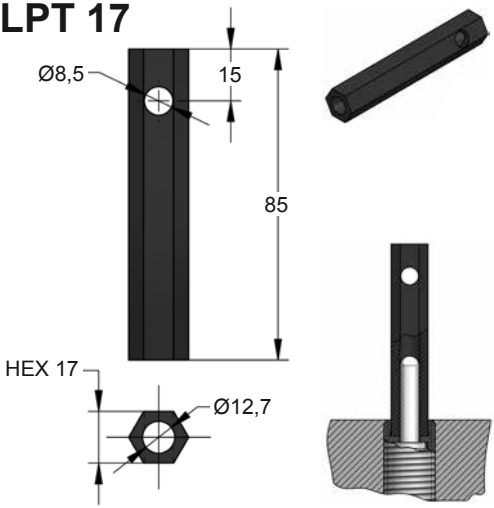



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 | |
|---|---|---|---|---|---|---|---|

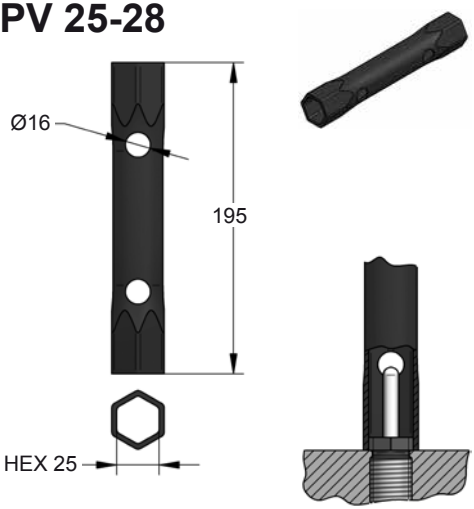
AZOL GAS

# EFK 24
Gas Strippers

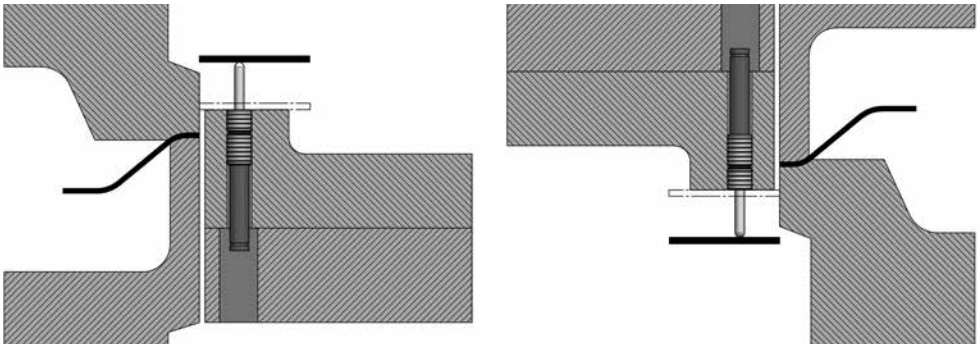
## LPT 17




## LPV 25-28




## MOUNTING EXAMPLE



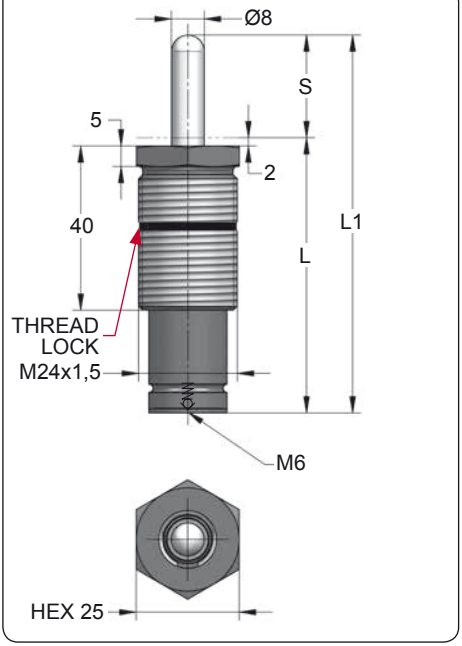



| CODE | | EFK 24 200 050 | X | LPT 17 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | KEY | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | MONTAGESCHLÜSSEL | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | CLE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | CHIAVE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | LLAVE | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | CHAVE | ADAPTADOR DE CARGA |

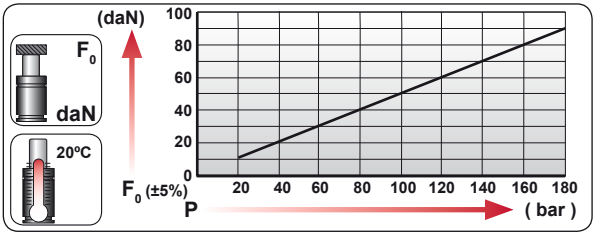
# EFV 24

*Gas Strippers*

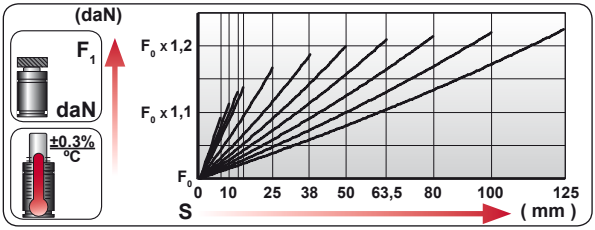
AZOL GAS




| CODE | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| EFV 24 ___ 007 | 7 | 56 | 49 | 0.10 |
| EFV 24 ___ 010 | 10 | 62 | 52 | 0.11 |
| EFV 24 ___ 012 | 12.7 | 67.4 | 54.7 | 0.11 |
| EFV 24 ___ 015 | 15 | 72 | 57 | 0.12 |
| EFV 24 ___ 025 | 25 | 92 | 67 | 0.16 |
| EFV 24 ___ 038 | 38 | 118 | 80 | 0.15 |
| EFV 24 ___ 050 | 50 | 142 | 92 | 0.16 |
| EFV 24 ___ 063 | 63.5 | 172 | 108.5 | 0.19 |
| EFV 24 ___ 080 | 80 | 205 | 125 | 0.21 |
| EFV 24 ___ 100 | 100 | 245 | 145 | 0.27 |
| EFV 24 ___ 125 | 125 | 295 | 170 | 0.30 |




| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| EFV 24 30 050 | Green | 60 | 870 | 30 | 40 |
| EFV 24 50 050 | Blue | 100 | 1450 | 50 | 65 |
| EFV 24 70 050 | Red | 140 | 2030 | 70 | 95 |
| EFV 24 90 050 | Yellow | 180 | 2610 | 90 | 120 |
| EFV 24 XX 050 | Black | 20-180 | 290-2610 | 10 - 90 | 13 - 120 |

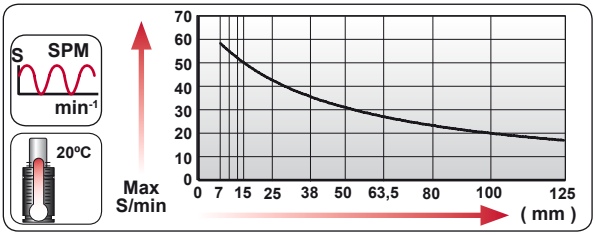


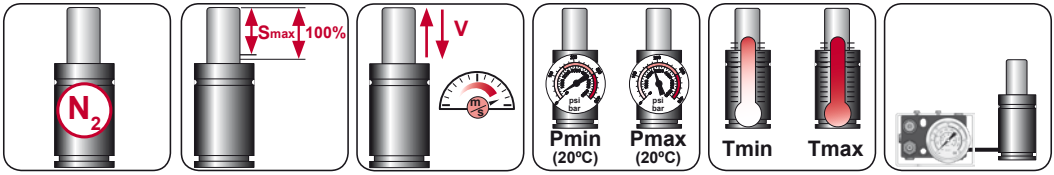

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELLUNG |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




EFV 24 90 50

EFV 24 90 050



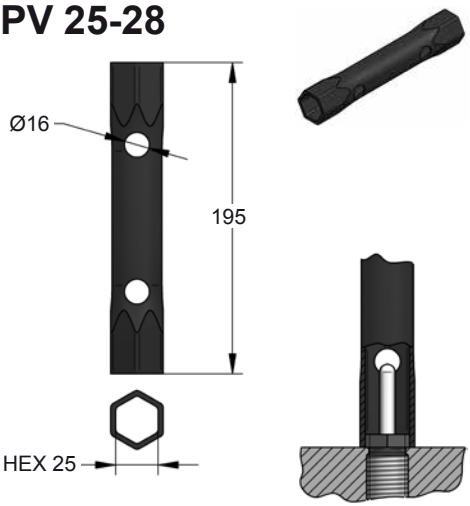




| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | ºC ºF 0 32 | ºC ºF 80 176 |
|---|---|---|---|---|---|---|

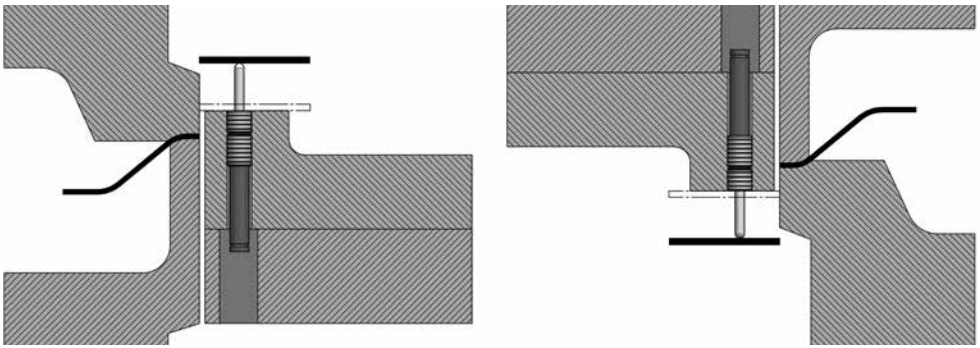
AZOL GAS

# EFV 24
Gas Strippers

## LPV 25-28




## MOUNTING EXAMPLE





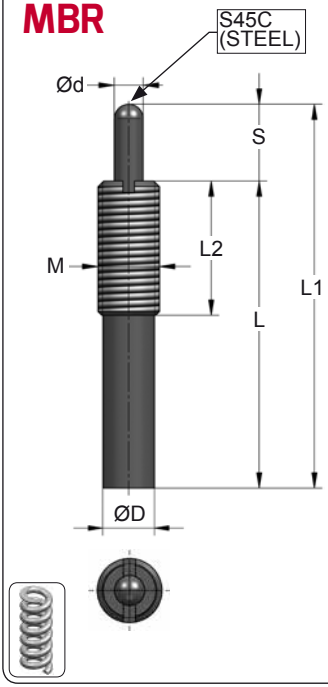

| CODE | | EFV 24 90 050 | | LPV 25-28 | 06 CG 2-Q |
|---|---|---|---|---|---|
| ENG | ORDER | GAS SPRING | REPAIR KIT | KEY | CHARGING ADAPTER |
| DEU | BESTELLUNG | GASDRUCKFEDER | ERSATZTEILSATZ | MONTAGESCHLÜSSEL | LADEADAPTER |
| FRA | COMMANDE | RESSORT À GAZ | KIT DE RÉPARATION | CLE | RACCORD DE CHARGE |
| ITA | ORDINE | CILINDRO AD AZOTO | KIT DI MANUTENZIONE | CHIAVE | ADATTATORE DI CARICO |
| ESP | PEDIDO | RESORTE DE GAS | KIT DE REPARACION | LLAVE | ADAPTADOR DE CARGA |
| POR | PEDIDO | CILINDRO DE GÁS | KIT DE MANUTENÇÃO | CHAVE | ADAPTADOR DE CARGA |

# MBR

*Spring Plungers*

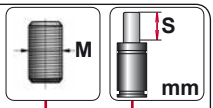
AZOL GAS

## MBR



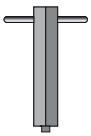

| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | ØD (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|---|
| MBR 16 020 | M16x2 | 20 | 100 | 80 | 35 | 13.4 | 7.5 | 35 | 174 | LP 16 |
| MBR 16 030 | M16x2 | 30 | 150 | 120 | 35 | 13.4 | 7.5 | 20 | 80 | LP 16 |
| MBR 16 040 | M16x2 | 40 | 190 | 150 | 35 | 13.4 | 7.5 | 55 | 158 | LP 16 |
| MBR 16 050 | M16x2 | 50 | 250 | 200 | 35 | 13.4 | 7.5 | 35 | 105 | LP 16 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




MBR M16 50

MBR 16 050



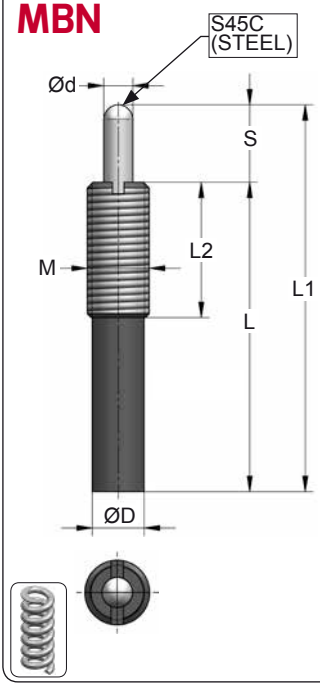
LP 16

AZOL GAS

# MBN / MBP

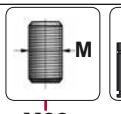
*Spring Plungers*

## MBN



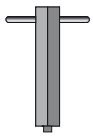

| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | ØD (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|---|
| MBN 16 010 | M16 | 11 | 91 | 80 | 35 | 13.4 | 7.3 | 17 | 75 | LPS 16 |
| MBN 16 020 | M16 | 21 | 141 | 120 | 35 | 13.4 | 7.3 | 21 | 80 | LPS 16 |
| MBN 16 030 | M16 | 31 | 181 | 150 | 35 | 13.4 | 7.3 | 21 | 90 | LPS 16 |
| MBN 16 040 | M16 | 41 | 241 | 200 | 35 | 13.4 | 7.3 | 16 | 80 | LPS 16 |
| MBN 22 020 | M22 | 21 | 151 | 130 | 50 | 19 | 9 | 80 | 215 | LPS 22 |
| MBN 22 030 | M22 | 31 | 199 | 168 | 50 | 19 | 9 | 70 | 210 | LPS 22 |
| MBN 22 040 | M22 | 41 | 267 | 226 | 50 | 19 | 9 | 75 | 210 | LPS 22 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



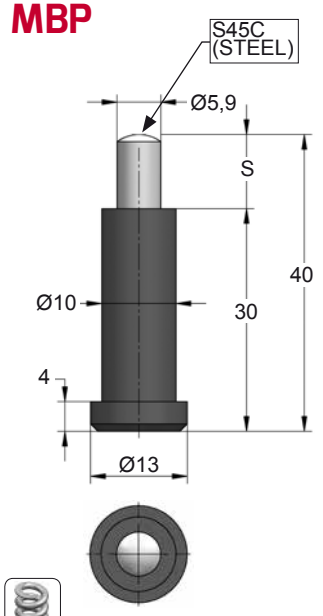

MBN M22 40

MBN 22 040



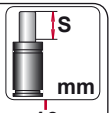
LPS _ _

## MBP




| ORDER | S (mm) | $F_0$ (N) | $F_1$ (N) |
|---|---|---|---|
| MBP 010 | 10 | 42 | 110 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




MBP 10

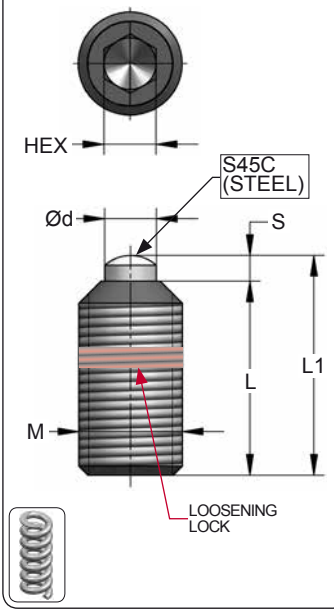
MBP 010

# MBSD / MBSL

*Spring Plungers*

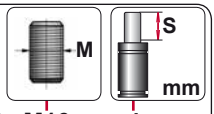
AZOL GAS

## MBSD



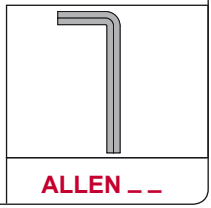

| ORDER | M | S (mm) | L1 (mm) | L (mm) | Ød (mm) | HEX (mm) | $F_0$ (N) | $F_1$ (N) | Allen Key |
|---|---|---|---|---|---|---|---|---|---|
| MBSD 5 001 | M5 | 1.5 | 13.5 | 12 | 2.5 | 2.5 | 5 | 15 | 2.5 |
| MBSD 6 001 | M6 | 1.5 | 14.5 | 13 | 3 | 3 | 6 | 20 | 3 |
| MBSD 8 002 | M8 | 2 | 17 | 15 | 4 | 4 | 6 | 20 | 4 |
| MBSD 10 002 | M10 | 2.5 | 18.5 | 16 | 5 | 5 | 10 | 30 | 5 |
| MBSD 12 003 | M12 | 3.5 | 23.5 | 20 | 6 | 6 | 10 | 30 | 6 |
| MBSD 16 004 | M16 | 4.5 | 26.5 | 22 | 8 | 8 | 20 | 60 | 8 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

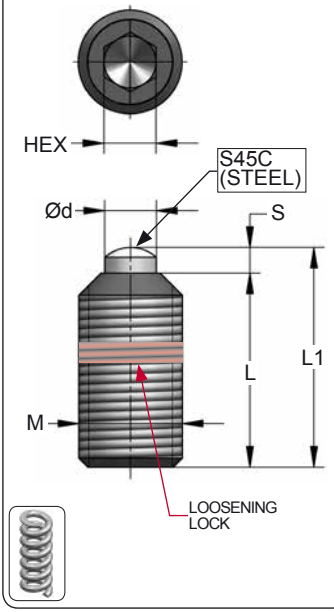



MBSD M16 4

MBSD 16 004

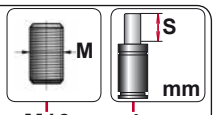



## MBSL



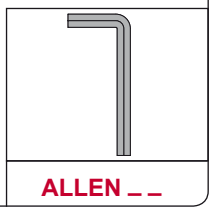

| ORDER | M | S (mm) | L1 (mm) | L (mm) | Ød (mm) | HEX (mm) | $F_0$ (N) | $F_1$ (N) | Allen Key |
|---|---|---|---|---|---|---|---|---|---|
| MBSL 5 001 | M5 | 1.5 | 13.5 | 12 | 2.5 | 2.5 | 2 | 8 | 2.5 |
| MBSL 6 001 | M6 | 1.5 | 14.5 | 13 | 3 | 3 | 3 | 10 | 3 |
| MBSL 8 002 | M8 | 2 | 17 | 15 | 4 | 4 | 3 | 10 | 4 |
| MBSL 10 002 | M10 | 2.5 | 18.5 | 16 | 5 | 5 | 5 | 15 | 5 |
| MBSL 12 003 | M12 | 3.5 | 23.5 | 20 | 6 | 6 | 5 | 15 | 6 |
| MBSL 16 004 | M16 | 4.5 | 26.5 | 22 | 8 | 8 | 10 | 30 | 8 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




MBSL M16 4

MBSL 16 004

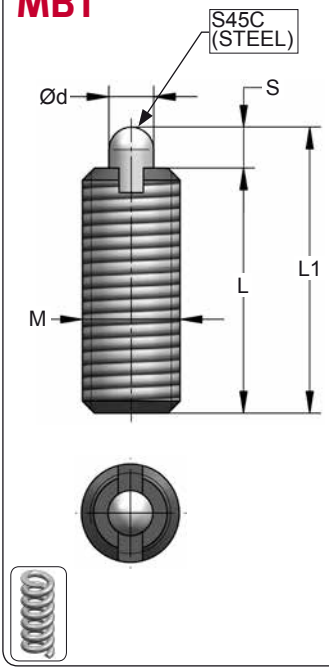


AZOL GAS

# MBT / MBTH

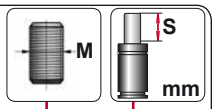
*Spring Plungers*

## MBT



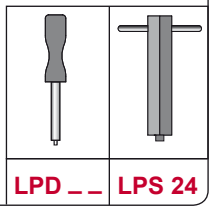

| ORDER | M | S (mm) | L1 (mm) | L (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|
| MBT 3 001 | M3 | 1 | 13 | 12 | 1 | 2 | 4 | LPD 3 |
| MBT 4 001 | M4 | 1.5 | 16.5 | 15 | 1.5 | 4.5 | 16 | LPD 4 |
| MBT 5 002 | M5 | 2.3 | 20.3 | 18 | 2.4 | 6 | 19 | LPD 5 |
| MBT 6 002 | M6 | 2.5 | 22.5 | 20 | 2.7 | 6 | 19 | LPD 6 |
| MBT 8 003 | M8 | 3 | 25 | 22 | 3.5 | 10 | 39 | LPD 8 |
| MBT 10 003 | M10 | 3 | 25 | 22 | 4 | 10 | 39 | LPD 10 |
| MBT 12 004 | M12 | 4 | 32 | 28 | 6 | 12 | 53 | LPD 12 |
| MBT 16 005 | M16 | 5 | 37 | 32 | 7.5 | 45 | 100 | LPD 16 |
| MBT 20 007 | M20 | 7 | 47 | 40 | 10 | 52 | 125 | LPD 20 |
| MBT 24 010 | M24 | 10 | 62 | 52 | 12 | 70 | 170 | LPS 24 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



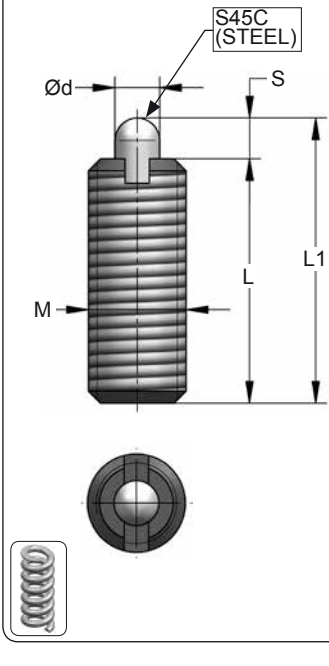

MBT M24 10

MBT 24 010



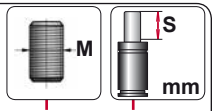
LPD _ _ LPS 24

## MBTH



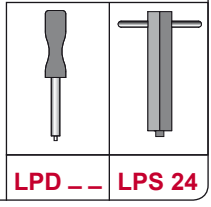

| ORDER | M | S (mm) | L1 (mm) | L (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|
| MBTH 5 002 | M5 | 2.3 | 20.3 | 18 | 2.4 | 11 | 40 | LPD 5 |
| MBTH 6 002 | M6 | 2.5 | 22.5 | 20 | 2.7 | 15 | 43 | LPD 6 |
| MBTH 8 003 | M8 | 3 | 25 | 22 | 3.5 | 20 | 75 | LPD 8 |
| MBTH 10 003 | M10 | 3 | 25 | 22 | 4 | 20 | 75 | LPD 10 |
| MBTH 12 004 | M12 | 4 | 32 | 28 | 6 | 45 | 120 | LPD 12 |
| MBTH 16 005 | M16 | 5 | 37 | 32 | 7.5 | 64 | 160 | LPD 16 |
| MBTH 20 007 | M20 | 7 | 47 | 40 | 10 | 75 | 195 | LPD 20 |
| MBTH 24 010 | M24 | 10 | 62 | 52 | 12 | 75 | 245 | LPS 24 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




MBTH M24 10

MBTH 24 010



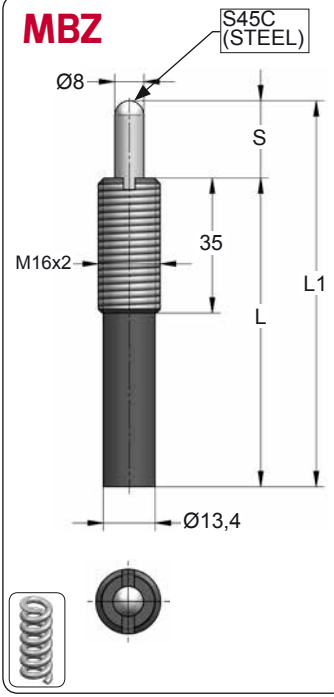
LPD _ _ LPS 24

# MBZ

*Spring Plungers*

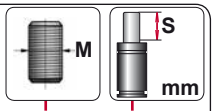
AZOL GAS

## MBZ



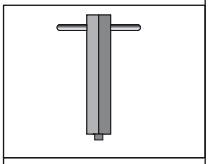

| ORDER | S (mm) | L1 (mm) | L (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|
| MBZ 16 020 | 20 | 100 | 80 | 24 | 186 | LP 16 |
| MBZ 16 030 | 30 | 110 | 80 | 4 | 47 | LP 16 |
| MBZ 16 040 | 40 | 190 | 150 | 59 | 177 | LP 16 |
| MBZ 16 050 | 50 | 200 | 150 | 13 | 47 | LP 16 |
| MBZ 16 060 | 60 | 210 | 150 | 11 | 45 | LP 16 |
| MBZ 16 070 | 70 | 270 | 200 | 5 | 40 | LP 16 |
| MBZ 16 080 | 80 | 280 | 200 | 2 | 38 | LP 16 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




MBZ M16 80

MBZ 16 080



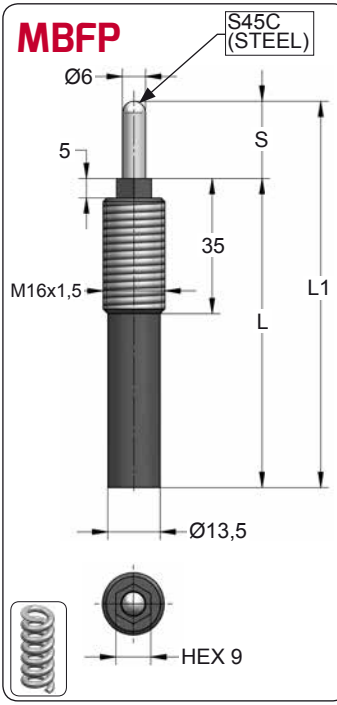
LP 16

AZOL GAS

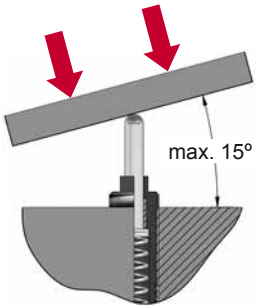
# MBFP / MBHM

*Spring Plungers*

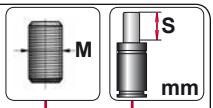
## MBFP




| ORDER | S (mm) | L1 (mm) | L (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|
| MBFP 16 020 | 20 | 100 | 80 | 35 | 89 | LPV 8-9 |
| MBFP 16 030 | 30 | 120 | 90 | 2 | 27 | LPV 8-9 |
| MBFP 16 050 | 50 | 200 | 150 | 9 | 34 | LPV 8-9 |




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




MBFP M16 20

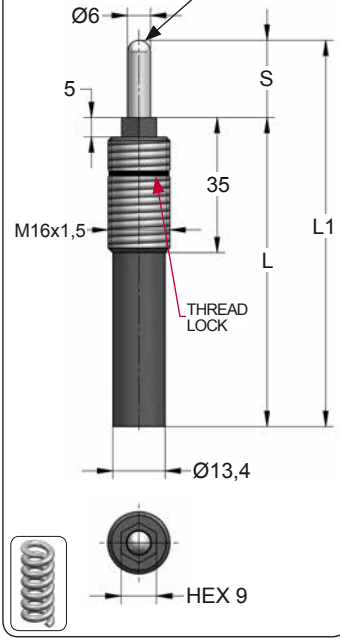
MBFP 16 020



LPV 8-9

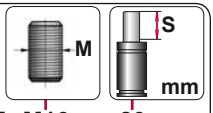
## MBHM

POM (POLYOXYMETHYLENE)




| ORDER | S (mm) | L1 (mm) | L (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|
| MBHM 16 020 | 20 | 100 | 80 | 7 | 34.5 | LPV 8-9 |
| MBHM 16 030 | 30 | 110 | 80 | 6.5 | 45.5 | LPV 8-9 |
| MBHM 16 050 | 50 | 200 | 150 | 13.2 | 43.2 | LPV 8-9 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




MBHM M16 80

MBHM 16 080



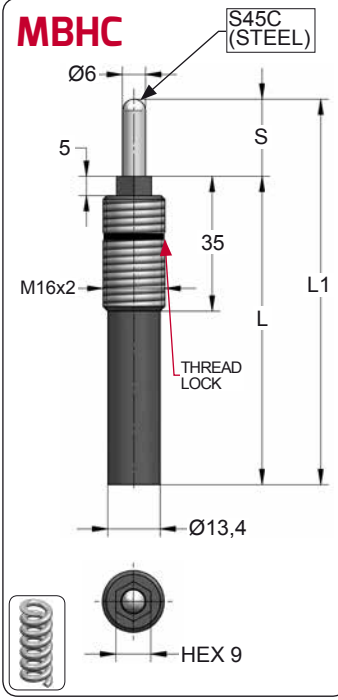
LPV 8-9

# MBHC / MBHF

*Spring Plungers*

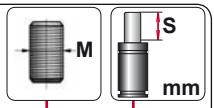
AZOL GAS

## MBHC




| ORDER | S (mm) | L1 (mm) | L (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|
| MBHC 16 010 | 10 | 70 | 60 | 4 | 13.3 | LPV 8-9 |
| MBHC 16 015 | 15 | 75 | 60 | 10 | 40 | LPV 8-9 |
| MBHC 16 020 | 20 | 100 | 80 | 7 | 34.5 | LPV 8-9 |
| MBHC 16 030 | 30 | 110 | 80 | 6.5 | 45.5 | LPV 8-9 |
| MBHC 16 030/1 | 30 | 150 | 120 | 18 | 40 | LPV 8-9 |
| MBHC 16 040 | 40 | 190 | 150 | 13.2 | 37.2 | LPV 8-9 |
| MBHC 16 050 | 50 | 200 | 150 | 13.2 | 43.2 | LPV 8-9 |
| MBHC 16 060 | 60 | 210 | 150 | 13.2 | 49.2 | LPV 8-9 |
| MBHC 16 070 | 70 | 270 | 200 | 9.7 | 40.5 | LPV 8-9 |
| MBHC 16 080 | 80 | 280 | 200 | 9.7 | 44.8 | LPV 8-9 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



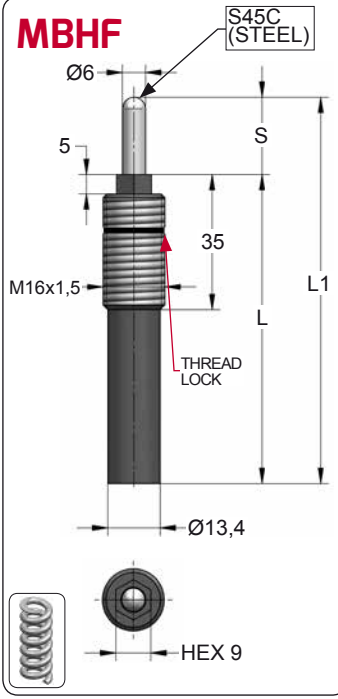

MBHC M16 80

MBHC 16 080



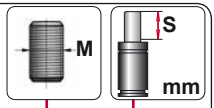
LPV 8-9

## MBHF




| ORDER | S (mm) | L1 (mm) | L (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|
| MBHF 16 010 | 10 | 70 | 60 | 4 | 13.3 | LPV 8-9 |
| MBHF 16 015 | 15 | 75 | 60 | 10 | 40 | LPV 8-9 |
| MBHF 16 020 | 20 | 100 | 80 | 7 | 34.5 | LPV 8-9 |
| MBHF 16 030 | 30 | 110 | 80 | 6.5 | 45.5 | LPV 8-9 |
| MBHF 16 030/1 | 30 | 150 | 120 | 18 | 40 | LPV 8-9 |
| MBHF 16 040 | 40 | 190 | 150 | 13.2 | 37.2 | LPV 8-9 |
| MBHF 16 050 | 50 | 200 | 150 | 13.2 | 43.2 | LPV 8-9 |
| MBHF 16 060 | 60 | 210 | 150 | 13.2 | 49.2 | LPV 8-9 |
| MBHF 16 070 | 70 | 270 | 200 | 9.7 | 40.5 | LPV 8-9 |
| MBHF 16 080 | 80 | 280 | 200 | 9.7 | 44.8 | LPV 8-9 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




MBHF M16 80

MBHF 16 080



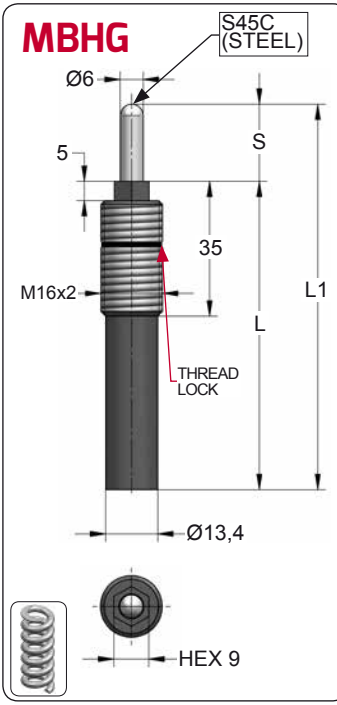
LPV 8-9

AZOL GAS

# MBHG / MBHS

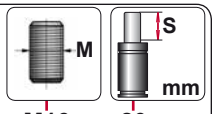
*Spring Plungers*

## MBHG



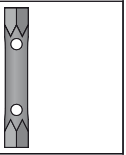

| ORDER | S (mm) | L1 (mm) | L (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|
| MBHG 16 010 | 10 | 70 | 60 | 13 | 45.5 | LPV 8-9 |
| MBHG 16 015 | 15 | 75 | 60 | 15 | 56 | LPV 8-9 |
| MBHG 16 020 | 20 | 100 | 80 | 34.5 | 172.5 | LPV 8-9 |
| MBHG 16 030 | 30 | 150 | 120 | 20 | 80 | LPV 8-9 |
| MBHG 16 030/1 | 30 | 180 | 150 | 56.1 | 132.2 | LPV 8-9 |
| MBHG 16 040 | 40 | 190 | 150 | 56.1 | 158.1 | LPV 8-9 |
| MBHG 16 050 | 50 | 250 | 200 | 19.3 | 100 | LPV 8-9 |
| MBHG 16 060 | 60 | 260 | 200 | 19.3 | 116 | LPV 8-9 |
| MBHG 16 070 | 70 | 270 | 200 | 19.3 | 132 | LPV 8-9 |
| MBHG 16 080 | 80 | 280 | 200 | 25 | 100 | LPV 8-9 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



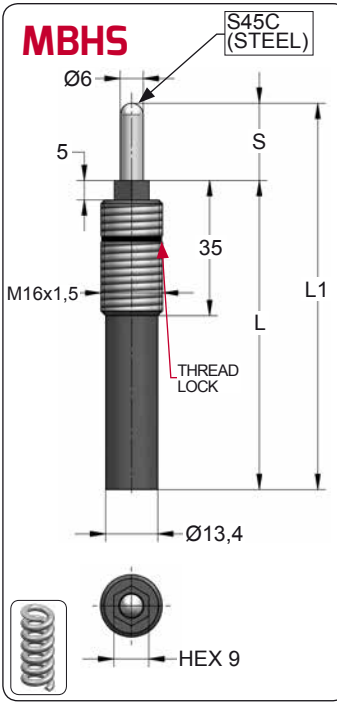

MBHG M16 80

MBHG 16 080



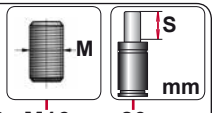
LPV 8-9

## MBHS



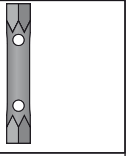

| ORDER | S (mm) | L1 (mm) | L (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|
| MBHS 16 010 | 10 | 70 | 60 | 13 | 45.5 | LPV 8-9 |
| MBHS 16 015 | 15 | 75 | 60 | 15 | 56 | LPV 8-9 |
| MBHS 16 020 | 20 | 100 | 80 | 34.5 | 172.5 | LPV 8-9 |
| MBHS 16 030 | 30 | 150 | 120 | 20 | 80 | LPV 8-9 |
| MBHS 16 030/1 | 30 | 180 | 150 | 56.1 | 132.2 | LPV 8-9 |
| MBHS 16 040 | 40 | 190 | 150 | 56.1 | 158.1 | LPV 8-9 |
| MBHS 16 050 | 50 | 250 | 200 | 19.3 | 100 | LPV 8-9 |
| MBHS 16 060 | 60 | 260 | 200 | 19.3 | 116 | LPV 8-9 |
| MBHS 16 070 | 70 | 270 | 200 | 19.3 | 132 | LPV 8-9 |
| MBHS 16 080 | 80 | 280 | 200 | 25 | 100 | LPV 8-9 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




MBHS M16 80

MBHS 16 080



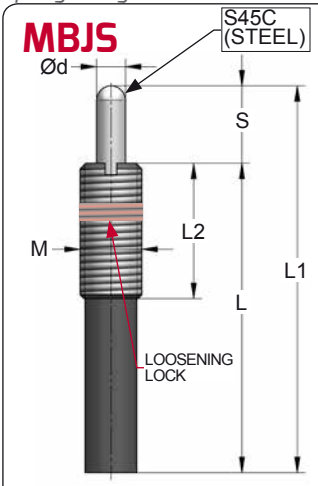
LPV 8-9

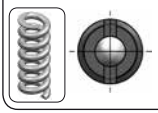
# MBJS / MBJX

*Spring Plungers*

AZOL GAS

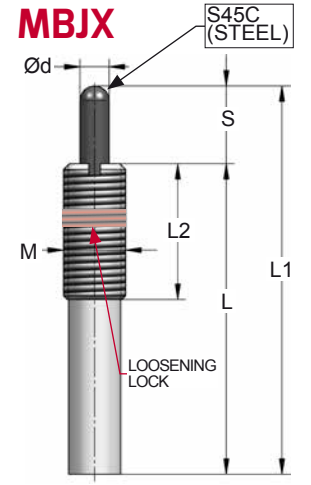
## MBJS



| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MBJS 3 001 | M3 | 1.5 | 11.5 | 10 | 10 | 1.1 | 0.05 | 0.32 | --- |
| MBJS 3 003 | M3 | 3 | 18 | 15 | 15 | 1.1 | 0.09 | 0.32 | --- |
| MBJS 4 002 | M4 | 2 | 17 | 15 | 15 | 1.6 | 0.23 | 0.65 | --- |
| MBJS 4 004 | M4 | 4 | 28 | 24 | 24 | 1.6 | 0.24 | 0.65 | --- |
| MBJS 5 003 | M5 | 3 | 23 | 20 | 20 | 2 | 0.74 | 2.95 | LPJ 1 |
| MBJS 5 005 | M5 | 5 | 32 | 27 | 27 | 2 | 0.72 | 2.95 | LPJ 1 |
| MBJS 6 003 | M6 | 3 | 28 | 25 | 25 | 2.5 | 0.85 | 3.2 | LPJ 1 |
| MBJS 6 005 | M6 | 5 | 35 | 30 | 30 | 2.5 | 0.85 | 3.2 | LPJ 1 |
| MBJS 8 003 | M8 | 3 | 28 | 25 | 25 | 3.1 | 0.9 | 3.3 | LPJ 2 |
| MBJS 8 005 | M8 | 5 | 32 | 27 | 27 | 3.1 | 0.9 | 3.3 | LPJ 2 |
| MBJS 10 005 | M10 | 5 | 35 | 30 | 30 | 3.8 | 1.9 | 4.7 | LPJ 2 |
| MBJS 10 010 | M10 | 10 | 53 | 43 | 30 | 3.8 | 1.7 | 4.7 | LPJ 2 |
| MBJS 12 005 | M12 | 5 | 35 | 30 | 30 | 5.5 | 1.5 | 4.7 | LPJ 3 |
| MBJS 12 010 | M12 | 10 | 53 | 43 | 35 | 5.5 | 1.3 | 5.9 | LPJ 3 |
| MBJS 12 015 | M12 | 15 | 66 | 51 | 35 | 5.5 | 1.6 | 5.9 | LPJ 3 |
| MBJS 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 1.7 | 12.8 | LPJ 4 |
| MBJS 16 015 | M16 | 15 | 75 | 60 | 35 | 8 | 1.7 | 12.8 | LPJ 4 |
| MBJS 16 020 | M16 | 20 | 105 | 85 | 35 | 8 | 1.7 | 12.8 | LPJ 4 |

## MBJX



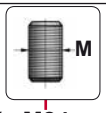





| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MBJX 3 001 | M3 | 1.5 | 16.5 | 15 | 15 | 1.1 | 2 | 5 | --- |
| MBJX 3 003 | M3 | 3 | 23 | 20 | 20 | 1.1 | 2 | 5 | --- |
| MBJX 4 002 | M4 | 2 | 26 | 24 | 24 | 1.6 | 5 | 13 | --- |
| MBJX 4 004 | M4 | 4 | 28 | 24 | 24 | 1.6 | 5 | 13 | --- |
| MBJX 5 003 | M5 | 3 | 30 | 27 | 27 | 2 | 9 | 25 | LPJ 1 |
| MBJX 5 005 | M5 | 5 | 44 | 39 | 39 | 2 | 9 | 25 | LPJ 1 |
| MBJX 6 003 | M6 | 3 | 33 | 30 | 30 | 2.5 | 14 | 39 | LPJ 1 |
| MBJX 6 005 | M6 | 5 | 41 | 36 | 36 | 2.5 | 14 | 39 | LPJ 1 |
| MBJX 8 003 | M8 | 3 | 30 | 27 | 27 | 3.1 | 15 | 41 | LPJ 2 |
| MBJX 8 005 | M8 | 5 | 40 | 35 | 30 | 3.1 | 15 | 41 | LPJ 2 |
| MBJX 10 005 | M10 | 5 | 40 | 35 | 30 | 3.8 | 16 | 63 | LPJ 2 |
| MBJX 10 010 | M10 | 10 | 63 | 53 | 30 | 3.8 | 13 | 63 | LPJ 2 |
| MBJX 12 005 | M12 | 5 | 48 | 43 | 35 | 5.5 | 37 | 98 | LPJ 3 |
| MBJX 12 010 | M12 | 10 | 68 | 58 | 35 | 5.5 | 15 | 98 | LPJ 3 |
| MBJX 12 015 | M12 | 15 | 93 | 78 | 35 | 5.5 | 15 | 98 | LPJ 3 |
| MBJX 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 24 | 147 | LPJ 4 |
| MBJX 16 015 | M16 | 15 | 85 | 70 | 35 | 8 | 22 | 147 | LPJ 4 |
| MBJX 16 020 | M16 | 20 | 110 | 90 | 35 | 8 | 13 | 147 | LPJ 4 |
| MBJX 16 030 | M16 | 30 | 155 | 125 | 35 | 8 | 20 | 147 | LPJ 4 |
| MBJX 20 015 | M20 | 15 | 95 | 80 | 45 | 10 | 13 | 250 | LPJ 5 |
| MBJX 24 015 | M24 | 15 | 99 | 84 | 45 | 10 | 25 | 314 | LPJ 5 |

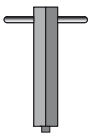


| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




MBJX M24 15

MBJX 24 015

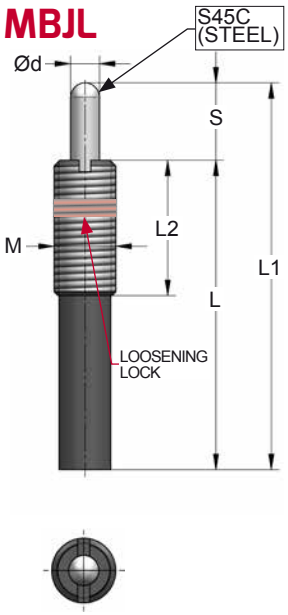


LPJ _ _

AZOL GAS

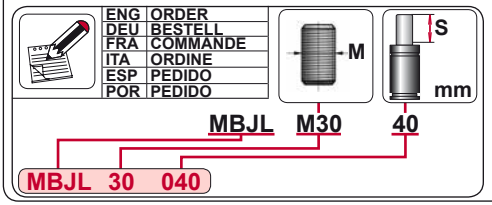
# MBJL
Spring Plungers

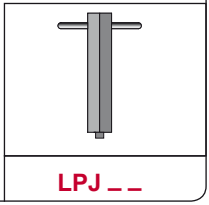
## MBJL




| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MBJL 3 001 | M3 | 1.5 | 11.5 | 10 | 10 | 1.1 | 0.5 | 1 | --- |
| MBJL 3 003 | M3 | 3 | 18 | 15 | 15 | 1.1 | 0.3 | 1 | --- |
| MBJL 4 002 | M4 | 2 | 17 | 15 | 15 | 1.6 | 1 | 2 | --- |
| MBJL 4 004 | M4 | 4 | 28 | 24 | 24 | 1.6 | 0.6 | 2 | --- |
| MBJL 5 003 | M5 | 3 | 23 | 20 | 20 | 2 | 2 | 10 | LPJ 1 |
| MBJL 5 005 | M5 | 5 | 32 | 27 | 27 | 2 | 2 | 10 | LPJ 1 |
| MBJL 6 003 | M6 | 3 | 28 | 25 | 25 | 2.5 | 6 | 10 | LPJ 1 |
| MBJL 6 005 | M6 | 5 | 35 | 30 | 30 | 2.5 | 2 | 10 | LPJ 1 |
| MBJL 6 010 | M6 | 10 | 49 | 39 | 30 | 2.5 | 1.4 | 10 | LPJ 1 |
| MBJL 8 003 | M8 | 3 | 28 | 25 | 25 | 3.1 | 6 | 10 | LPJ 2 |
| MBJL 8 005 | M8 | 5 | 32 | 27 | 27 | 3.1 | 3 | 10 | LPJ 2 |
| MBJL 8 010 | M8 | 10 | 53 | 43 | 30 | 3.1 | 3 | 10 | LPJ 2 |
| MBJL 10 005 | M10 | 5 | 35 | 30 | 30 | 3.8 | 6 | 15 | LPJ 2 |
| MBJL 10 010 | M10 | 10 | 53 | 43 | 30 | 3.8 | 3 | 15 | LPJ 2 |
| MBJL 10 015 | M10 | 15 | 73 | 58 | 30 | 3.8 | 3 | 15 | LPJ 2 |
| MBJL 12 005 | M12 | 5 | 35 | 30 | 30 | 5.5 | 6 | 15 | LPJ 3 |
| MBJL 12 010 | M12 | 10 | 53 | 43 | 35 | 5.5 | 3 | 20 | LPJ 3 |
| MBJL 12 015 | M12 | 15 | 66 | 51 | 35 | 5.5 | 3 | 20 | LPJ 3 |
| MBJL 12 020 | M12 | 20 | 98 | 78 | 35 | 5.5 | 3.5 | 20 | LPJ 3 |
| MBJL 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 6 | 40 | LPJ 4 |
| MBJL 16 015 | M16 | 15 | 75 | 60 | 35 | 8 | 4 | 40 | LPJ 4 |
| MBJL 16 020 | M16 | 20 | 105 | 85 | 35 | 8 | 5 | 40 | LPJ 4 |
| MBJL 16 030 | M16 | 30 | 155 | 125 | 35 | 8 | 3 | 40 | LPJ 4 |
| MBJL 16 040 | M16 | 40 | 165 | 125 | 35 | 8 | 5 | 40 | LPJ 4 |
| MBJL 16 050 | M16 | 50 | 205 | 155 | 35 | 8 | 20 | 50 | LPJ 4 |
| MBJL 16 060 | M16 | 60 | 219 | 159 | 35 | 8 | 3 | 50 | LPJ 4 |
| MBJL 16 070 | M16 | 70 | 255 | 185 | 35 | 8 | 3.5 | 50 | LPJ 4 |
| MBJL 16 080 | M16 | 80 | 265 | 185 | 35 | 8 | 20 | 50 | LPJ 4 |
| MBJL 20 015 | M20 | 15 | 75 | 60 | 45 | 10 | 13 | 80 | LPJ 5 |
| MBJL 20 020 | M20 | 20 | 92 | 72 | 45 | 10 | 12 | 80 | LPJ 5 |
| MBJL 20 030 | M20 | 30 | 126 | 96 | 45 | 10 | 12 | 80 | LPJ 5 |
| MBJL 20 040 | M20 | 40 | 160 | 120 | 45 | 10 | 12 | 80 | LPJ 5 |
| MBJL 24 007 | M24 | 7 | 67 | 60 | 45 | 10 | 20 | 98 | LPJ 5 |
| MBJL 24 015 | M24 | 15 | 75 | 60 | 45 | 10 | 20 | 98 | LPJ 5 |
| MBJL 24 020 | M24 | 20 | 95 | 75 | 45 | 10 | 18 | 98 | LPJ 5 |
| MBJL 24 030 | M24 | 30 | 130 | 100 | 45 | 10 | 18 | 98 | LPJ 5 |
| MBJL 24 040 | M24 | 40 | 164 | 124 | 45 | 10 | 18 | 98 | LPJ 5 |
| MBJL 30 015 | M30 | 15 | 81 | 66 | 45 | 14 | 28 | 118 | LPJ 6 |
| MBJL 30 020 | M30 | 20 | 98 | 78 | 45 | 14 | 28 | 118 | LPJ 6 |
| MBJL 30 030 | M30 | 30 | 130 | 100 | 45 | 14 | 28 | 118 | LPJ 6 |
| MBJL 30 040 | M30 | 40 | 163 | 123 | 45 | 14 | 28 | 118 | LPJ 6 |





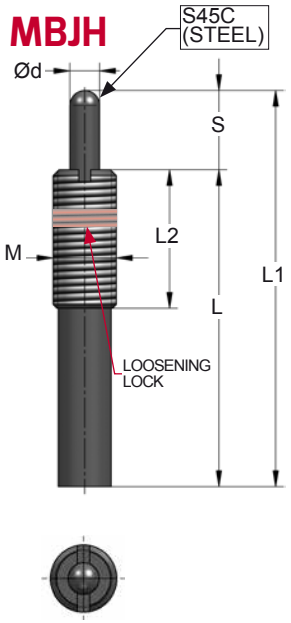



# MBJH

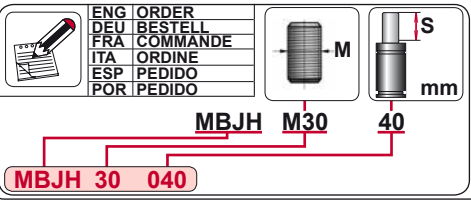
*Spring Plungers*

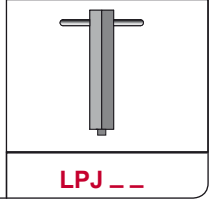
AZOL GAS

## MBJH




| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MBJH 3 001 | M3 | 1.5 | 11.5 | 10 | 10 | 1.1 | 0.8 | 3 | --- |
| MBJH 3 003 | M3 | 3 | 18 | 15 | 15 | 1.1 | 0.8 | 3 | --- |
| MBJH 4 002 | M4 | 2 | 17 | 15 | 15 | 1.6 | 3 | 9 | --- |
| MBJH 4 004 | M4 | 4 | 28 | 24 | 24 | 1.6 | 2 | 9 | --- |
| MBJH 5 003 | M5 | 3 | 23 | 20 | 20 | 2 | 5 | 20 | LPJ 1 |
| MBJH 5 005 | M5 | 5 | 32 | 27 | 27 | 2 | 3 | 20 | LPJ 1 |
| MBJH 6 003 | M6 | 3 | 28 | 25 | 25 | 2.5 | 8 | 30 | LPJ 1 |
| MBJH 6 005 | M6 | 5 | 35 | 30 | 30 | 2.5 | 5 | 30 | LPJ 1 |
| MBJH 6 010 | M6 | 10 | 49 | 39 | 30 | 2.5 | 5 | 28 | LPJ 1 |
| MBJH 8 003 | M8 | 3 | 28 | 25 | 25 | 3.1 | 15 | 30 | LPJ 2 |
| MBJH 8 005 | M8 | 5 | 32 | 27 | 27 | 3.1 | 8 | 30 | LPJ 2 |
| MBJH 8 010 | M8 | 10 | 53 | 43 | 30 | 3.1 | 7 | 30 | LPJ 2 |
| MBJH 10 005 | M10 | 5 | 35 | 30 | 30 | 3.8 | 9 | 50 | LPJ 2 |
| MBJH 10 010 | M10 | 10 | 53 | 43 | 30 | 3.8 | 8 | 50 | LPJ 2 |
| MBJH 10 015 | M10 | 15 | 73 | 58 | 30 | 3.8 | 6 | 50 | LPJ 2 |
| MBJH 12 005 | M12 | 5 | 35 | 30 | 30 | 5.5 | 19 | 50 | LPJ 3 |
| MBJH 12 010 | M12 | 10 | 53 | 43 | 35 | 5.5 | 8 | 50 | LPJ 3 |
| MBJH 12 015 | M12 | 15 | 66 | 51 | 35 | 5.5 | 5 | 50 | LPJ 3 |
| MBJH 12 020 | M12 | 20 | 98 | 78 | 35 | 5.5 | 7 | 50 | LPJ 3 |
| MBJH 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 13 | 80 | LPJ 4 |
| MBJH 16 015 | M16 | 15 | 75 | 60 | 35 | 8 | 13 | 80 | LPJ 4 |
| MBJH 16 020 | M16 | 20 | 105 | 85 | 35 | 8 | 10 | 80 | LPJ 4 |
| MBJH 16 030 | M16 | 30 | 155 | 125 | 35 | 8 | 7 | 80 | LPJ 4 |
| MBJH 16 040 | M16 | 40 | 165 | 125 | 35 | 8 | 7 | 80 | LPJ 4 |
| MBJH 16 050 | M16 | 50 | 205 | 155 | 35 | 8 | 30 | 80 | LPJ 4 |
| MBJH 16 060 | M16 | 60 | 219 | 159 | 35 | 8 | 4 | 80 | LPJ 4 |
| MBJH 16 070 | M16 | 70 | 255 | 185 | 35 | 8 | 5,6 | 80 | LPJ 4 |
| MBJH 16 080 | M16 | 80 | 265 | 185 | 35 | 8 | 30 | 95 | LPJ 4 |
| MBJH 20 015 | M20 | 15 | 75 | 60 | 45 | 10 | 25 | 150 | LPJ 5 |
| MBJH 20 020 | M20 | 20 | 92 | 72 | 45 | 10 | 23 | 150 | LPJ 5 |
| MBJH 20 030 | M20 | 30 | 126 | 96 | 45 | 10 | 23 | 150 | LPJ 5 |
| MBJH 20 040 | M20 | 40 | 160 | 120 | 45 | 10 | 23 | 150 | LPJ 5 |
| MBJH 24 007 | M24 | 7 | 67 | 60 | 45 | 10 | 44 | 196 | LPJ 5 |
| MBJH 24 015 | M24 | 15 | 75 | 60 | 45 | 10 | 47 | 216 | LPJ 5 |
| MBJH 24 020 | M24 | 20 | 95 | 75 | 45 | 10 | 44 | 216 | LPJ 5 |
| MBJH 24 030 | M24 | 30 | 130 | 100 | 45 | 10 | 44 | 216 | LPJ 5 |
| MBJH 24 040 | M24 | 40 | 164 | 124 | 45 | 10 | 44 | 216 | LPJ 5 |
| MBJH 30 015 | M30 | 15 | 81 | 66 | 45 | 14 | 44 | 275 | LPJ 6 |
| MBJH 30 020 | M30 | 20 | 98 | 78 | 45 | 14 | 53 | 275 | LPJ 6 |
| MBJH 30 030 | M30 | 30 | 130 | 100 | 45 | 14 | 45 | 275 | LPJ 6 |
| MBJH 30 040 | M30 | 40 | 163 | 123 | 45 | 14 | 47 | 275 | LPJ 6 |



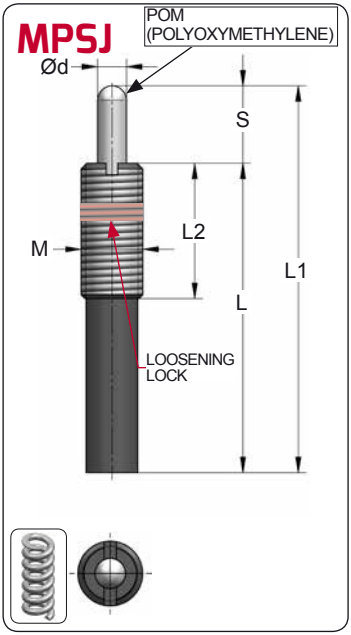



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# MPSJ / MPLJ

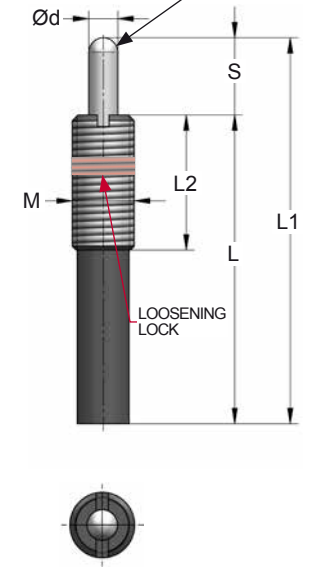
*Spring Plungers*

## MPSJ



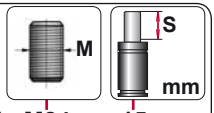

| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MPSJ 3 001 | M3 | 1.5 | 11.5 | 10 | 10 | 1.1 | 0.05 | 0.32 | --- |
| MPSJ 3 003 | M3 | 3 | 18 | 15 | 15 | 1.1 | 0.09 | 0.32 | --- |
| MPSJ 4 002 | M4 | 2 | 17 | 15 | 15 | 1.6 | 0.23 | 0.65 | --- |
| MPSJ 4 004 | M4 | 4 | 28 | 24 | 24 | 1.6 | 0.24 | 0.65 | --- |
| MPSJ 5 003 | M5 | 3 | 23 | 20 | 20 | 2 | 0.74 | 2.95 | LPJ 1 |
| MPSJ 5 005 | M5 | 5 | 32 | 27 | 27 | 2 | 0.72 | 2.95 | LPJ 1 |
| MPSJ 6 003 | M6 | 3 | 28 | 25 | 25 | 2.5 | 0.85 | 3.2 | LPJ 1 |
| MPSJ 6 005 | M6 | 5 | 35 | 30 | 30 | 2.5 | 0.85 | 3.2 | LPJ 1 |
| MPSJ 8 003 | M8 | 3 | 28 | 25 | 25 | 3.1 | 0.9 | 3.3 | LPJ 2 |
| MPSJ 8 005 | M8 | 5 | 32 | 27 | 27 | 3.1 | 0.9 | 3.3 | LPJ 2 |
| MPSJ 10 005 | M10 | 5 | 35 | 30 | 30 | 3.8 | 1.9 | 4.7 | LPJ 2 |
| MPSJ 10 010 | M10 | 10 | 53 | 43 | 30 | 3.8 | 1.7 | 4.7 | LPJ 2 |
| MPSJ 12 005 | M12 | 5 | 35 | 30 | 30 | 5.5 | 1.5 | 4.7 | LPJ 3 |
| MPSJ 12 010 | M12 | 10 | 53 | 43 | 35 | 5.5 | 1.3 | 5.9 | LPJ 3 |
| MPSJ 12 015 | M12 | 15 | 66 | 51 | 35 | 5.5 | 1.6 | 5.9 | LPJ 3 |
| MPSJ 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 1.7 | 12.8 | LPJ 4 |
| MPSJ 16 015 | M16 | 15 | 75 | 60 | 35 | 8 | 1.7 | 12.8 | LPJ 4 |
| MPSJ 16 020 | M16 | 20 | 105 | 85 | 35 | 8 | 1.7 | 12.8 | LPJ 4 |

## MPLJ



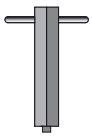

| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MPLJ 3 001 | M3 | 1.5 | 11.5 | 10 | 10 | 1.1 | 0.5 | 1 | --- |
| MPLJ 3 003 | M3 | 3 | 18 | 15 | 15 | 1.1 | 0.3 | 1 | --- |
| MPLJ 4 002 | M4 | 2 | 17 | 15 | 15 | 1.6 | 1 | 2 | --- |
| MPLJ 4 004 | M4 | 4 | 28 | 24 | 24 | 1.6 | 0.6 | 2 | --- |
| MPLJ 5 003 | M5 | 3 | 23 | 20 | 20 | 2 | 2 | 10 | LPJ 1 |
| MPLJ 5 005 | M5 | 5 | 32 | 27 | 27 | 2 | 2 | 10 | LPJ 1 |
| MPLJ 6 003 | M6 | 3 | 28 | 25 | 25 | 2.5 | 6 | 10 | LPJ 1 |
| MPLJ 6 005 | M6 | 5 | 35 | 30 | 30 | 2.5 | 2 | 10 | LPJ 1 |
| MPLJ 8 003 | M8 | 3 | 28 | 25 | 25 | 3.1 | 6 | 10 | LPJ 2 |
| MPLJ 8 005 | M8 | 5 | 32 | 27 | 27 | 3.1 | 3 | 10 | LPJ 2 |
| MPLJ 10 005 | M10 | 5 | 35 | 30 | 30 | 3.8 | 6 | 15 | LPJ 2 |
| MPLJ 10 010 | M10 | 10 | 53 | 43 | 30 | 3.8 | 3 | 15 | LPJ 2 |
| MPLJ 12 005 | M12 | 5 | 35 | 30 | 30 | 5.5 | 6 | 15 | LPJ 3 |
| MPLJ 12 010 | M12 | 10 | 53 | 43 | 35 | 5.5 | 3 | 20 | LPJ 3 |
| MPLJ 12 015 | M12 | 15 | 66 | 51 | 35 | 5.5 | 3 | 20 | LPJ 3 |
| MPLJ 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 6 | 40 | LPJ 4 |
| MPLJ 16 015 | M16 | 15 | 75 | 60 | 35 | 8 | 4 | 40 | LPJ 4 |
| MPLJ 16 020 | M16 | 20 | 105 | 85 | 35 | 8 | 5 | 40 | LPJ 4 |
| MPLJ 16 030 | M16 | 30 | 155 | 125 | 35 | 8 | 3 | 40 | LPJ 4 |
| MPLJ 20 015 | M20 | 15 | 75 | 60 | 45 | 10 | 13 | 80 | LPJ 5 |
| MPLJ 24 015 | M24 | 15 | 75 | 60 | 45 | 10 | 20 | 98 | LPJ 5 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




MPLJ M24 15

MPLJ 24 015



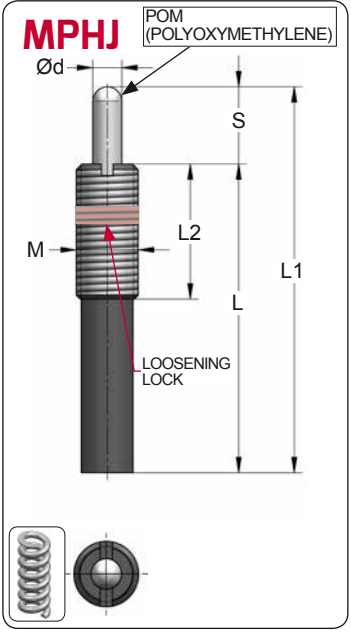
LPJ _ _

# MPHJ / MPXJ

*Spring Plungers*

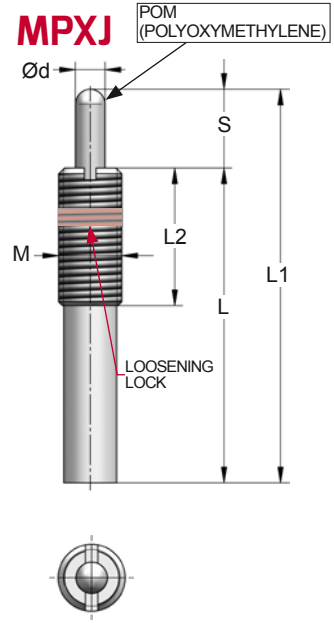
AZOL GAS

## MPHJ



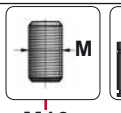

| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MPHJ 3 001 | M3 | 1.5 | 11.5 | 10 | 10 | 1.1 | 0.8 | 3 | --- |
| MPHJ 3 003 | M3 | 3 | 18 | 15 | 15 | 1.1 | 0.8 | 3 | --- |
| MPHJ 4 002 | M4 | 2 | 17 | 15 | 15 | 1.6 | 3 | 9 | --- |
| MPHJ 4 004 | M4 | 4 | 28 | 24 | 24 | 1.6 | 2 | 9 | --- |
| MPHJ 5 003 | M5 | 3 | 23 | 20 | 20 | 2 | 5 | 20 | LPJ 1 |
| MPHJ 5 005 | M5 | 5 | 32 | 27 | 27 | 2 | 3 | 20 | LPJ 1 |
| MPHJ 6 003 | M6 | 3 | 28 | 25 | 25 | 2.5 | 8 | 30 | LPJ 1 |
| MPHJ 6 005 | M6 | 5 | 35 | 30 | 30 | 2.5 | 5 | 30 | LPJ 1 |
| MPHJ 8 003 | M8 | 3 | 28 | 25 | 25 | 3.1 | 15 | 30 | LPJ 2 |
| MPHJ 8 005 | M8 | 5 | 32 | 27 | 27 | 3.1 | 8 | 30 | LPJ 2 |
| MPHJ 10 005 | M10 | 5 | 35 | 30 | 30 | 3.8 | 9 | 50 | LPJ 2 |
| MPHJ 10 010 | M10 | 10 | 53 | 43 | 30 | 3.8 | 8 | 50 | LPJ 2 |
| MPHJ 12 005 | M12 | 5 | 35 | 30 | 30 | 5.5 | 19 | 50 | LPJ 3 |
| MPHJ 12 010 | M12 | 10 | 53 | 43 | 35 | 5.5 | 8 | 50 | LPJ 3 |
| MPHJ 12 015 | M12 | 15 | 66 | 51 | 35 | 5.5 | 5 | 50 | LPJ 3 |
| MPHJ 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 13 | 80 | LPJ 4 |
| MPHJ 16 015 | M16 | 15 | 75 | 60 | 35 | 8 | 13 | 80 | LPJ 4 |
| MPHJ 16 020 | M16 | 20 | 105 | 85 | 35 | 8 | 10 | 80 | LPJ 4 |
| MPHJ 16 030 | M16 | 30 | 155 | 125 | 35 | 8 | 7 | 80 | LPJ 4 |
| MPHJ 20 015 | M20 | 15 | 75 | 60 | 45 | 10 | 25 | 150 | LPJ 5 |
| MPHJ 24 015 | M24 | 15 | 75 | 60 | 45 | 10 | 47 | 216 | LPJ 5 |

## MPXJ



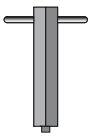

| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MPXJ 3 001 | M3 | 1.5 | 16.5 | 15 | 15 | 1.1 | 2 | 5 | --- |
| MPXJ 3 003 | M3 | 3 | 23 | 20 | 20 | 1.1 | 2 | 5 | --- |
| MPXJ 4 002 | M4 | 2 | 26 | 24 | 24 | 1.6 | 5 | 13 | --- |
| MPXJ 4 004 | M4 | 4 | 28 | 24 | 24 | 1.6 | 5 | 13 | --- |
| MPXJ 5 003 | M5 | 3 | 30 | 27 | 27 | 2 | 9 | 25 | LPJ 1 |
| MPXJ 5 005 | M5 | 5 | 44 | 39 | 39 | 2 | 9 | 25 | LPJ 1 |
| MPXJ 6 003 | M6 | 3 | 33 | 30 | 30 | 2.5 | 14 | 39 | LPJ 1 |
| MPXJ 6 005 | M6 | 5 | 41 | 36 | 36 | 2.5 | 14 | 39 | LPJ 1 |
| MPXJ 8 003 | M8 | 3 | 30 | 27 | 27 | 3.1 | 15 | 41 | LPJ 2 |
| MPXJ 8 005 | M8 | 5 | 40 | 35 | 30 | 3.1 | 15 | 41 | LPJ 2 |
| MPXJ 10 005 | M10 | 5 | 40 | 35 | 30 | 3.8 | 16 | 63 | LPJ 2 |
| MPXJ 10 010 | M10 | 10 | 63 | 53 | 30 | 3.8 | 13 | 63 | LPJ 2 |
| MPXJ 12 005 | M12 | 5 | 48 | 43 | 35 | 5.5 | 37 | 98 | LPJ 3 |
| MPXJ 12 010 | M12 | 10 | 68 | 58 | 35 | 5.5 | 15 | 98 | LPJ 3 |
| MPXJ 12 015 | M12 | 15 | 93 | 78 | 35 | 5.5 | 15 | 98 | LPJ 3 |
| MPXJ 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 24 | 147 | LPJ 4 |
| MPXJ 16 015 | M16 | 15 | 85 | 70 | 35 | 8 | 22 | 147 | LPJ 4 |
| MPXJ 16 020 | M16 | 20 | 110 | 90 | 35 | 8 | 13 | 147 | LPJ 4 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




MPXJ M16 20

MPXJ 16 020



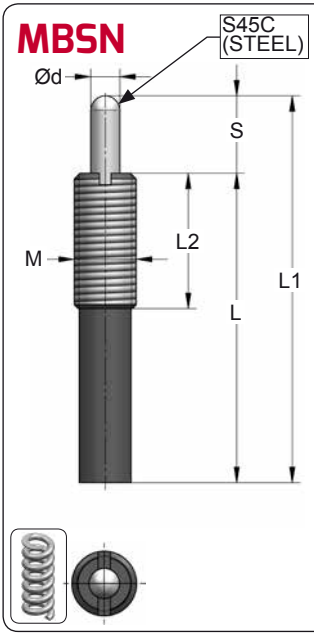
LPJ _ _

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# MBSN / MBLN

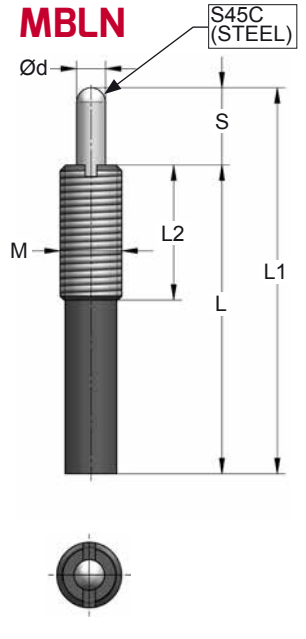
*Spring Plungers*

## MBSN

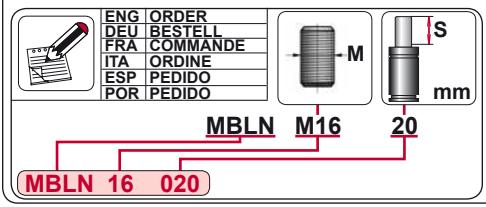



| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MBSN 5 003 | M5 | 3 | 23 | 20 | 20 | 2 | 0.74 | 2.95 | LPJ 1 |
| MBSN 5 005 | M5 | 5 | 32 | 27 | 27 | 2 | 0.72 | 2.95 | LPJ 1 |
| MBSN 6 003 | M6 | 3 | 28 | 25 | 25 | 2.5 | 0.85 | 3.2 | LPJ 1 |
| MBSN 6 005 | M6 | 5 | 35 | 30 | 30 | 2.5 | 0.85 | 3.2 | LPJ 1 |
| MBSN 8 003 | M8 | 3 | 28 | 25 | 25 | 3.1 | 0.9 | 3.3 | LPJ 2 |
| MBSN 8 005 | M8 | 5 | 32 | 27 | 27 | 3.1 | 0.9 | 3.3 | LPJ 2 |
| MBSN 10 005 | M10 | 5 | 35 | 30 | 30 | 3.8 | 1.9 | 4.7 | LPJ 2 |
| MBSN 10 010 | M10 | 10 | 53 | 43 | 30 | 3.8 | 1.7 | 4.7 | LPJ 2 |
| MBSN 12 005 | M12 | 5 | 35 | 30 | 30 | 5.5 | 1.5 | 4.7 | LPJ 3 |
| MBSN 12 010 | M12 | 10 | 53 | 43 | 35 | 5.5 | 1.3 | 5.9 | LPJ 3 |
| MBSN 12 015 | M12 | 15 | 66 | 51 | 35 | 5.5 | 1.6 | 5.9 | LPJ 3 |
| MBSN 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 1.7 | 12.8 | LPJ 4 |
| MBSN 16 015 | M16 | 15 | 75 | 60 | 35 | 8 | 1.7 | 12.8 | LPJ 4 |
| MBSN 16 020 | M16 | 20 | 105 | 85 | 35 | 8 | 1.7 | 12.8 | LPJ 4 |

## MBLN




| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MBLN 5 003 | M5 | 3 | 23 | 20 | 20 | 2 | 2 | 10 | LPJ 1 |
| MBLN 5 005 | M5 | 5 | 32 | 27 | 27 | 2 | 2 | 10 | LPJ 1 |
| MBLN 6 003 | M6 | 3 | 28 | 25 | 25 | 2.5 | 6 | 10 | LPJ 1 |
| MBLN 6 005 | M6 | 5 | 35 | 30 | 30 | 2.5 | 2 | 10 | LPJ 1 |
| MBLN 8 003 | M8 | 3 | 28 | 25 | 25 | 3.1 | 6 | 10 | LPJ 2 |
| MBLN 8 005 | M8 | 5 | 32 | 27 | 27 | 3.1 | 3 | 10 | LPJ 2 |
| MBLN 10 005 | M10 | 5 | 35 | 30 | 30 | 3.8 | 6 | 15 | LPJ 2 |
| MBLN 10 010 | M10 | 10 | 53 | 43 | 30 | 3.8 | 3 | 15 | LPJ 2 |
| MBLN 12 005 | M12 | 5 | 35 | 30 | 30 | 5.5 | 6 | 15 | LPJ 3 |
| MBLN 12 010 | M12 | 10 | 53 | 43 | 35 | 5.5 | 3 | 20 | LPJ 3 |
| MBLN 12 015 | M12 | 15 | 66 | 51 | 35 | 5.5 | 3 | 20 | LPJ 3 |
| MBLN 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 6 | 40 | LPJ 4 |
| MBLN 16 015 | M16 | 15 | 75 | 60 | 35 | 8 | 4 | 40 | LPJ 4 |
| MBLN 16 020 | M16 | 20 | 105 | 85 | 35 | 8 | 5 | 40 | LPJ 4 |

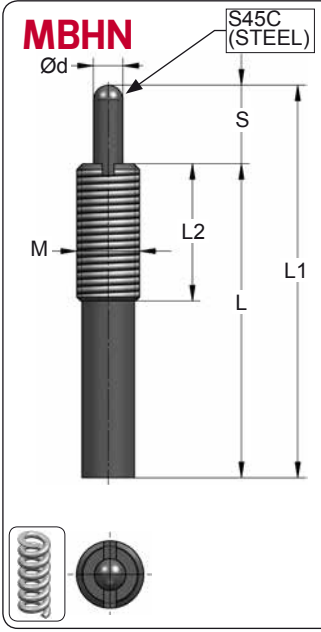


# MBHN / MBXN

*Spring Plungers*

AZOL GAS

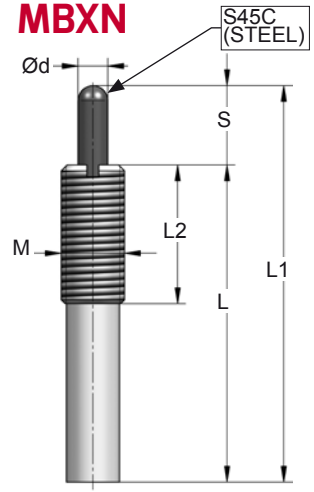
## MBHN



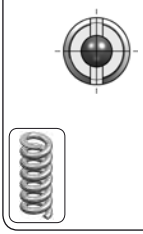

| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MBHN 5 003 | M5 | 3 | 23 | 20 | 20 | 2 | 5 | 20 | LPJ 1 |
| MBHN 5 005 | M5 | 5 | 32 | 27 | 27 | 2 | 3 | 20 | LPJ 1 |
| MBHN 6 003 | M6 | 3 | 28 | 25 | 25 | 2.5 | 8 | 30 | LPJ 1 |
| MBHN 6 005 | M6 | 5 | 35 | 30 | 30 | 2.5 | 5 | 30 | LPJ 1 |
| MBHN 8 003 | M8 | 3 | 28 | 25 | 25 | 3.1 | 15 | 30 | LPJ 2 |
| MBHN 8 005 | M8 | 5 | 32 | 27 | 27 | 3.1 | 8 | 30 | LPJ 2 |
| MBHN 10 005 | M10 | 5 | 35 | 30 | 30 | 3.8 | 9 | 50 | LPJ 2 |
| MBHN 10 010 | M10 | 10 | 53 | 43 | 30 | 3.8 | 8 | 50 | LPJ 2 |
| MBHN 12 005 | M12 | 5 | 35 | 30 | 30 | 5.5 | 19 | 50 | LPJ 3 |
| MBHN 12 010 | M12 | 10 | 53 | 43 | 35 | 5.5 | 8 | 50 | LPJ 3 |
| MBHN 12 015 | M12 | 15 | 66 | 51 | 35 | 5.5 | 5 | 50 | LPJ 3 |
| MBHN 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 13 | 80 | LPJ 4 |
| MBHN 16 015 | M16 | 15 | 75 | 60 | 35 | 8 | 13 | 80 | LPJ 4 |
| MBHN 16 020 | M16 | 20 | 105 | 85 | 35 | 8 | 10 | 80 | LPJ 4 |



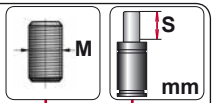
## MBXN




| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MBXN 5 003 | M5 | 3 | 30 | 27 | 27 | 2 | 9 | 25 | LPJ 1 |
| MBXN 5 005 | M5 | 5 | 44 | 39 | 39 | 2 | 9 | 25 | LPJ 1 |
| MBXN 6 003 | M6 | 3 | 33 | 30 | 30 | 2.5 | 14 | 39 | LPJ 1 |
| MBXN 6 005 | M6 | 5 | 41 | 36 | 36 | 2.5 | 14 | 39 | LPJ 1 |
| MBXN 8 003 | M8 | 3 | 30 | 27 | 27 | 3.1 | 15 | 41 | LPJ 2 |
| MBXN 8 005 | M8 | 5 | 40 | 35 | 30 | 3.1 | 15 | 41 | LPJ 2 |
| MBXN 10 005 | M10 | 5 | 40 | 35 | 30 | 3.8 | 16 | 63 | LPJ 2 |
| MBXN 10 010 | M10 | 10 | 63 | 53 | 30 | 3.8 | 13 | 63 | LPJ 2 |
| MBXN 12 005 | M12 | 5 | 48 | 43 | 35 | 5.5 | 37 | 98 | LPJ 3 |
| MBXN 12 010 | M12 | 10 | 68 | 58 | 35 | 5.5 | 15 | 98 | LPJ 3 |
| MBXN 12 015 | M12 | 15 | 93 | 78 | 35 | 5.5 | 15 | 98 | LPJ 3 |
| MBXN 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 24 | 147 | LPJ 4 |
| MBXN 16 015 | M16 | 15 | 85 | 70 | 35 | 8 | 22 | 147 | LPJ 4 |
| MBXN 16 020 | M16 | 20 | 110 | 90 | 35 | 8 | 13 | 147 | LPJ 4 |

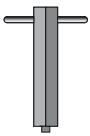


| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




MBXN M16 20

MBXN 16 020



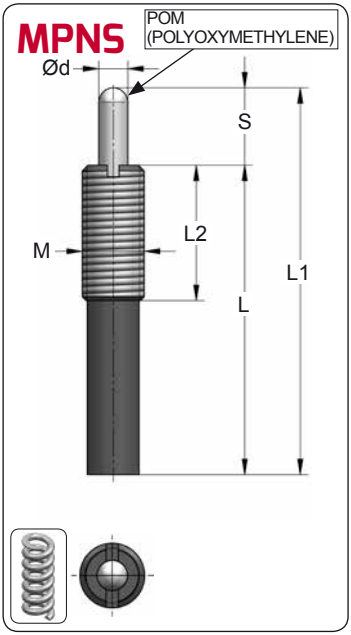
LPJ _ _

AZOL GAS

# MPNS / MPNL

*Spring Plungers*

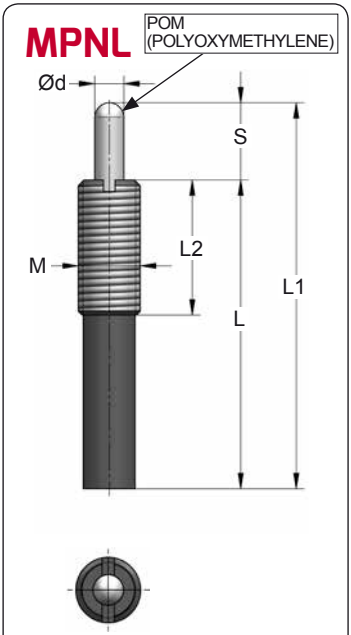
## MPNS




| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MPNS 5 003 | M5 | 3 | 23 | 20 | 20 | 2 | 0.74 | 2.95 | LPJ 1 |
| MPNS 5 005 | M5 | 5 | 32 | 27 | 27 | 2 | 0.72 | 2.95 | LPJ 1 |
| MPNS 6 003 | M6 | 3 | 28 | 25 | 25 | 2.5 | 0.85 | 3.2 | LPJ 1 |
| MPNS 6 005 | M6 | 5 | 35 | 30 | 30 | 2.5 | 0.85 | 3.2 | LPJ 1 |
| MPNS 8 003 | M8 | 3 | 28 | 25 | 25 | 3.1 | 0.9 | 3.3 | LPJ 2 |
| MPNS 8 005 | M8 | 5 | 32 | 27 | 27 | 3.1 | 0.9 | 3.3 | LPJ 2 |
| MPNS 10 005 | M10 | 5 | 35 | 30 | 30 | 3.8 | 1.9 | 4.7 | LPJ 2 |
| MPNS 10 010 | M10 | 10 | 53 | 43 | 30 | 3.8 | 1.7 | 4.7 | LPJ 2 |
| MPNS 12 005 | M12 | 5 | 35 | 30 | 30 | 5.5 | 1.5 | 4.7 | LPJ 3 |
| MPNS 12 010 | M12 | 10 | 53 | 43 | 35 | 5.5 | 1.3 | 5.9 | LPJ 3 |
| MPNS 12 015 | M12 | 15 | 66 | 51 | 35 | 5.5 | 1.6 | 5.9 | LPJ 3 |
| MPNS 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 1.7 | 12.8 | LPJ 4 |
| MPNS 16 015 | M16 | 15 | 75 | 60 | 35 | 8 | 1.7 | 12.8 | LPJ 4 |
| MPNS 16 020 | M16 | 20 | 105 | 85 | 35 | 8 | 1.7 | 12.8 | LPJ 4 |



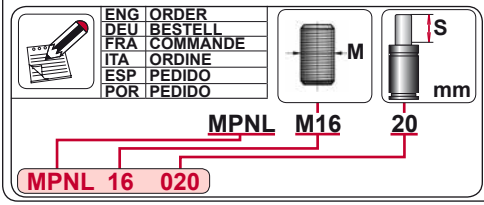
## MPNL

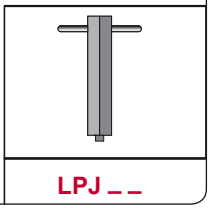



| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MPNL 5 003 | M5 | 3 | 23 | 20 | 20 | 2 | 2 | 10 | LPJ 1 |
| MPNL 5 005 | M5 | 5 | 32 | 27 | 27 | 2 | 2 | 10 | LPJ 1 |
| MPNL 6 003 | M6 | 3 | 28 | 25 | 25 | 2.5 | 6 | 10 | LPJ 1 |
| MPNL 6 005 | M6 | 5 | 35 | 30 | 30 | 2.5 | 2 | 10 | LPJ 1 |
| MPNL 8 003 | M8 | 3 | 28 | 25 | 25 | 3.1 | 6 | 10 | LPJ 2 |
| MPNL 8 005 | M8 | 5 | 32 | 27 | 27 | 3.1 | 3 | 10 | LPJ 2 |
| MPNL 10 005 | M10 | 5 | 35 | 30 | 30 | 3.8 | 6 | 15 | LPJ 2 |
| MPNL 10 010 | M10 | 10 | 53 | 43 | 30 | 3.8 | 3 | 15 | LPJ 2 |
| MPNL 12 005 | M12 | 5 | 35 | 30 | 30 | 5.5 | 6 | 15 | LPJ 3 |
| MPNL 12 010 | M12 | 10 | 53 | 43 | 35 | 5.5 | 3 | 20 | LPJ 3 |
| MPNL 12 015 | M12 | 15 | 66 | 51 | 35 | 5.5 | 3 | 20 | LPJ 3 |
| MPNL 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 6 | 40 | LPJ 4 |
| MPNL 16 015 | M16 | 15 | 75 | 60 | 35 | 8 | 4 | 40 | LPJ 4 |
| MPNL 16 020 | M16 | 20 | 105 | 85 | 35 | 8 | 5 | 40 | LPJ 4 |







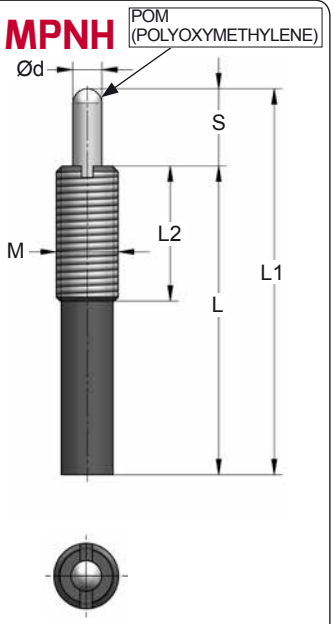



# MPNH

*Spring Plungers*

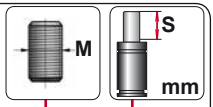
AZOL GAS

## MPNH



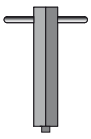

| ORDER | M | S (mm) | L1 (mm) | L (mm) | L2 (mm) | Ød (mm) | $F_0$ (N) | $F_1$ (N) | Key |
|---|---|---|---|---|---|---|---|---|---|
| MPNH 5 003 | M5 | 3 | 23 | 20 | 20 | 2 | 5 | 20 | LPJ 1 |
| MPNH 5 005 | M5 | 5 | 32 | 27 | 27 | 2 | 3 | 20 | LPJ 1 |
| MPNH 6 003 | M6 | 3 | 28 | 25 | 25 | 2.5 | 8 | 30 | LPJ 1 |
| MPNH 6 005 | M6 | 5 | 35 | 30 | 30 | 2.5 | 5 | 30 | LPJ 1 |
| MPNH 8 003 | M8 | 3 | 28 | 25 | 25 | 3.1 | 15 | 30 | LPJ 2 |
| MPNH 8 005 | M8 | 5 | 32 | 27 | 27 | 3.1 | 8 | 30 | LPJ 2 |
| MPNH 10 005 | M10 | 5 | 35 | 30 | 30 | 3.8 | 9 | 50 | LPJ 2 |
| MPNH 10 010 | M10 | 10 | 53 | 43 | 30 | 3.8 | 8 | 50 | LPJ 2 |
| MPNH 12 005 | M12 | 5 | 35 | 30 | 30 | 5.5 | 19 | 50 | LPJ 3 |
| MPNH 12 010 | M12 | 10 | 53 | 43 | 35 | 5.5 | 8 | 50 | LPJ 3 |
| MPNH 12 015 | M12 | 15 | 66 | 51 | 35 | 5.5 | 5 | 50 | LPJ 3 |
| MPNH 16 010 | M16 | 10 | 70 | 60 | 35 | 8 | 13 | 80 | LPJ 4 |
| MPNH 16 015 | M16 | 15 | 75 | 60 | 35 | 8 | 13 | 80 | LPJ 4 |
| MPNH 16 020 | M16 | 20 | 105 | 85 | 35 | 8 | 10 | 80 | LPJ 4 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




MPNH M16 20

MPNH 16 020

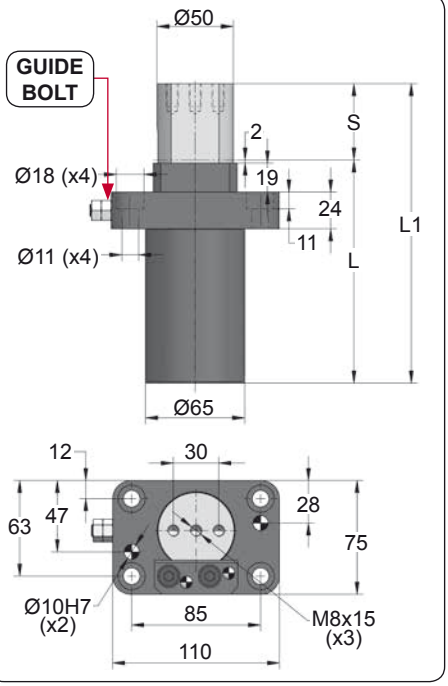


LPJ _ _

AZOL GAS

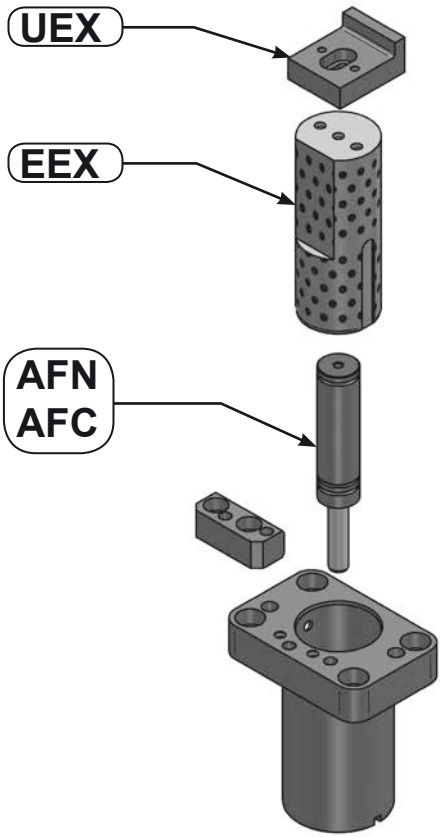
# EXU
*Flange Strippers*

AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Kg. |
|---|---|---|---|---|
| EXU ___ 050 | 50 | 196 | 146 | 4.15 |
| EXU ___ 080 | 80 | 256 | 176 | 5.01 |
| EXU ___ 100 | 100 | 296 | 196 | 5.41 |

## SPARE PARTS



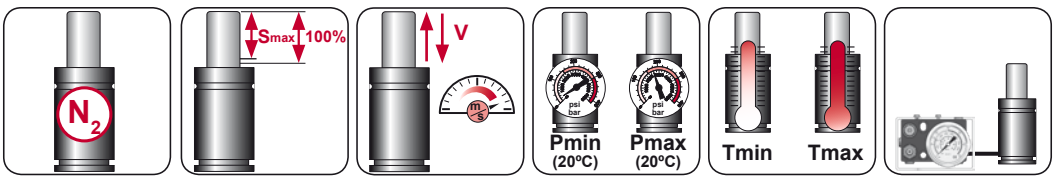

| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| EXU 50 050 | Green | 45 | 650 | 50 | 75 |
| EXU 100 050 | Blue | 90 | 1305 | 100 | 155 |
| EXU 150 050 | Red | 135 | 1960 | 150 | 230 |
| EXU 200 050 | Yellow | 180 | 2610 | 200 | 305 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

EXU 200 50

EXU 200 050

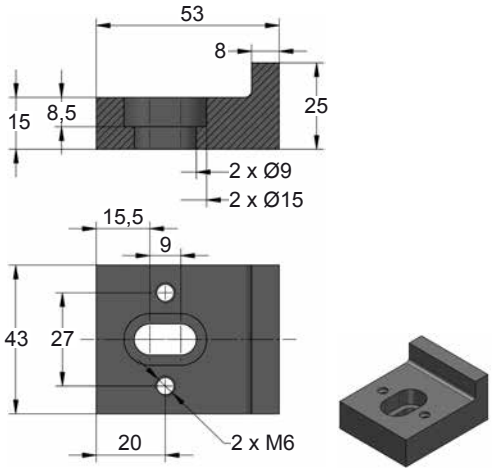



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | °C °F 0 32 | °C °F 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

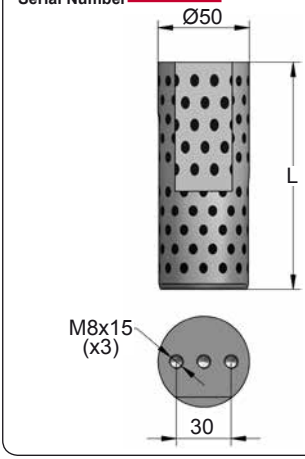
# EXU
*Flange Strippers*

## UEX



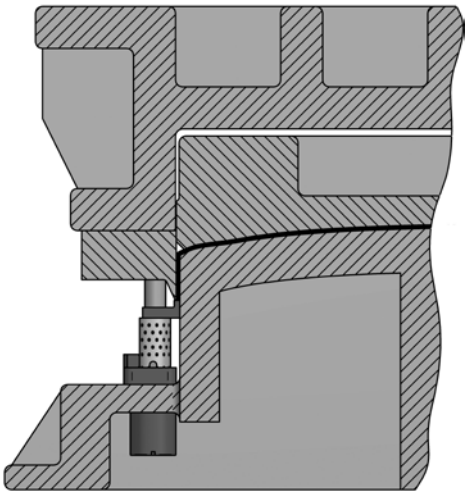

## EEX-_ _ _-

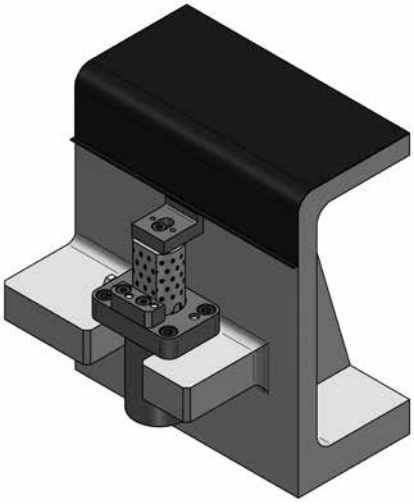
Serial Number



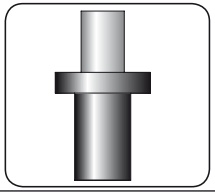

| ORDER | S (mm) | L (mm) |
|---|---|---|
| EEX-050 | 50 | 125 |
| EEX-080 | 80 | 155 |
| EEX-100 | 100 | 175 |

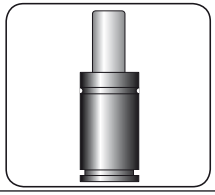


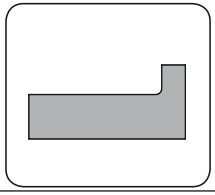


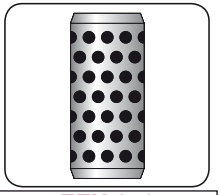










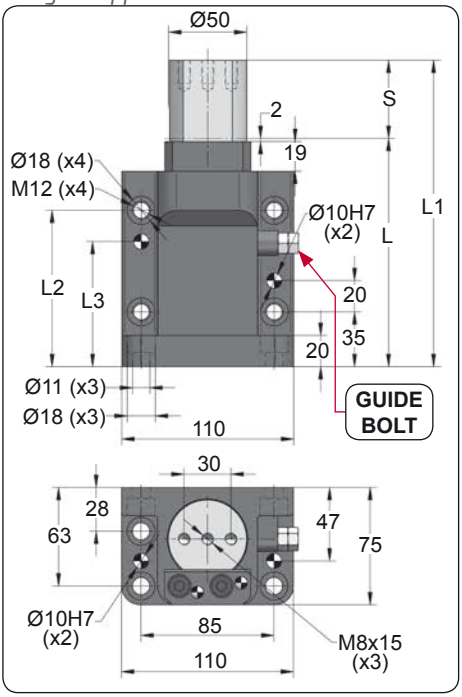


| CODE | | EXU 200 050 | AFN 200 050<br>AFC 200 100 | UEX | EEX-050-<br>Serial Number |
|---|---|---|---|---|---|
| ENG | ORDER | FLANGE STRIPPER | GAS SPRING | CAP | ROD |
| DEU | BESTELL | ABSTREIFER | GASDRUCKFEDER | ADAPTER | KOLBENSTANGE |
| FRA | COMMANDE | EXTRACTEUR | RESSORT À GAZ | LAME D´EXTRACTIEN | TIGE |
| ITA | ORDINE | ESTRATTORE | CILINDRO AD AZOTO | ADATTATORE | STELO |
| ESP | PEDIDO | EXTRACTOR | RESORTE DE GAS | UÑA | EJE |
| POR | PEDIDO | LEVANTADOR | CILINDRO DE GÁS | ADAPTADOR | HASTE |

# EXY

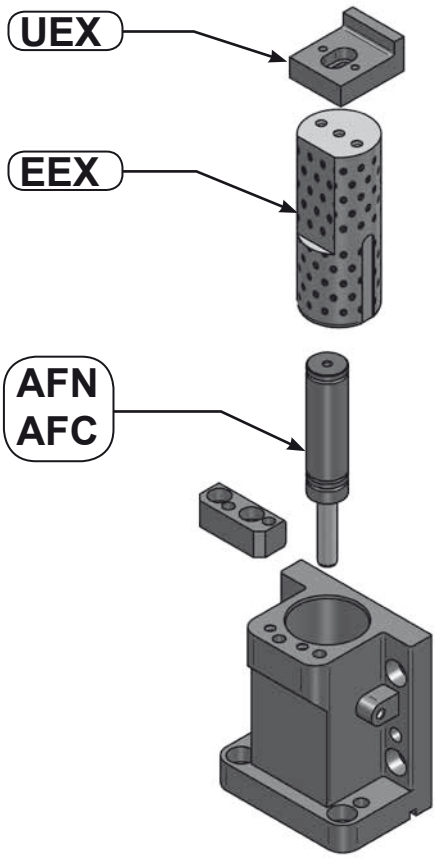
*Flange Strippers*

AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | L2 (mm) | L3 (mm) | Kg. |
|---|---|---|---|---|---|---|
| EXY ___ 050 | 50 | 196 | 146 | 100 | 80 | 5.47 |
| EXY ___ 080 | 80 | 256 | 176 | 130 | 110 | 6.83 |
| EXY ___ 100 | 100 | 296 | 196 | 150 | 130 | 7.56 |

## SPARE PARTS



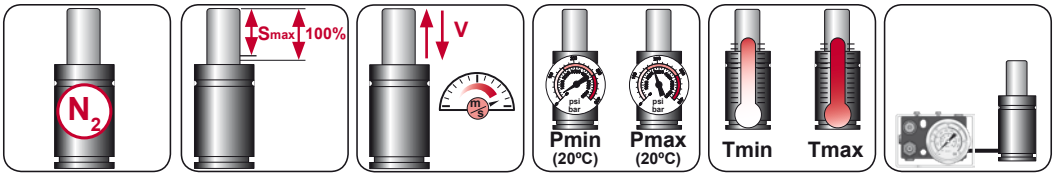

| CODE | COLOR | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| EXY 50 050 | Green | 45 | 650 | 50 | 75 |
| EXY 100 050 | Blue | 90 | 1305 | 100 | 155 |
| EXY 150 050 | Red | 135 | 1960 | 150 | 230 |
| EXY 200 050 | Yellow | 180 | 2610 | 200 | 305 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

EXY 200 50

EXY 200 050

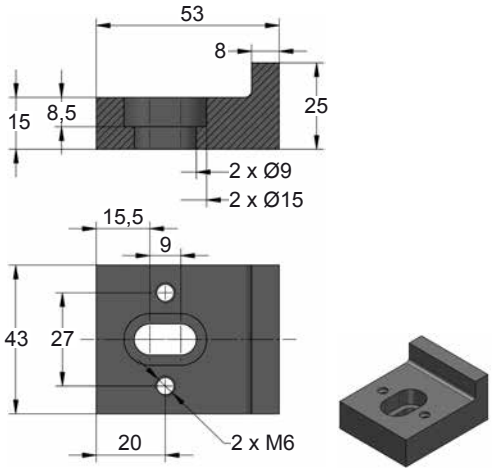



| $N_2$ | Smax < 90% | Vmax 1,6 m/s | bar psi 20 290 | bar psi 180 2610 | °C °F 0 32 | °C °F 80 176 | |
|---|---|---|---|---|---|---|---|

AZOL GAS

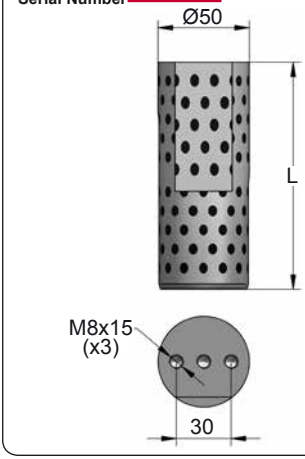
# EXY
*Flange Strippers*

## UEX



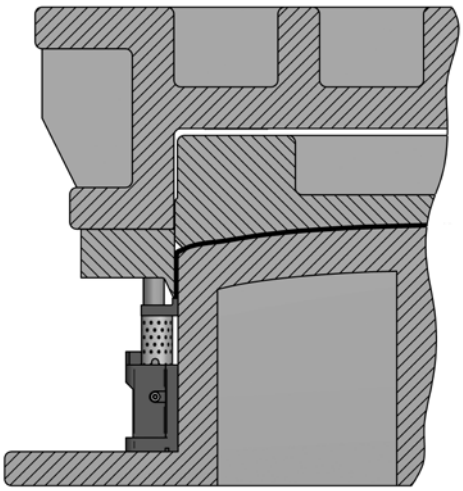

## EEX-_ _ _-

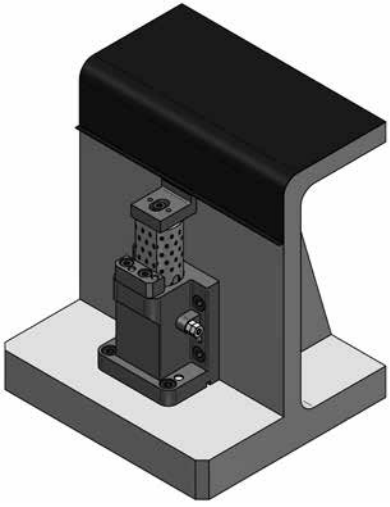
Serial Number



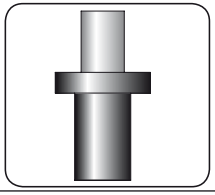

| ORDER | S (mm) | L (mm) |
|---|---|---|
| EEX-050 | 50 | 125 |
| EEX-080 | 80 | 155 |
| EEX-100 | 100 | 175 |

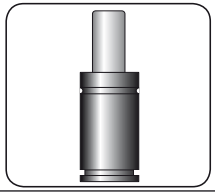


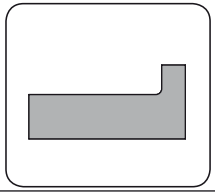


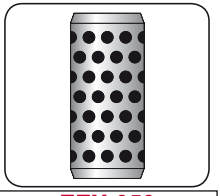










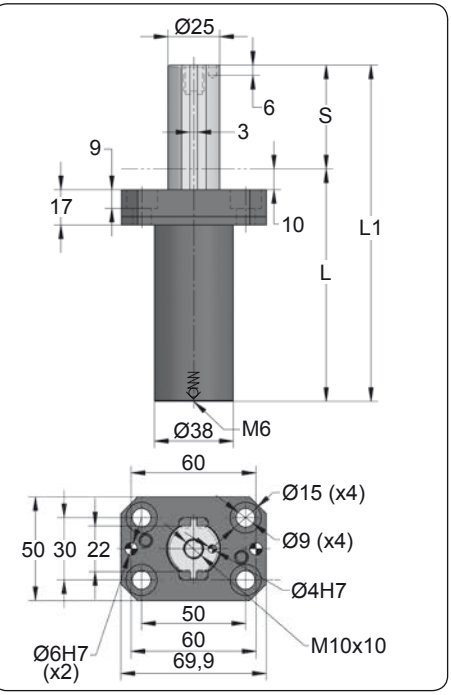


| CODE | | EXY 200 050 | AFN 200 050<br>AFC 200 100 | UEX | EEX-050-<br>Serial Number |
|---|---|---|---|---|---|
| ENG | ORDER | FLANGE STRIPPER | GAS SPRING | CAP | ROD |
| DEU | BESTELL | ABSTREIFER | GASDRUCKFEDER | ADAPTER | KOLBENSTANGE |
| FRA | COMMANDE | EXTRACTEUR | RESSORT À GAZ | LAME D´EXTRACTIEN | TIGE |
| ITA | ORDINE | ESTRATTORE | CILINDRO AD AZOTO | ADATTATORE | STELO |
| ESP | PEDIDO | EXTRACTOR | RESORTE DE GAS | UÑA | EJE |
| POR | PEDIDO | LEVANTADOR | CILINDRO DE GÁS | ADAPTADOR | HASTE |

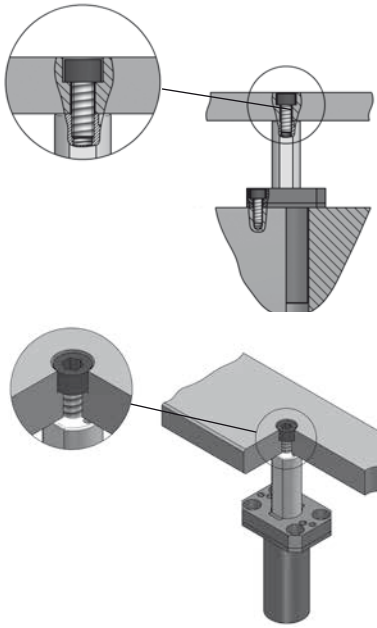
# EXDB 90 V1

*Stock Lifters*

AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Gas Spring | Kg. |
|---|---|---|---|---|---|
| EXDB 90 025 V1 | 25 | 112 | 87 | AFJ 90 025 V1 | 0.63 |
| EXDB 90 038 V1 | 38 | 138 | 100 | AFJ 90 038 V1 | 0.69 |
| EXDB 90 050 V1 | 50 | 162 | 112 | AFJ 90 050 V1 | 0.75 |
| EXDB 90 063 V1 | 63.5 | 192 | 128.5 | AFJ 90 063 V1 | 0.82 |
| EXDB 90 080 V1 | 80 | 225 | 145 | AFJ 90 080 V1 | 0.92 |
| EXDB 90 100 V1 | 100 | 265 | 165 | AFJ 90 100 V1 | 1.02 |
| EXDB 90 125 V1 | 125 | 315 | 190 | AFJ 90 125 V1 | 1.15 |



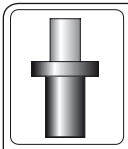
| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| EXDB 90 050 V1 | 180 | 2610 | 90 | 125 |

| | | |
|---|---|---|
| ENG | ORDER | |
| DEU | BESTELL | |
| FRA | COMMANDE | |
| ITA | ORDINE | |
| ESP | PEDIDO | |
| POR | PEDIDO | |

$F_0$ daN — S mm

EXDB 90 50

EXDB 90 050 V1



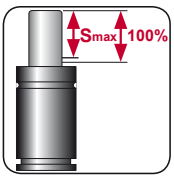
EXDB 90 050 V1

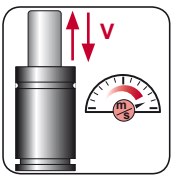


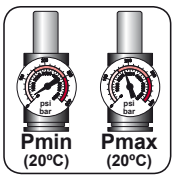
AFJ 90 050 V1

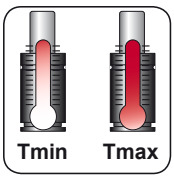
| | | |
|---|---|---|
| ENG | STOCK LIFTER | GAS SPRING |
| DEU | TEILEHEBER | GASDRUCKFEDER |
| FRA | ELEVATEUR | RESSORT À GAZ |
| ITA | SOLLEVATORE | CILINDRO AD AZOTO |
| ESP | ELEVADOR | RESORTE DE GAS |
| POR | LEVANTADOR | CILINDRO DE GÁS |

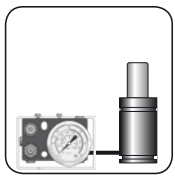


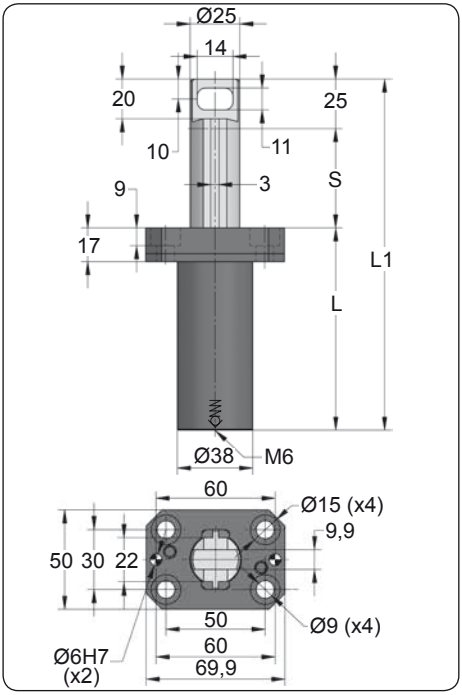



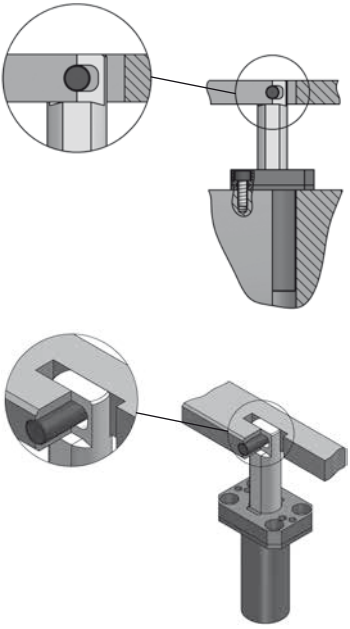
| $N_2$ | Smax < 90% | Vmax 0,8 m/s | bar psi 20 290 | bar psi 180 2610 | °C °F 0 32 | °C °F 80 176 | |
|---|---|---|---|---|---|---|---|

# AZOL GAS EXDN 90 V1

Stock Lifters




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Gas Spring | Kg. |
|---|---|---|---|---|---|
| EXDN 90 025 V1 | 25 | 127 | 77 | AFJ 90 025 V1 | 0.64 |
| EXDN 90 038 V1 | 38 | 153 | 90 | AFJ 90 038 V1 | 0.70 |
| EXDN 90 050 V1 | 50 | 177 | 102 | AFJ 90 050 V1 | 0.76 |
| EXDN 90 063 V1 | 63.5 | 207 | 118.5 | AFJ 90 063 V1 | 0.84 |
| EXDN 90 080 V1 | 80 | 240 | 135 | AFJ 90 080 V1 | 0.93 |
| EXDN 90 100 V1 | 100 | 280 | 155 | AFJ 90 100 V1 | 1.03 |
| EXDN 90 125 V1 | 125 | 330 | 180 | AFJ 90 125 V1 | 1.16 |



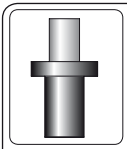
| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| EXDN 90 050 V1 | 180 | 2610 | 90 | 125 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

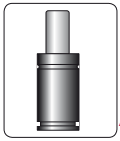
$F_0$ daN — S mm

EXDN 90 50

EXDN 90 050 V1



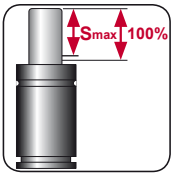
EXDN 90 050 V1

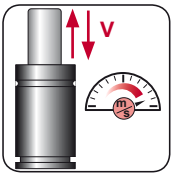


AFJ 90 050 V1

| | | |
|---|---|---|
| ENG | STOCK LIFTER | GAS SPRING |
| DEU | TEILEHEBER | GASDRUCKFEDER |
| FRA | ELEVATEUR | RESSORT À GAZ |
| ITA | SOLLEVATORE | CILINDRO AD AZOTO |
| ESP | ELEVADOR | RESORTE DE GAS |
| POR | LEVANTADOR | CILINDRO DE GÁS |

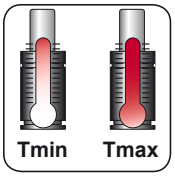


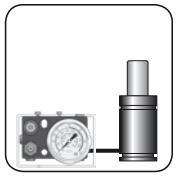









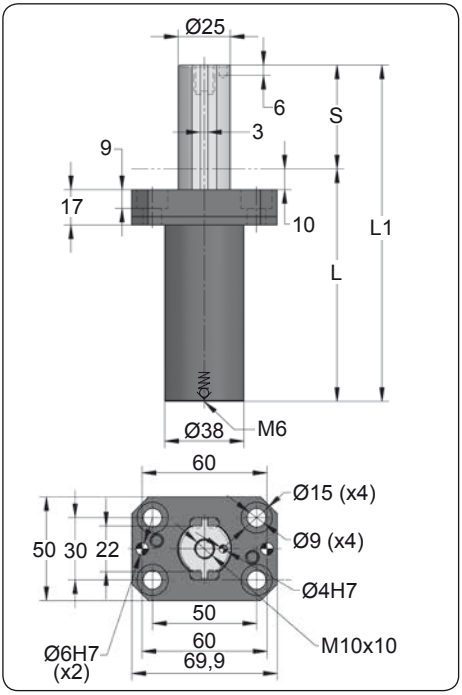



| $N_2$ | Smax < 90% | Vmax 0,8 m/s | bar psi 20 290 | bar psi 180 2610 | °C °F 0 32 | °C °F 80 176 | |
|---|---|---|---|---|---|---|---|

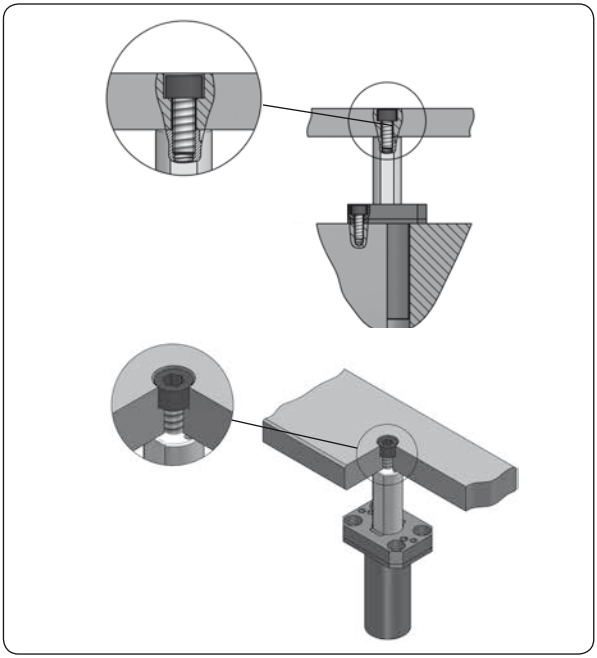
# EXDT 170 V1

*Stock Lifters*

AZOL GAS




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Gas Spring | Kg. |
|---|---|---|---|---|---|
| EXDT 170 025 V1 | 25 | 112 | 87 | CW 170 025 V1 | 0.61 |
| EXDT 170 038 V1 | 38 | 138 | 100 | CW 170 038 V1 | 0.68 |
| EXDT 170 050 V1 | 50 | 162 | 112 | CW 170 050 V1 | 0.75 |
| EXDT 170 063 V1 | 63 | 188 | 125 | CW 170 063 V1 | 0.83 |
| EXDT 170 080 V1 | 80 | 225 | 145 | CW 170 080 V1 | 0.94 |
| EXDT 170 100 V1 | 100 | 265 | 165 | CW 170 100 V1 | 1.05 |
| EXDT 170 125 V1 | 125 | 315 | 190 | CW 170 125 V1 | 1.19 |



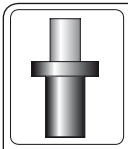
| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| EXDT 170 050 V1 | 180 | 2610 | 170 | 340 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

EXDT 170 50

EXDT 170 050 V1



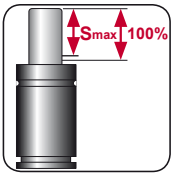
EXDT 170 050 V1

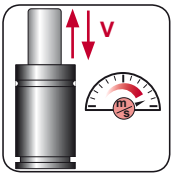


CW 170 050 V1

| | | |
|---|---|---|
| ENG | STOCK LIFTER | GAS SPRING |
| DEU | TEILEHEBER | GASDRUCKFEDER |
| FRA | ELEVATEUR | RESSORT À GAZ |
| ITA | SOLLEVATORE | CILINDRO AD AZOTO |
| ESP | ELEVADOR | RESORTE DE GAS |
| POR | LEVANTADOR | CILINDRO DE GÁS |

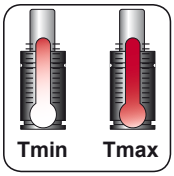


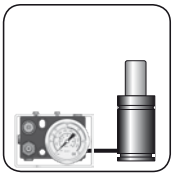







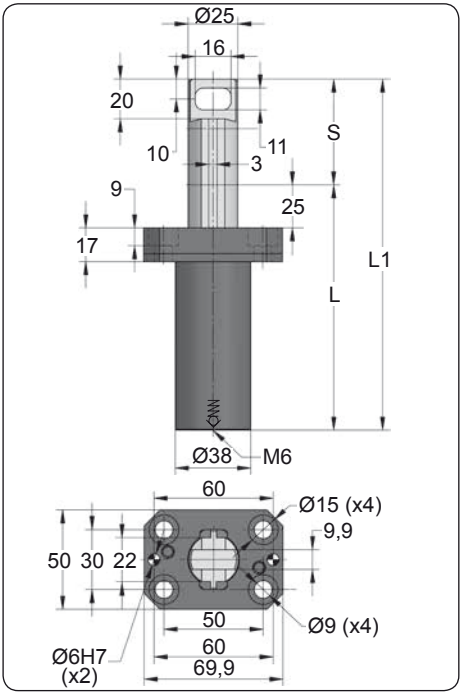


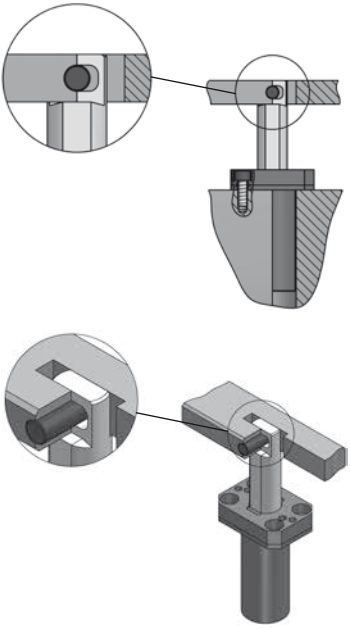
| $N_2$ | Smax < 90% | Vmax 0,8 m/s | bar psi 20 290 | bar psi 180 2610 | °C °F 0 32 | °C °F 80 176 | |
|---|---|---|---|---|---|---|---|

# AZOL GAS EXDE 170 V1

Stock Lifters




| ORDER | S (mm) | L1 ±0,25 (mm) | L (mm) | Gas Spring | Kg. |
|---|---|---|---|---|---|
| EXDE 170 025 V1 | 25 | 127 | 102 | CW 170 025 V1 | 0.62 |
| EXDE 170 038 V1 | 38 | 153 | 115 | CW 170 038 V1 | 0.69 |
| EXDE 170 050 V1 | 50 | 177 | 127 | CW 170 050 V1 | 0.76 |
| EXDE 170 063 V1 | 63 | 203 | 140 | CW 170 063 V1 | 0.84 |
| EXDE 170 080 V1 | 80 | 240 | 160 | CW 170 080 V1 | 0.95 |
| EXDE 170 100 V1 | 100 | 280 | 180 | CW 170 100 V1 | 1.06 |
| EXDE 170 125 V1 | 125 | 330 | 205 | CW 170 125 V1 | 1.20 |



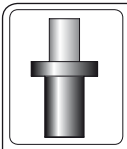
| CODE | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|
| EXDE 170 050 V1 | 180 | 2610 | 170 | 340 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

$F_0$ daN — S mm

EXDE 170 50

EXDE 170 050 V1



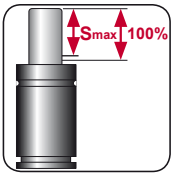
EXDE 170 050 V1

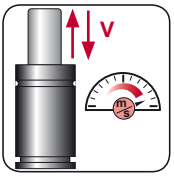


CW 170 050 V1

| | | |
|---|---|---|
| ENG | STOCK LIFTER | GAS SPRING |
| DEU | TEILEHEBER | GASDRUCKFEDER |
| FRA | ELEVATEUR | RESSORT À GAZ |
| ITA | SOLLEVATORE | CILINDRO AD AZOTO |
| ESP | ELEVADOR | RESORTE DE GAS |
| POR | LEVANTADOR | CILINDRO DE GÁS |

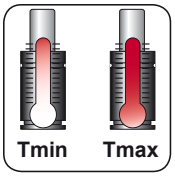










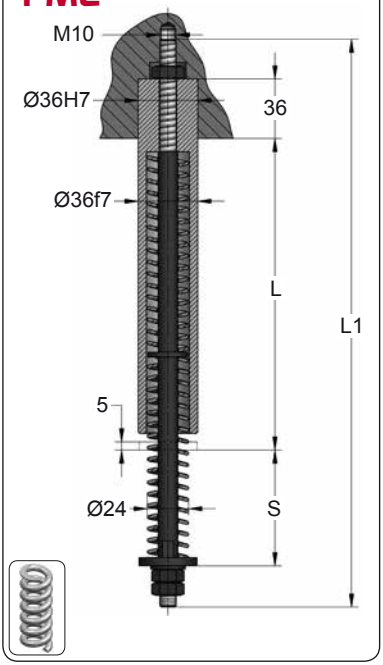

| $N_2$ | Smax < 90% | Vmax 0,8 m/s | bar psi 20 290 | bar psi 180 2610 | °C °F 0 32 | °C °F 80 176 | |
|---|---|---|---|---|---|---|---|

# PME / PGE

*Bolt*

AZOL GAS

## PME




| ORDER | S (mm) | L1 (mm) | L (mm) | $F_0$ (N) | $F_1$ (N) |
|---|---|---|---|---|---|
| PME - 1 | 50 | 290 | 155 | 117.2 | 650 |
| PME - 2 | 50 | 290 | 155 | 185 | 1030 |
| PME - 3 | 65 | 343.5 | 193.5 | 94 | 650 |
| PME - 4 | 65 | 343.5 | 193.5 | 149 | 1030 |
| PME - 5 | 80 | 392.5 | 227.5 | 84.7 | 650 |
| PME - 6 | 80 | 392.5 | 227.5 | 134 | 1030 |

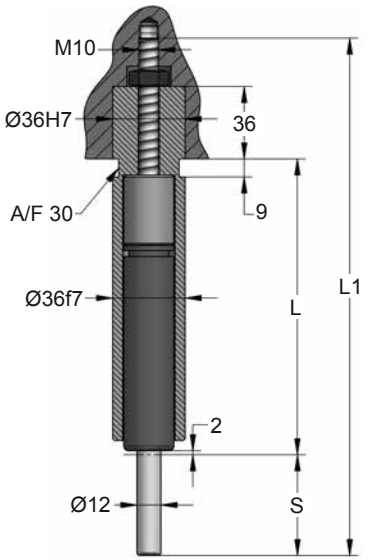


| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

PME 1

PME 1

## PGE




| ORDER | S (mm) | L1 (mm) | L (mm) | $F_0$ (daN) | $F_1$ (daN) | Gas Spring |
|---|---|---|---|---|---|---|
| PGE - 1 | 50 | 257 | 147 | 50 | 65 | AF 50 050 |
| PGE - 2 | 50 | 257 | 147 | 100 | 125 | AF 100 050 |
| PGE - 3 | 65 | 310.5 | 185.5 | 50 | 65 | AF 50 065 |
| PGE - 4 | 65 | 310.5 | 185.5 | 100 | 125 | AF 100 065 |
| PGE - 5 | 80 | 359.5 | 218.5 | 50 | 65 | AF 50 080 |
| PGE - 6 | 80 | 359.5 | 218.5 | 100 | 125 | AF 100 080 |



| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

PGE 1

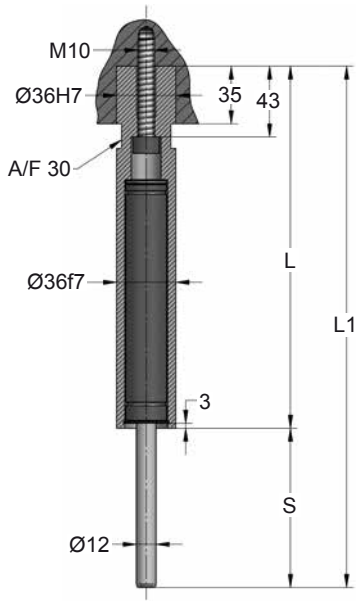
PGE 1

AZOL GAS

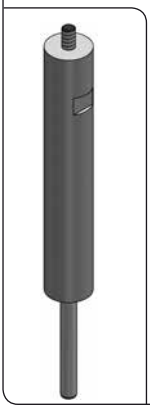
# PGN / PGH

*Bolt*

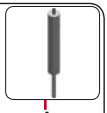
## PGN




| ORDER | S (mm) | L1 (mm) | L (mm) | $F_0$ (daN) | $F_1$ (daN) | Gas Spring |
|---|---|---|---|---|---|---|
| PGN - 1 | 58 | 240 | 182 | 100 | 155 | AFC 100 063 |
| PGN - 2 | 74 | 274 | 200 | 100 | 155 | AFC 100 080 |
| PGN - 3 | 94 | 314 | 220 | 100 | 155 | AFC 100 100 |



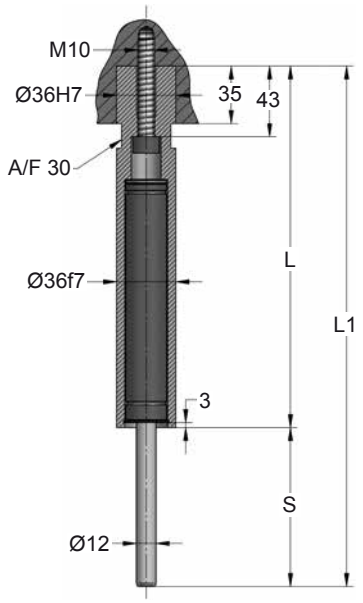
| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



PGN 1

PGN 1

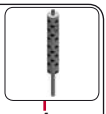
## PGH




| ORDER | S (mm) | L1 (mm) | L (mm) | $F_0$ (daN) | $F_1$ (daN) | Gas Spring |
|---|---|---|---|---|---|---|
| PGH - 1 | 58 | 240 | 182 | 100 | 155 | AFC 100 063 |
| PGH - 2 | 74 | 274 | 200 | 100 | 155 | AFC 100 080 |
| PGH - 3 | 94 | 314 | 220 | 100 | 155 | AFC 100 100 |



| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

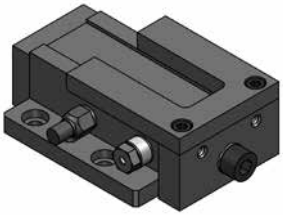


PGH 1

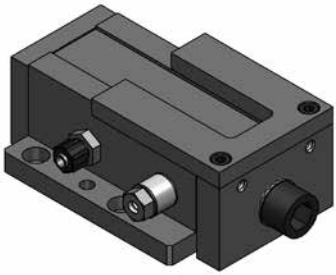
PGH 1

AZOL GAS

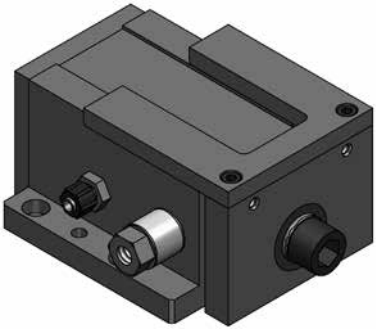
# SP-ER AIR SCRAP REMOVER



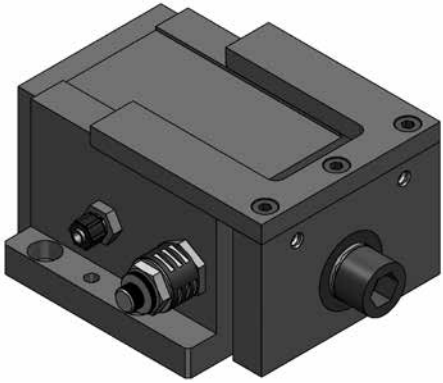
SP-ER 3



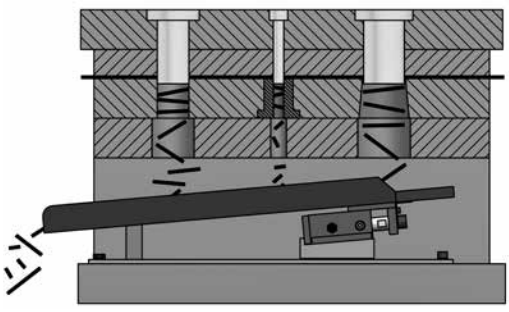
SP-ER 5

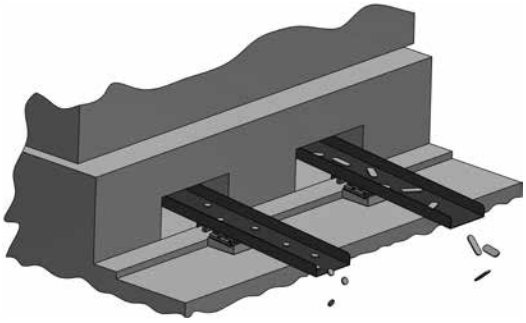


SP-ER 7



SP-ER 9

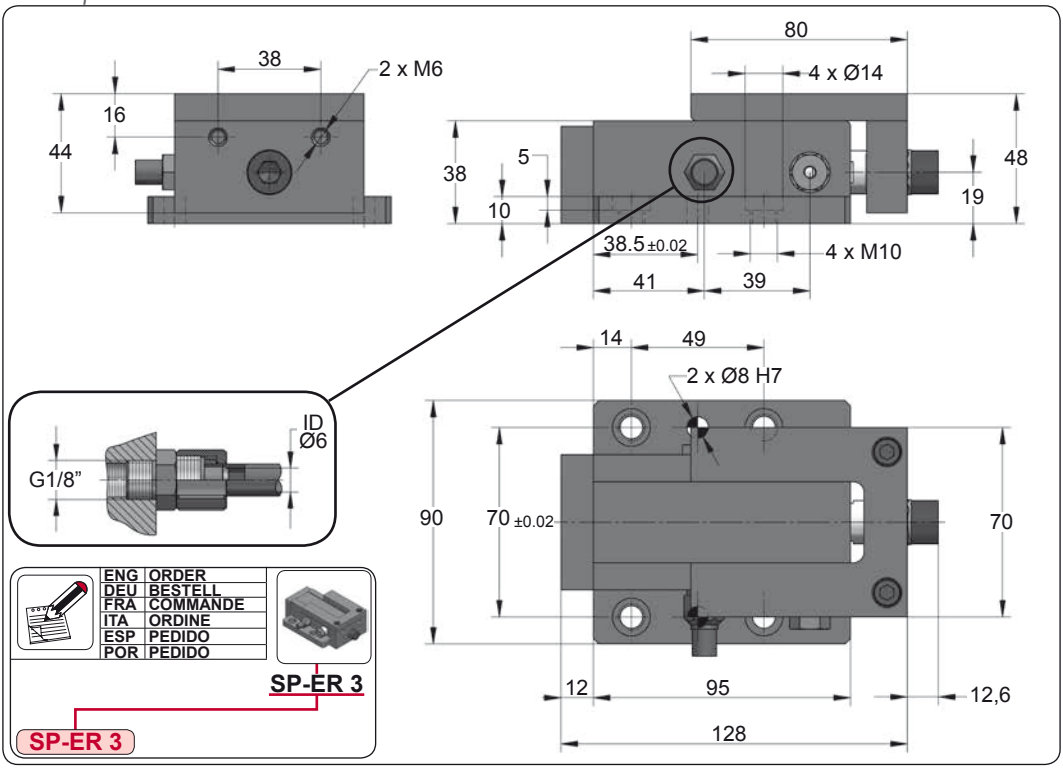




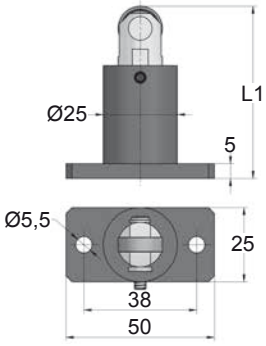
# SP-ER 3

*Air Scrap Remover*

AZOL GAS

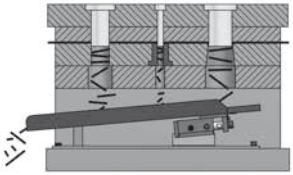


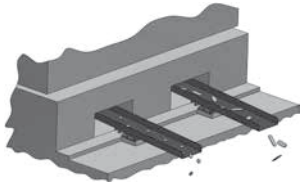

## HOLDER



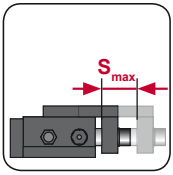

| ORDER | S (mm) | L1 Min. (mm) | L1 Max. (mm) |
|---|---|---|---|
| ER - 12 | 12.5 | 38.5 | 51 |
| ER - 25 | 25 | 51 | 76 |
| ER - 50 | 50 | 76 | 126 |

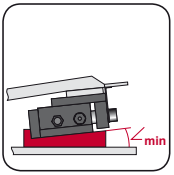


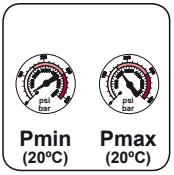


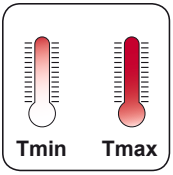


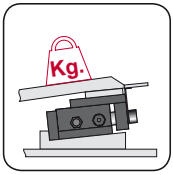


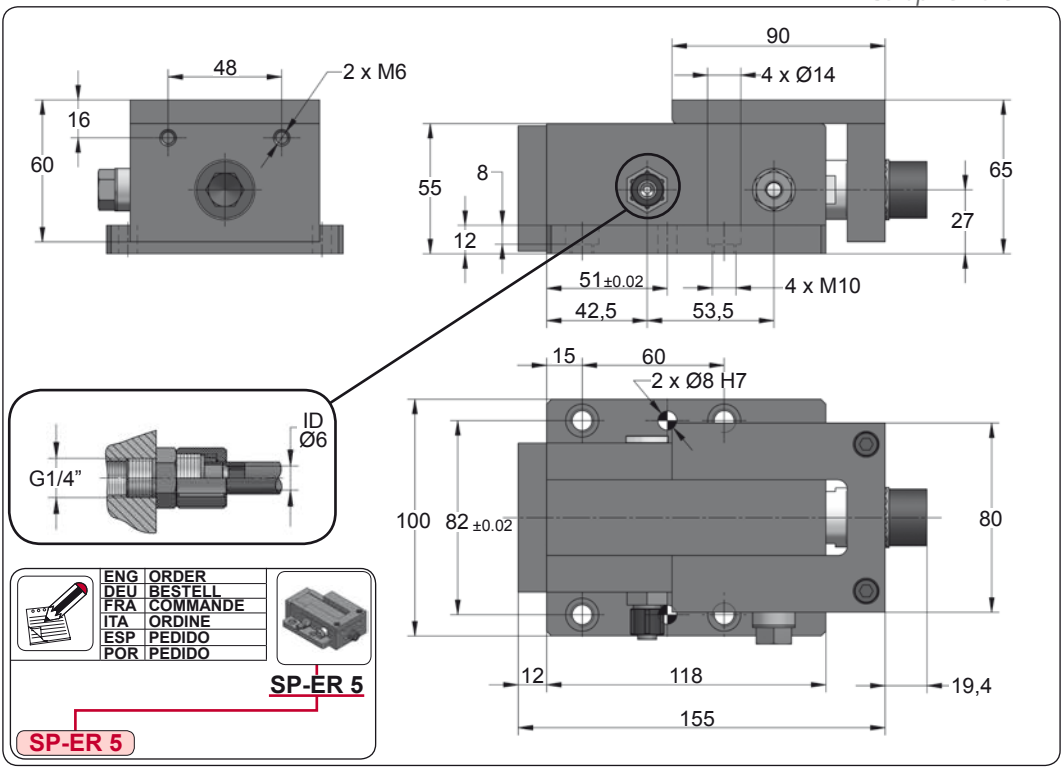




| AIR | Smax = 30 mm | ∠ min = 6º | bar psi 4 58 | bar psi 6 87 | ºC ºF 0 32 | ºC ºF 60 140 | Kg.max = 6 Kg. |
|---|---|---|---|---|---|---|---|

AZOL GAS

# SP-ER 5

*Air Scrap Remover*

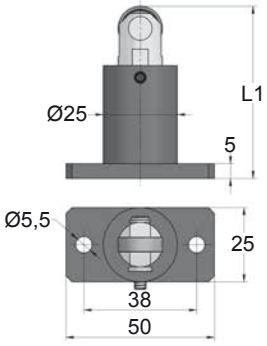



| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

SP-ER 5

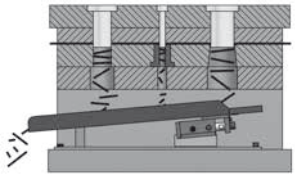
SP-ER 5

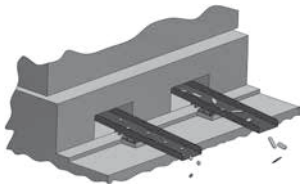
## HOLDER



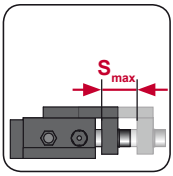

| ORDER | S (mm) | L1 Min. (mm) | L1 Max. (mm) |
|---|---|---|---|
| ER - 12 | 12.5 | 38.5 | 51 |
| ER - 25 | 25 | 51 | 76 |
| ER - 50 | 50 | 76 | 126 |

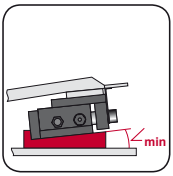


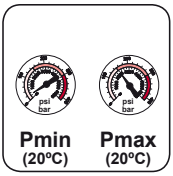


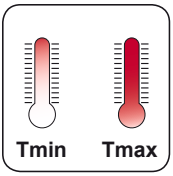


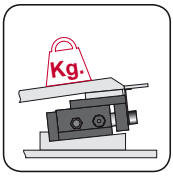


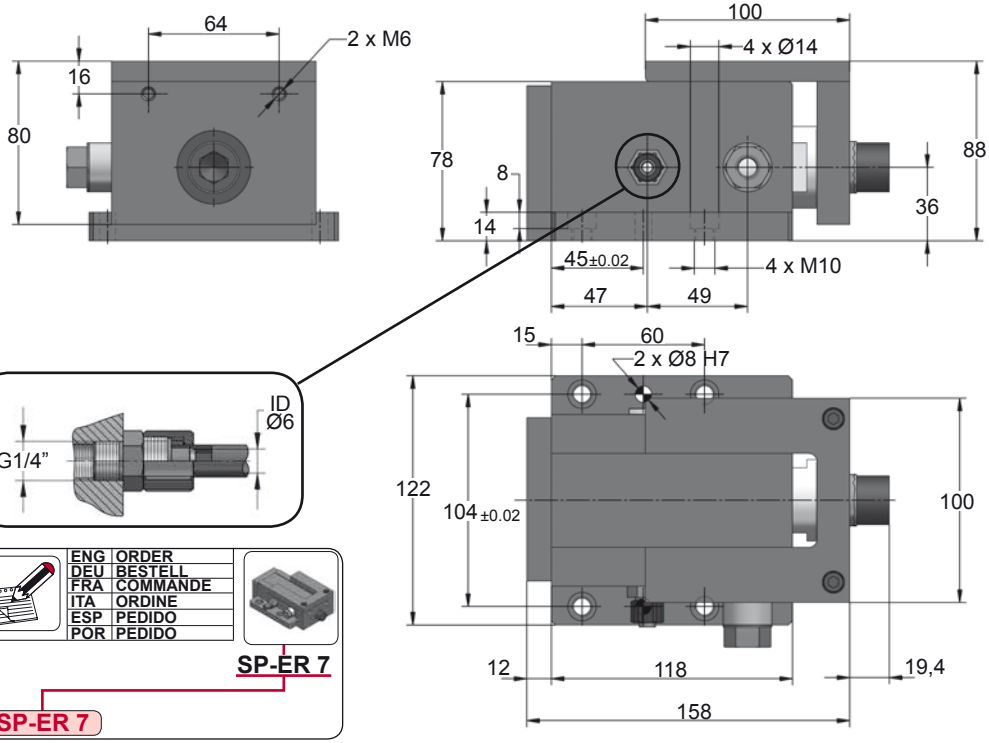




| AIR | Smax = 33 mm | ∠ min = 6º | bar 4 | psi 58 | bar 6 | psi 87 | ºC 0 | ºF 32 | ºC 60 | ºF 140 | Kg.max = 14 Kg. |
|---|---|---|---|---|---|---|---|---|---|---|---|

# SP-ER 7

*Air Scrap Remover*

AZOL GAS

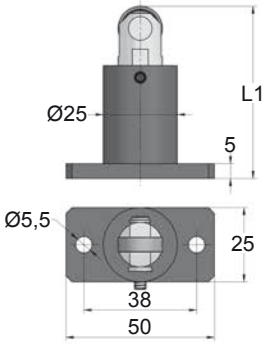



| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

SP-ER 7

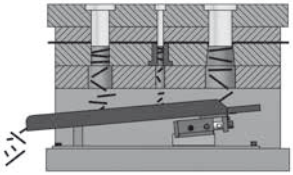
SP-ER 7

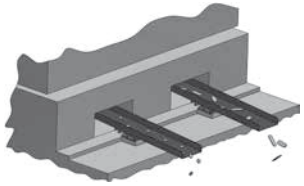
## HOLDER



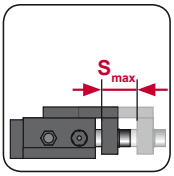

| ORDER | S (mm) | L1 Min. (mm) | L1 Max. (mm) |
|---|---|---|---|
| ER - 12 | 12.5 | 38.5 | 51 |
| ER - 25 | 25 | 51 | 76 |
| ER - 50 | 50 | 76 | 126 |

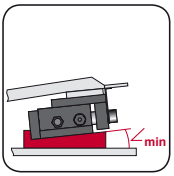


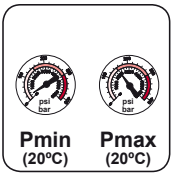


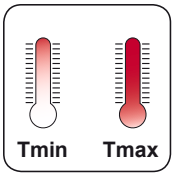


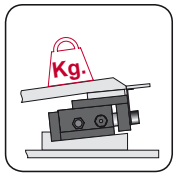


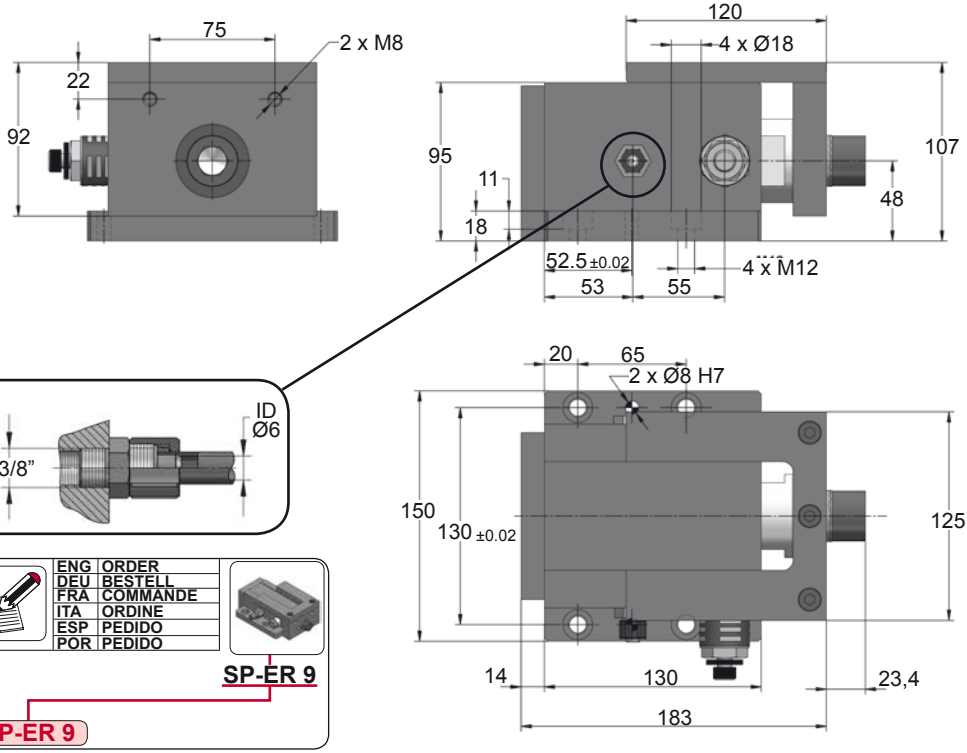




| AIR | Smax = 20 mm | ∠ min = 6º | bar 4 | psi 58 | bar 6 | psi 87 | ºC 0 | ºF 32 | ºC 60 | ºF 140 | Kg.max = 36 Kg. |
|---|---|---|---|---|---|---|---|---|---|---|---|

AZOL GAS

# SP-ER 9

*Air Scrap Remover*

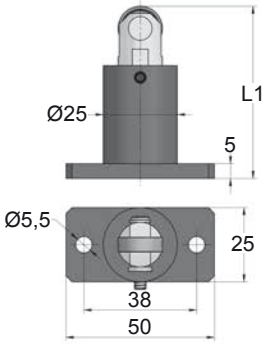



| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

SP-ER 9

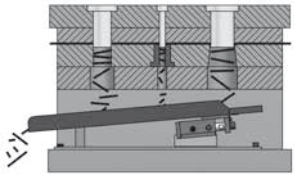
SP-ER 9

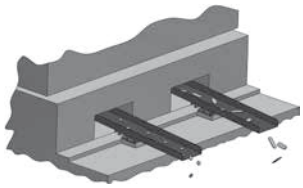
## HOLDER



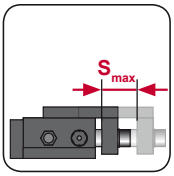

| ORDER | S (mm) | L1 Min. (mm) | L1 Max. (mm) |
|---|---|---|---|
| ER - 12 | 12.5 | 38.5 | 51 |
| ER - 25 | 25 | 51 | 76 |
| ER - 50 | 50 | 76 | 126 |

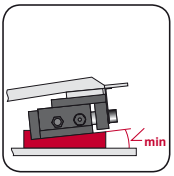


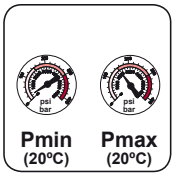


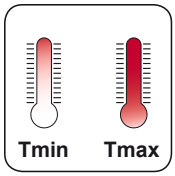


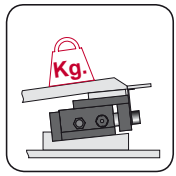


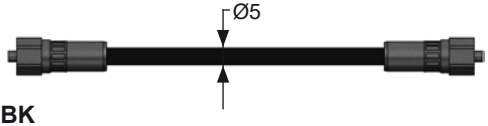




| AIR | Smax = 28 mm | ∠ min = 6º | bar 4 | psi 58 | bar 6 | psi 87 | ºC 0 | ºF 32 | ºC 60 | ºF 140 | Kg.max = 56 Kg. |
|---|---|---|---|---|---|---|---|---|---|---|---|

AZOL GAS

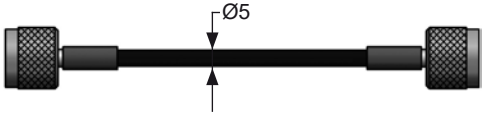
# HOSED SYSTEMS

## M8x1



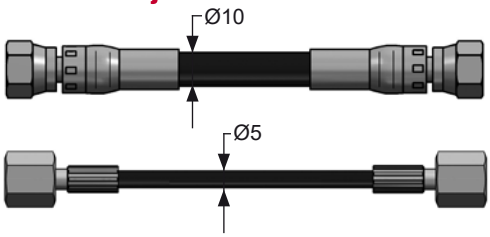

BK

## S12,65x1,5



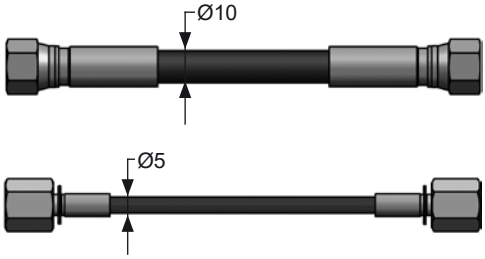

SGS / RGS / PGS / RGR / PGP

## M12x1,5



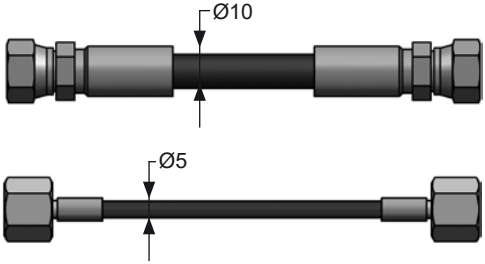

TNRR / TNRL / TNLL / TNRC / TNLC
HJRR / HJRL / HJLL

## 7/16”

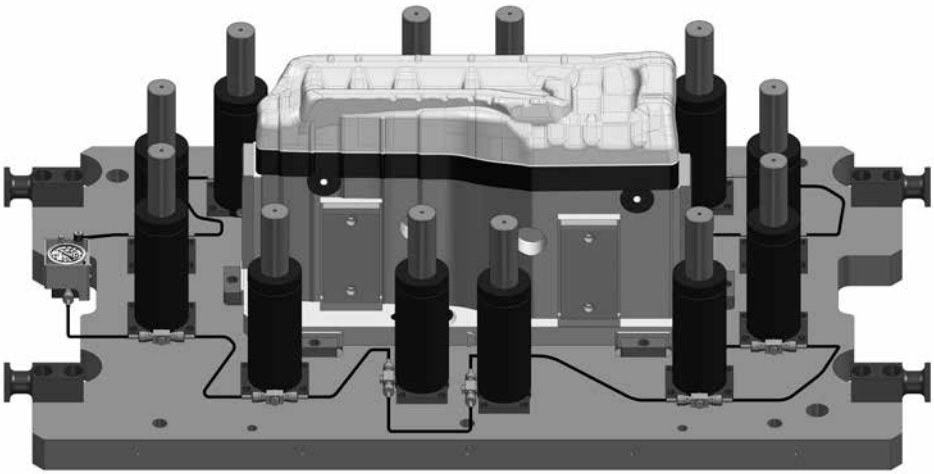



TFRR / TFRL / TFLL / SMRR

## 9/16”



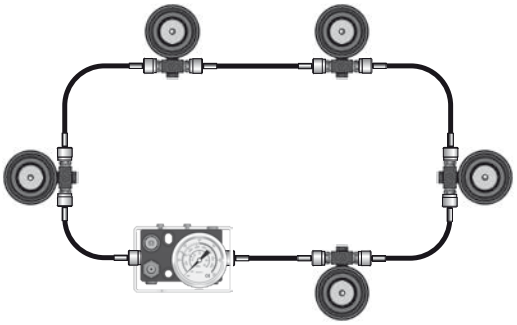

MCRR / MCRL / MCLL / GTRR / GTRL / GTLL



# HOSED SYSTEMS ADVANTAGES

*Hosed Systems*

AZOL GAS

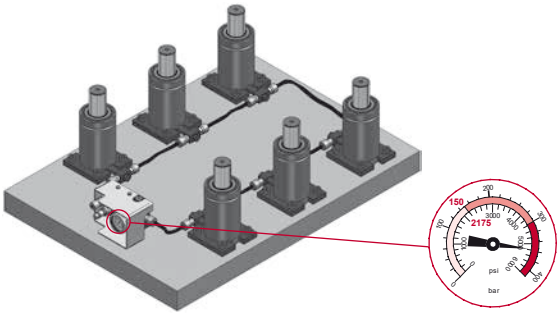


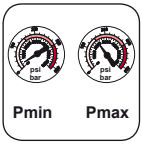




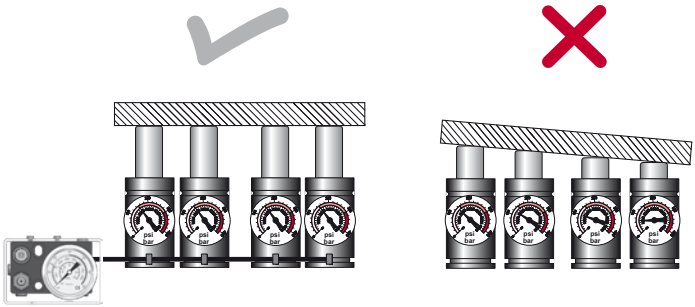
Using gas springs in hosed systems let the end user profit the following advantages.

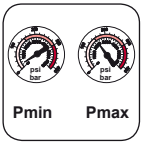
Follow the safety and operating instructions contained in the guide Gas springs hosed systems.




To control the pressure of all the hosed gas springs from outside the die set.



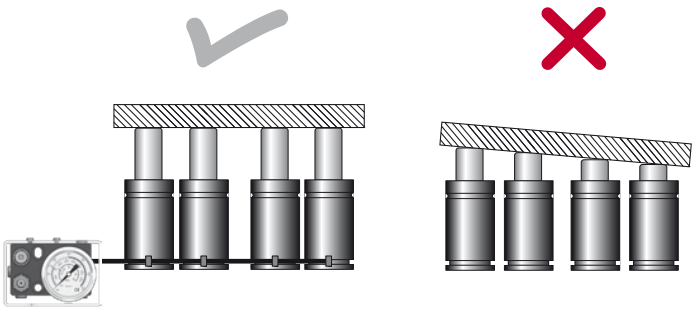



To keep the same pressure in all the hosed gas springs.

AZOL GAS

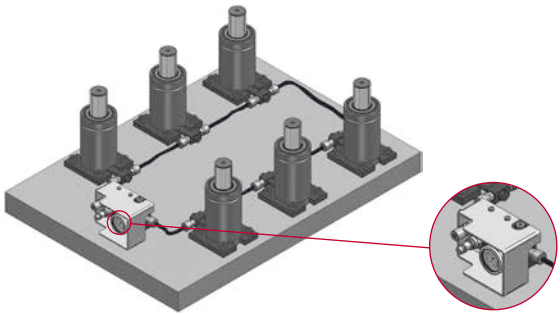
# HOSED SYSTEMS ADVANTAGES

*Hosed Systems*



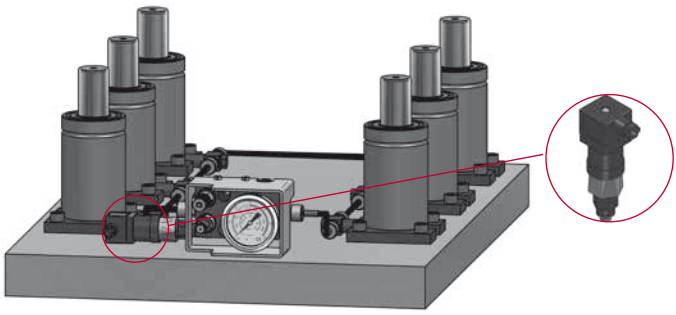



To keep the same force in all the hosed gas springs with the same technical features.






To charge, drain and adjust the pressure of the hosed gas springs through the control panel.





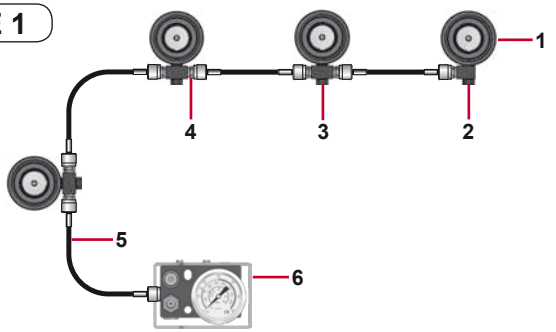
To use additional warning or emergency stop systems (pressure switch) when the pressure is higher or lower than a predefined value.

# HOSED SYSTEMS EXAMPLES

*Hosed Systems*

AZOL GAS

## EXAMPLE 1

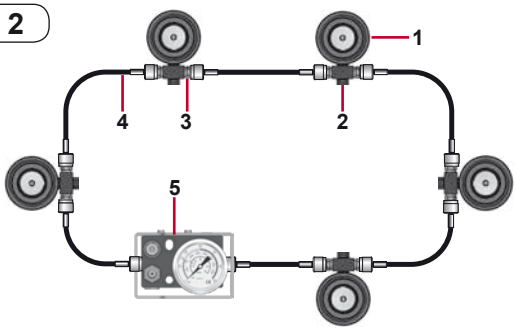



| | |
|---|---|
| 1.- | AG (x4) |
| 2.- | CF 01 24 (x1) |
| 3.- | CF 02 40 (x3) |
| 4.- | SKK 12R 1/8 (x8) |
| 5.- | SGS XXXX (x4) |
| 6.- | 600-CP (x1) |

Hosed system in series.

System used when there is no uniform distribution of gas springs through all the surface of the die set.

## EXAMPLE 2

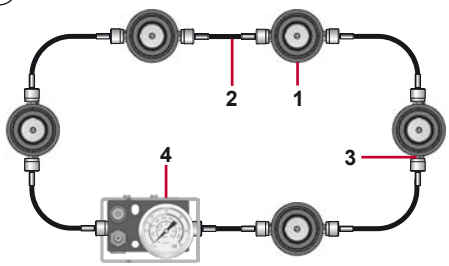



| | |
|---|---|
| 1.- | AG (x5) |
| 2.- | CF 02 (x5) |
| 3.- | SKK 12R 1/8 (x12) |
| 4.- | SGS XXXX (x6) |
| 5.- | 600-CP (x1) |

Hosed system in circuit.

System used when there is a uniform distribution of gas springs through all the surface of the die set.

## EXAMPLE 3




| | |
|---|---|
| 1.- | AGB-H (x5) |
| 2.- | SGS XXXX (x6) |
| 3.- | SKK 12R 1/8 (x12) |
| 4.- | 600-CP (x1) |

Hosed system with double filling port gas springs.

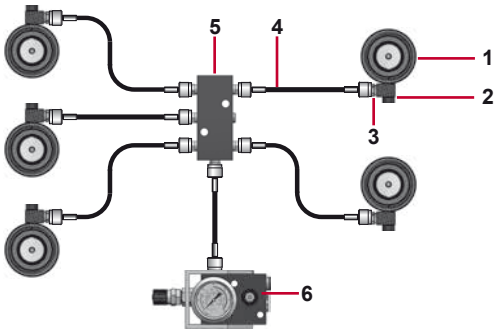
System used when there is a uniform distribution of gas springs through all the surface of the die set, but additionally it is necessary to compact the required space.

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# HOSED SYSTEMS EXAMPLES

*Hosed Systems*

## EXAMPLE 4

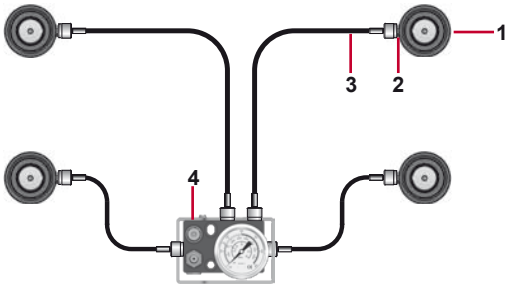



| | |
|---|---|
| 1.- | AG (x5) |
| 2.- | CF 01 24 (x5) |
| 3.- | SKK 12R 1/8 (X12) |
| 4.- | SGS XXXX (x6) |
| 5.- | PLD 6 (x1) |
| 6.- | 600-CP (x1) |

Hosed system through distribution block.

System used when the design of the die set do not let the use of hosed system in circuit.

## EXAMPLE 5

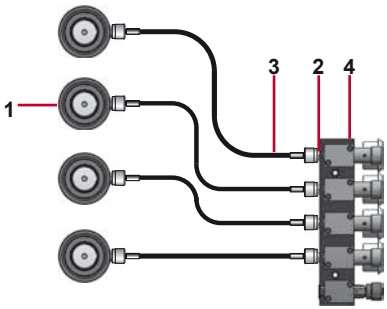



| | |
|---|---|
| 1.- | AG (x4) |
| 2.- | SKK 12R 1/8 (x8) |
| 3.- | SGS XXXX (x4) |
| 4.- | 600-CP (x1) |

Hosed system direct to a control panel.

System used to simplify the connection of hosed system, preventing T-connections and elbows.

## EXAMPLE 6




| | |
|---|---|
| 1.- | AG (x4) |
| 2.- | SKK 12R 1/8 (x8) |
| 3.- | SGS XXXX (x4) |
| 4.- | 600-CPMC 01 (x1) |

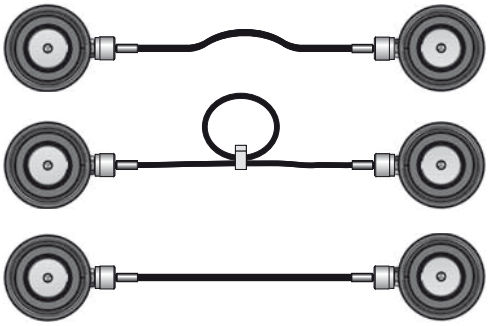
Hosed system direct to a multiple control panel.

System used to ensure individual and independent pressure of each gas spring, connected to the control panel.

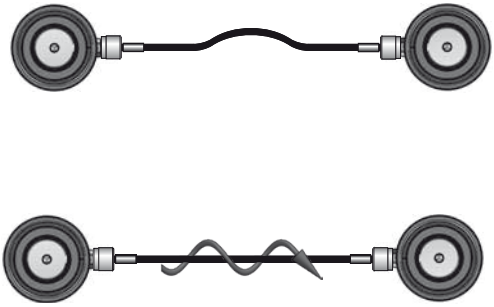
# FITTING HOSES

*Hosed Systems*

AZOL GAS

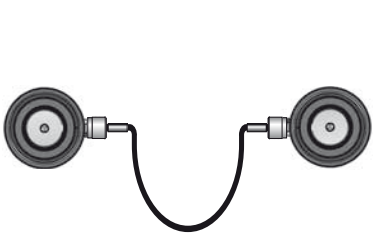


To obtain the best working performance on connected systems, please follow these recommendations:



Select a hose length that allows certain tolerance within connected cylinders.



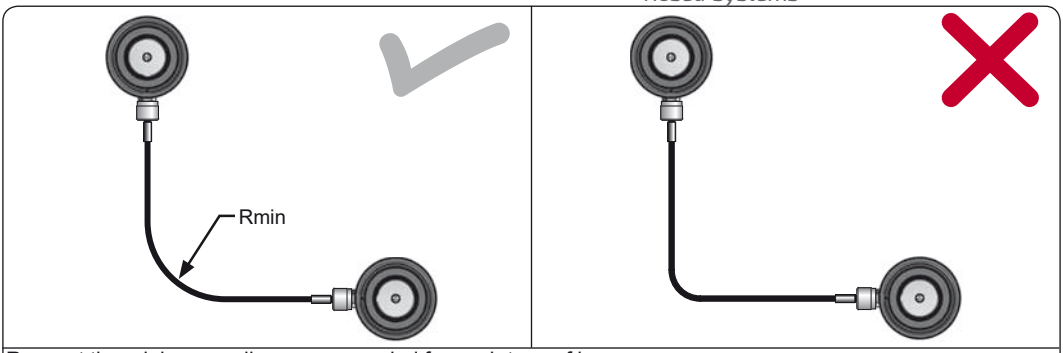


Do not twist the hoses.
Select appropriate hose fittings to prevent undesired bends in the hoses.

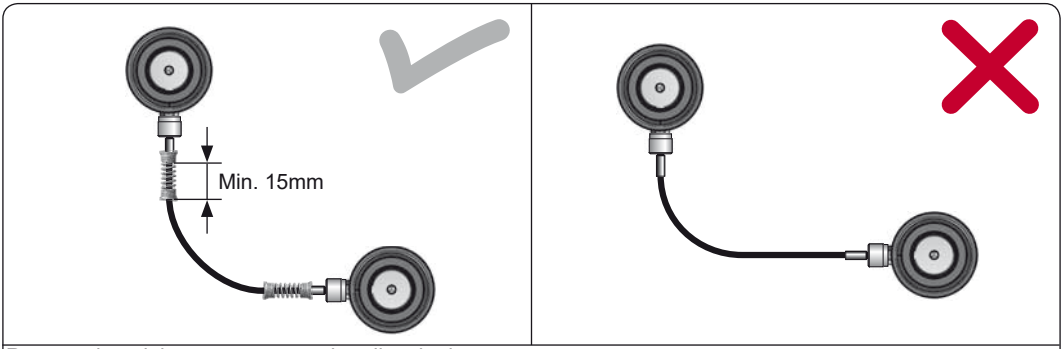
AZOL GAS

# FITTING HOSES

*Hosed Systems*

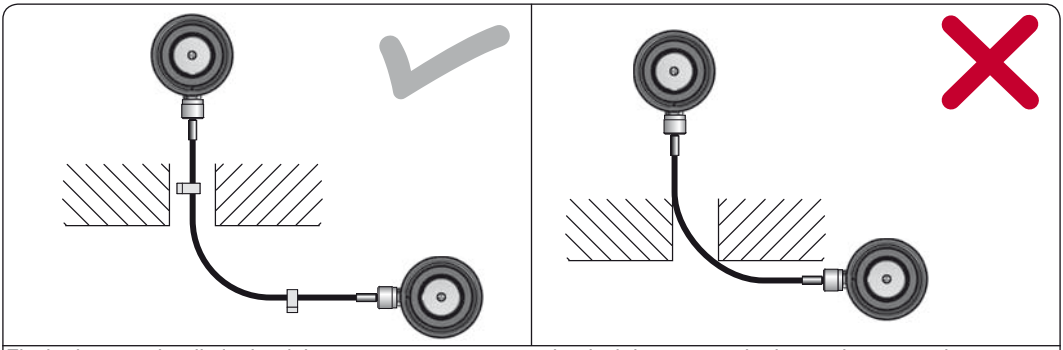



Respect the minimum radius recommended for each type of hose.




Respect the minimum gap to start bending the hose.

Use the PF 02 hose protectors.



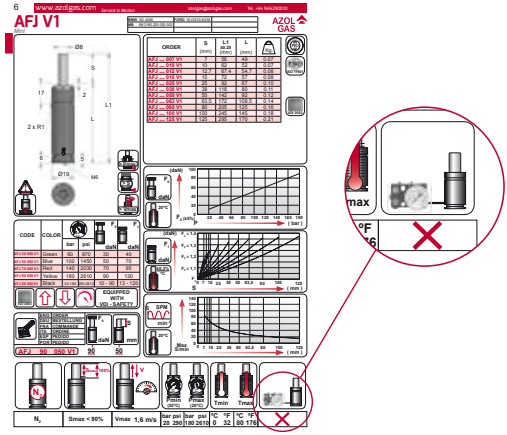
Fix the hose to the die in the right way to prevent any mechanical damage on the hose when operating.

Use hose clamps RBP 5 or RBP 10 according to the type of hose diameter.

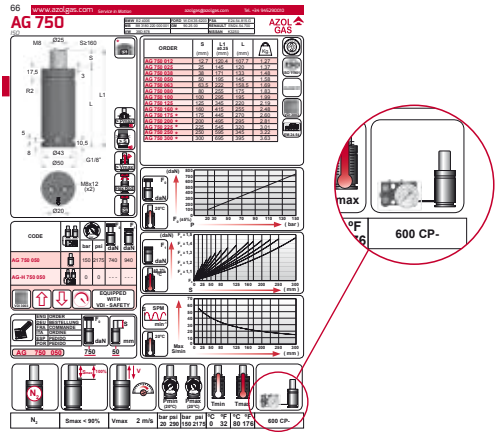
# SELF-CONTAINED AND HOSED

*Hosed Systems*

## NOT TO BE HOSED



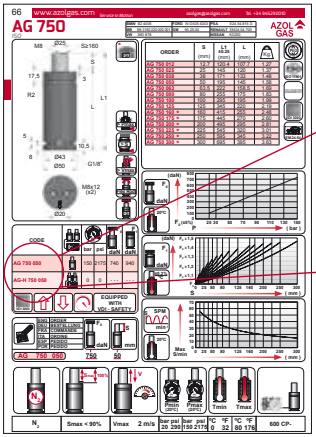

## TO BE HOSED

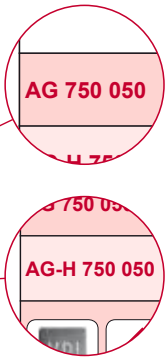



Most of gas springs can be used as hosed, but some of them cannot be hosed.

On each catalogue sheet (lower right side) can be checked if gas springs are able to be used as hosed (e.g. 600-CP) or not (e.g. X).

## TO BE HOSED




**FOR SELF-CONTAINED USE**

**AG 750 050**




**FOR HOSED USE**

**AG-H 750 050**




The gas springs able to be hosed may be ordered as self-contained use (if nothing is specified) or as hosed use (just by adding -H to the gas spring standard model).

- for a self-contained use (when nothing is specified) are supplied charged to the initial pressure.
- for a hosed use (when -H is added to standard model) are supplied discharged and without the filling valve.

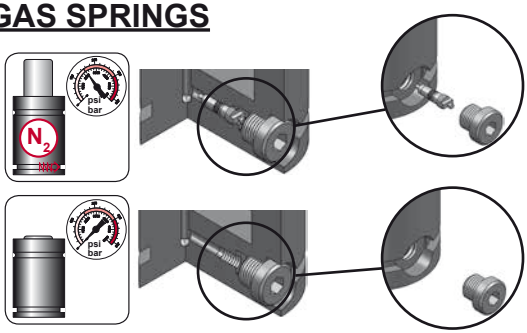
AZOL GAS

# SELF-CONTAINED AND HOSED

*Hosed Systems*

## SELF-CONTAINED OR HOSED GAS SPRINGS

| CODE | | bar | psi | $F_0$ daN | $F_1$ daN |
|---|---|---|---|---|---|
| AG 750 050 | | 150 | 2175 | 740 | 1100 |
| AG-H 750 050 | | 0 | 0 | - - - | - - - |

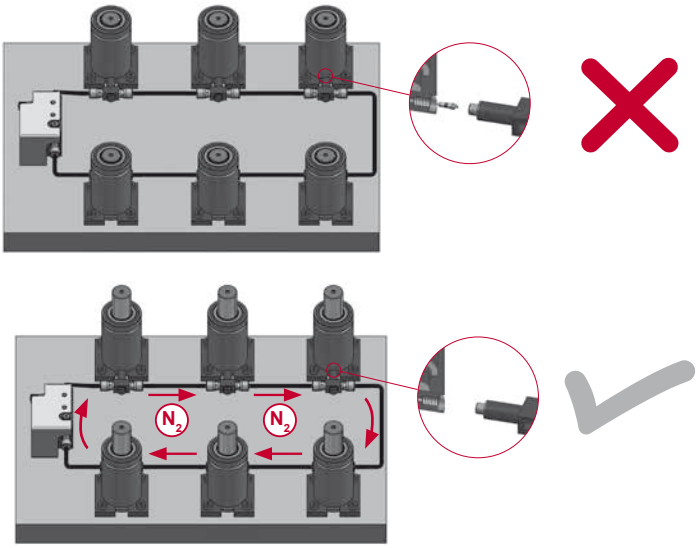





| | | |
|---|---|---|
| ENG | Self-contained gas spring | Gas spring delivered charged (with filling valve) |
| DEU | Autonome Gasdruckfeder | Befüllte Gasdruckfeder (mit Ventil) |
| FRA | Ressort à gaz autonome | Ressort à gaz fourni chargé (avec valve de charge) |
| ITA | Cilindro ad azoto autonomo | Cilindro fornito carico (con valvola di carico) |
| ESP | Cilindro de gas autónomo | Cilindro de gas suministrado cargado (con válvula de carga) |
| POR | Cilindro de gas autônomo | Cilindro de gás fornecido carregado (com válvula de carga) |



| | | |
|---|---|---|
| ENG | Ready to be hosed | Gas spring delivered unfilled (without filling valve) |
| DEU | Fertig zum Verschlauchen | Drucklose Gasdruckfeder (ohne Ventil) |
| FRA | Prêt à être relié | Ressort à gaz fourni non chargé (sans valve de charge) |
| ITA | Pronto per essere collegato | Cilindro fornito scarico (senza valvola di carico) |
| ESP | Preparado para conexionar | Cilindro de gas suministrado descargado (sin válvula de carga) |
| POR | Pronto a ser interligado | Cilindro de gás fornecido descarregado (sem válvula de carga) |




When the pressure pushes the filling valve it opens and let the flow of gas, but when there is no pressure pushing the filling valve, it keep closed and do not allow the exit of gas.
Warning: if the filling valve is installed into the gas springs, the gas springs are not linked each other into a circuit and cannot be charged through the control panel, it is necessary to remove the filling valve from the gas springs in order to keep N2 pressure through the circuit.

# SELF-CONTAINED AND HOSED

*Hosed Systems*

AZOL GAS

**1**



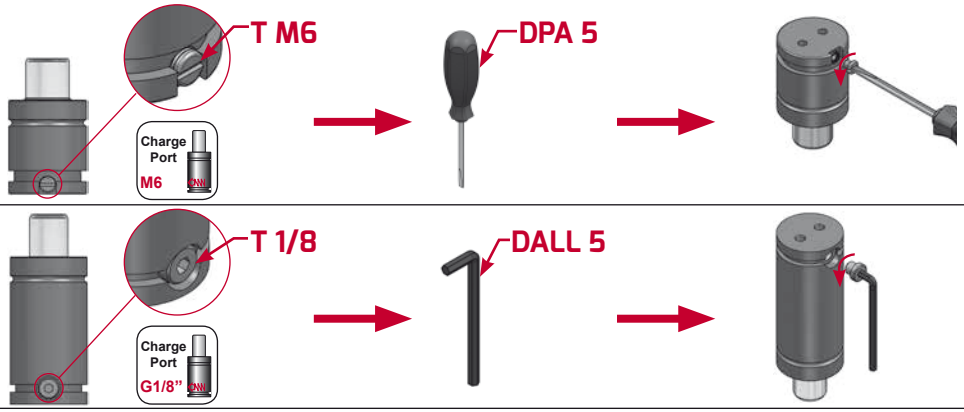
Gas spring, from self-contained to hosed system.

**2**



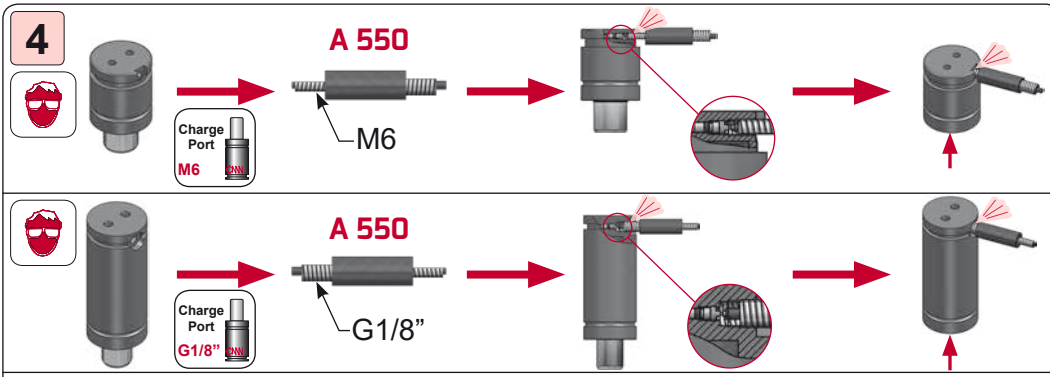
Before discharging a gas spring point the gas flow away from operator or anybody else.

**3**




Check the type of plug and use the corresponding tool to unscrew it.

**4**




Thread the draining tool to the filling port thread and turn it slowly in order to get it fully drained.

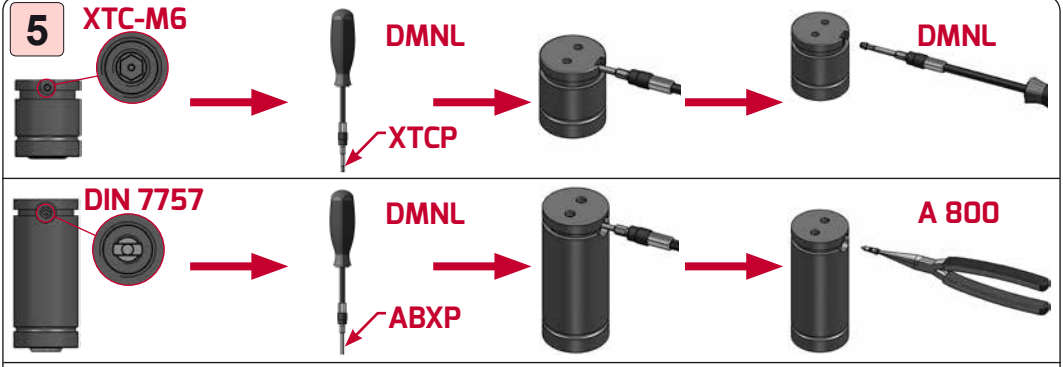
Verify that the cylinder is completely unloaded, if so it should be possible to insert the rod by hand and stay in this position.

AZOL GAS

# SELF-CONTAINED AND HOSED

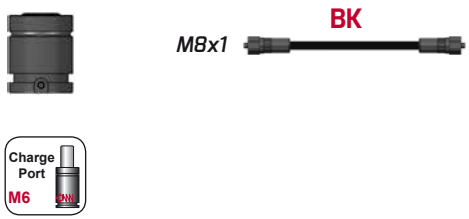
*Hosed Systems*

**5**



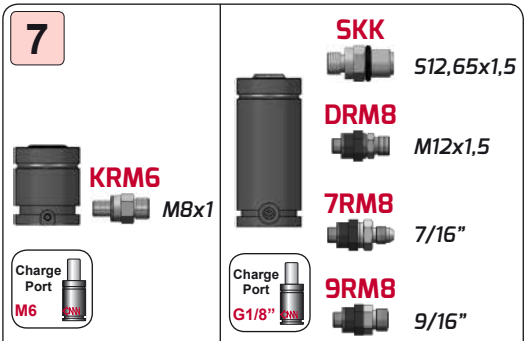

Check the type of the filling valve and unscrew it by using the tool DMNL with the corresponding adapter (XTCP for XTC-M6, and ABXP for DIN 7757).
Remove the valve XTC-M6 by using the tool DMNL and the valve DIN 7757 by using the tool A 800.

**6**




Make the right choice of the hosed system according to the gas spring and application:
- use hosed systems M8x1 for M6 filling port gas springs
- use hosed systems ● S12,65x1,5 ● M12x15 ● 7/16" ● 9/16" for G1/8" filling port gas springs

**7**




Make the right choice of adapter corresponding to each hosed system.

**8**



Pull up completely the piston rod by using the corresponding LM tool, never use gas.

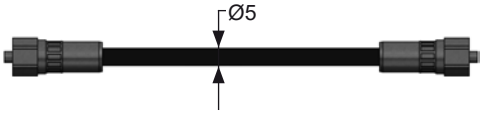
The gas spring is ready to be hosed.

# TYPES OF HOSED SYSTEMS

AZOL GAS

*Hosed Systems*

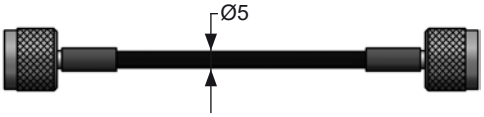
## M8x1




**BK**

Charge Port M6 ONN | Pmax 400 bar | Rmin 20 mm | Tmax 100 ºC

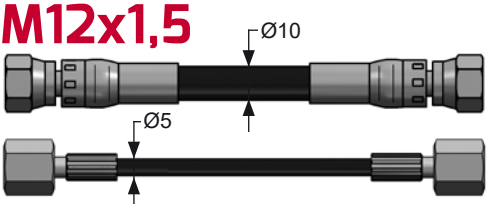
## S12,65x1,5




**SGS / RGS / PGS / RGR / PGP**

Charge Port G1/8" ONN | Pmax 630 bar | Rmin 20 mm | Tmax 100 ºC

## M12x1,5

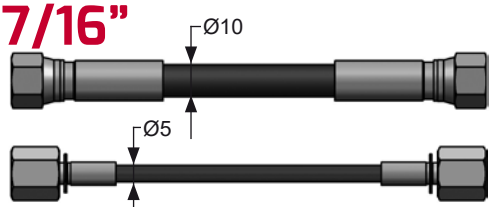



**TNRR / TNRL / TNLL / TNRC / TNLC / HJRR / HJRL / HJLL**

Charge Port G1/8" ONN | Pmax 345 bar | Rmin 40 mm | Tmax 100 ºC

Charge Port G1/8" ONN | Pmax 345 bar | Rmin 20 mm | Tmax 100 ºC

## 7/16"

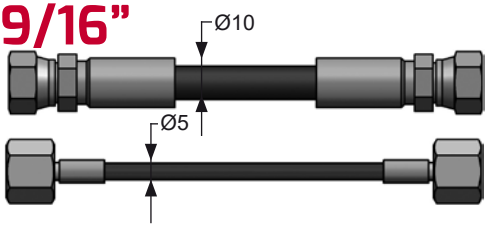



**TFRR / TFRL / TFLL / SMRR**

Charge Port G1/8" ONN | Pmax 345 bar | Rmin 40 mm | Tmax 100 ºC

Charge Port G1/8" ONN | Pmax 345 bar | Rmin 20 mm | Tmax 100 ºC

## 9/16"




**MCRR / MCRL / MCLL / GTRR / GTRL / GTLL**

Charge Port G1/8" ONN | Pmax 345 bar | Rmin 40 mm | Tmax 100 ºC

Charge Port G1/8" ONN | Pmax 345 bar | Rmin 20 mm | Tmax 100 ºC

AZOL GAS

# TYPES OF HOSED SYSTEMS

*Hosed Systems*

## M8x1

Specially suited to be used with M6 filling port gas springs.

The most compact hosed system.






## S12,65x1,5

Most popular use for G1/8” filling port gas springs and automobile: EM.24.54.700, W-DX35-72, 90.25, SMS DNH 3217n

A versatile and compact hosed system that allows easy inter-link fitting and vibration-proof couplings.







## M12x1,5

Intended use for high volume gas springs with G1/8” filling port, or high gas flow required (compensation tanks).

Widest space required.



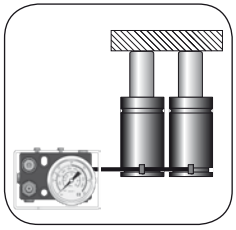




## 7/16”

Only to be used for standard applications on G1/8” filling port gas springs, in case of high vibration applications use hosed system 9/16”.

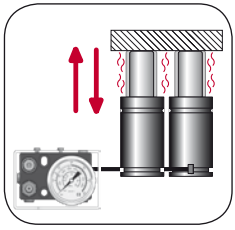


## 9/16”

Recommended use for G1/8” filling port gas springs in high vibration applications.



# TYPES OF HOSED SYSTEMS

*Hosed Systems*

AZOL GAS

| M6 GAS SPRINGS LINKABLE | |
|---|---|
| AG 250 | CK 570 V1 |
| CD 300 V1 - 500 V1 | CT 550 V1 - 5000 |
| CM 300 - 600 V1 | KZ 350 - 500 |
| FD 300 | CW 350 - 2400 V1 |

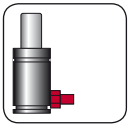
**Filling Port**



**M6**



**Adapters**



**KR / KC / KT / _ _BK**

*(M8x1)*

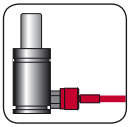


**SKK / CF**

*(S12,65x1,5)*



**Hoses**



**Ø10**

**BK**

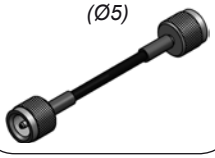
*(M8x1) (Ø5)*

**Ø5**



**SGS / RGS / PGS**
**RGR / PGP**

*(S12,65x1,5 Minimess)*
*(Ø5)*



AZOL GAS

# TYPES OF HOSED SYSTEMS

*Hosed Systems*

| G1/8" GAS SPRINGS LINKABLE | |
|---|---|
| AG 500 | CTN 750 - 5000 |
| AG 750 - 10000 | KZ 750 - 6600 |
| CD 700 - 18500 | KT 1000 - 9500 |
| CM 1000 -10000 | CW 4200 - 20000 |
| GN 750 - 7500 | CWC 750 - 2400 |
| FD 500 - 5000 V1 | CS-KC 1000 - 18300 V1 |
| CK 750 V1 - 4000 V1 | |

**G1/8"**



**D_ _D**
**DM _ _**
*(M12x1,5)*



**7_ _ _**
*(7/16"UNF)*



**9_ _ _**
*(9/16"UNF)*



**TNRR / TNRL / TNLL**
**TNRC / TNCC / TNLC**
*(M12x1,5) (Ø10)*



**TFRR / TFRL / TFLL**
*(7/16"UNF) (Ø10)*



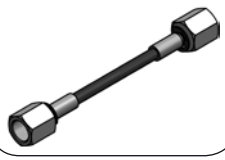
**MCRR / MCRL / MCLL**
*(9/16"UNF) (Ø10)*



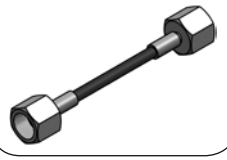
**HJRR / HJRL / HJLL**
*(M12x1,5) (Ø5)*



**SMRR**
*(7/16"UNF) (Ø5)*



**GTRR / GTRL / GTLL**
*(9/16"UNF) (Ø5)*



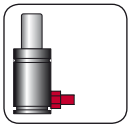
# TYPES OF HOSED SYSTEMS

*Hosed Systems*

AZOL GAS



**Filling Port**



**Adapters**

## M6



| M6 GAS SPRINGS LINKABLE | |
|---|---|
| AG 250 | CK 570 V1 |
| CD 300 V1 - 500 V1 | CT 550 V1 - 5000 |
| CM 300 - 600 V1 | KZ 350 - 500 |
| FD 300 | CW 350 - 2400 V1 |

## G1/8”



| G1/8” GAS SPRINGS LINKABLE | |
|---|---|
| AG 500 | CTN 750 - 5000 |
| AG 750 - 10000 | KZ 750 - 6600 |
| CD 700 - 18500 | KT 1000 - 9500 |
| CM 1000 -10000 | CW 4200 - 20000 |
| GN 750 - 7500 | CWC 750 - 2400 |
| FD 500 - 5000 V1 | CS-KC 1000 - 18300 V1 |
| CK 750 V1 - 4000 V1 | |

## M8x1



KRM6

TE BK

90 BK

## S12,65x1,5



SKK

CF 02

CF 01

## M12x1,5



DRM8

DTFD

DCFD

## 7/16”



7RM8

7EM8

7CM8

## 9/16”



9RM8

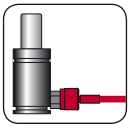
9EM8

9CM8

AZOL GAS

# TYPES OF HOSED SYSTEMS

*Hosed Systems*



**Hoses**



**Control Panels**

**BK**



**600-CPM6**



**SGS**



**RGS**



**PGS**



**RGR**



**PGP**



**600-CPLC** **600-CPFI** **600-CPGM** **600-CPTO**



**HJRR**



**HJRL**



**HJLL**



**TNRR**



**TNRL**



**TNLL**



**600-CPLC** **600-CPFI** **600-CPGM**



**SMRR**



**TFRR**



**TFRL**



**TFLL**



**600-CPLC** **600-CPFI** **600-CPGM**



**GTRR**



**GTRL**



**GTLL**



**MCRR**



**MCRL**



**MCLL**



**600-CPLC** **600-CPFI** **600-CPGM** **600-CPFO**

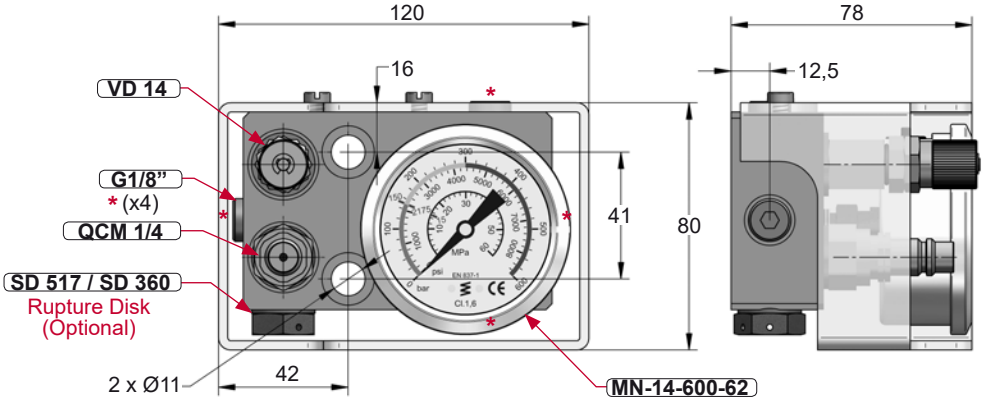


# CONTROL PANELS

*Hosed Systems*

AZOL GAS

## 600-CPLC _ _ V1







MN-14-600-62



SD 517



SD 360

| bar | psi |
|---|---|
| 600 | 8000 |

| bar | psi |
|---|---|
| 517 | 7500 |

| bar | psi |
|---|---|
| 360 | 5220 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

SD | SD 517 | SD 360

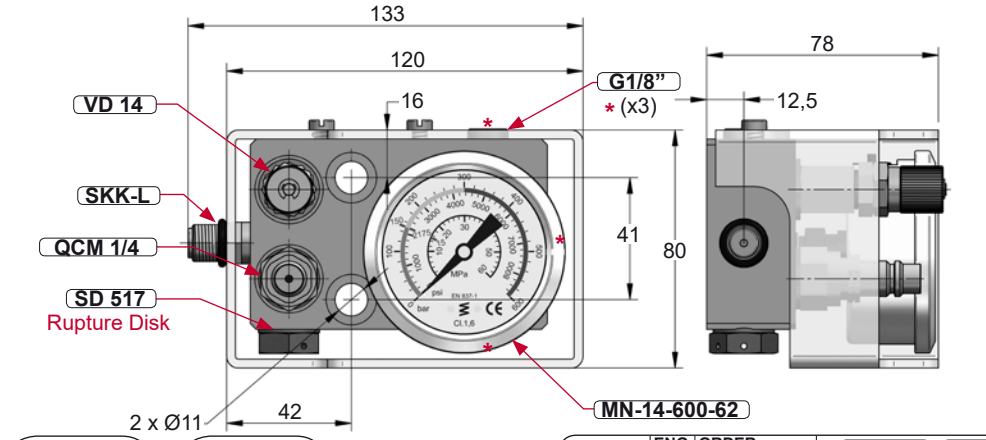
600-CPLC 01 V1

600-CPLC 02 V1

600-CPLC 03 V1

## 600-CPTO _ _ V1

TOYOTA SMS DHN 3211n







MN-14-600-62



SD 517

| bar | psi |
|---|---|
| 600 | 8000 |

| bar | psi |
|---|---|
| 517 | 7500 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

SD 517 | SD 517

600-CPTO 01 V1

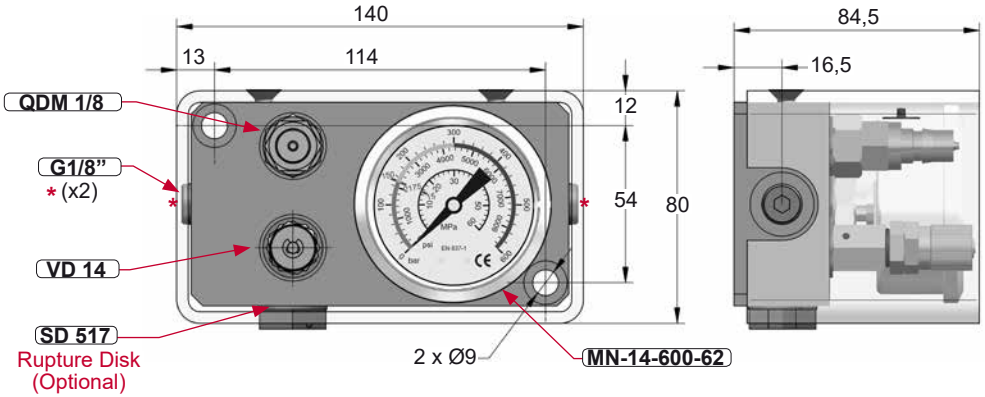
AZOL GAS

# CONTROL PANELS

*Hosed Systems*

## 600-CPFI _ _

FIAT A0.14.01







MN-14-600-62

| bar | psi |
|---|---|
| 600 | 8000 |



SD 517

| bar | psi |
|---|---|
| 517 | 7500 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

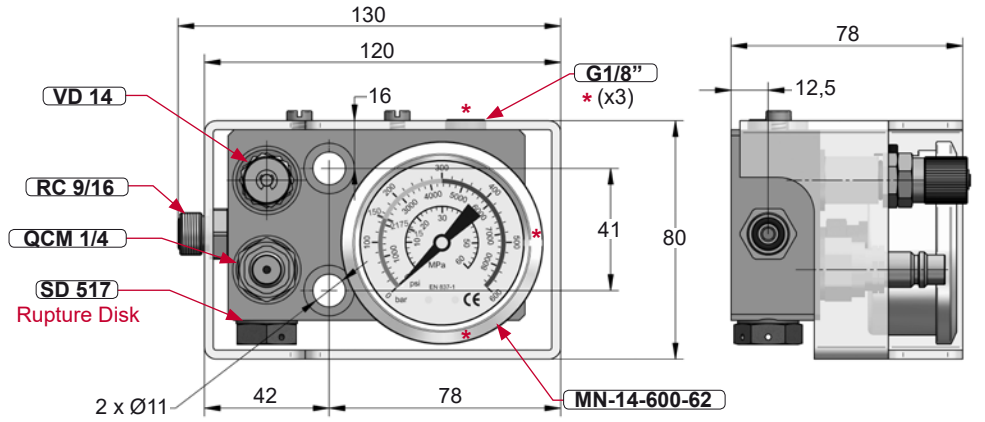
SD 517 SD 517

600-CPFI 01

600-CPFI 02

## 600-CPFO _ _ V1

FORD W-DX-35-72







MN-14-600-62

| bar | psi |
|---|---|
| 600 | 8000 |



SD 517

| bar | psi |
|---|---|
| 517 | 7500 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

SD 517 SD 517

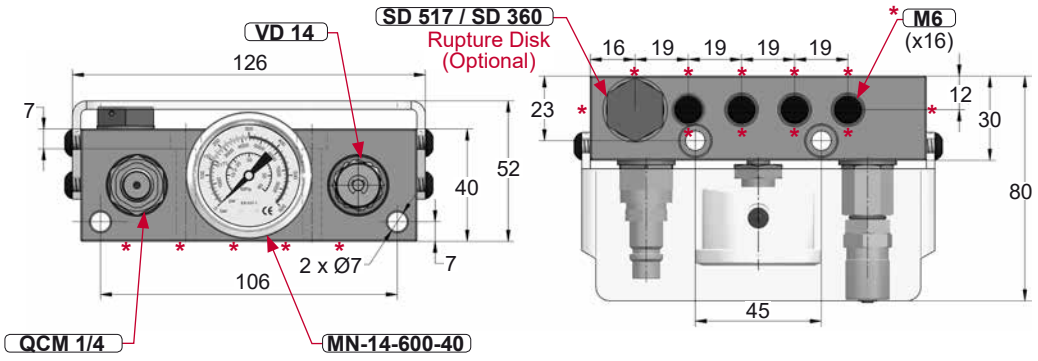
600-CPFO 01 V1

# CONTROL PANELS

*Hosed Systems*

AZOL GAS

## 600-CPM6 _ _







| bar | psi |
|---|---|
| 600 | 8000 |

| bar | psi |
|---|---|
| 517 | 7500 |

| bar | psi |
|---|---|
| 360 | 5220 |

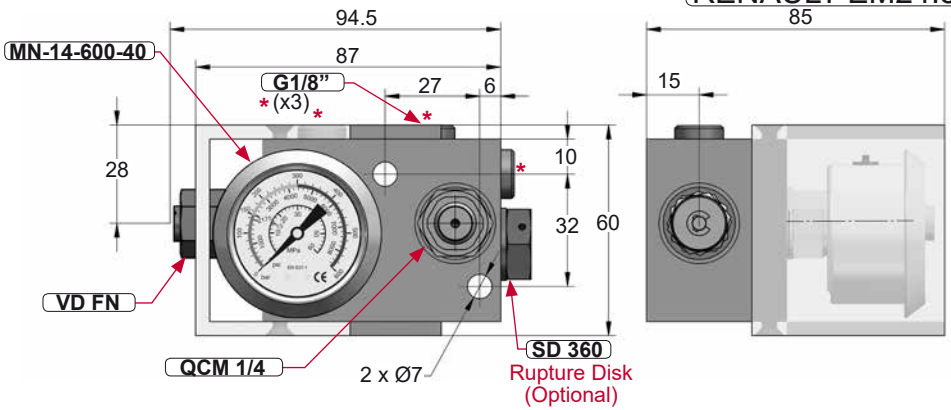
| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

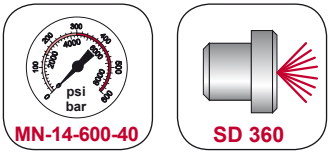
SD | SD 360 | SD 517

600-CPM6 01
600-CPM6 02
600-CPM6 03

## 600-CPGM _ _ V1

GM 90.25
RENAULT EM24.54.700




| bar | psi |
|---|---|
| 600 | 8000 |

| bar | psi |
|---|---|
| 360 | 5220 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

SD 360 | SD 360

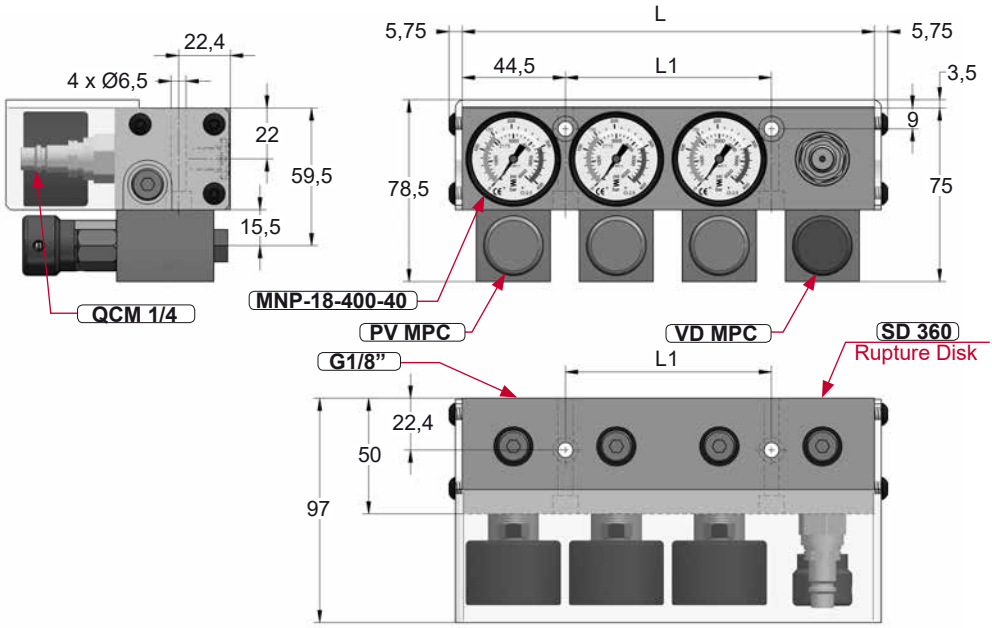
600-CPGM 03 V1
600-CPGM 04 V1

AZOL GAS

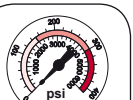
# CONTROL PANELS

*Hosed Systems*

## 400-CPFG _ 01

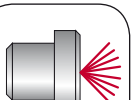



| ORDER | Qty. testing units | L (mm) | L1 (mm) |
|---|---|---|---|
| 400-CPFG2 01 | 2 | 133.5 | 44.5 |
| 400-CPFG3 01 | 3 | 178 | 89 |
| 400-CPFG4 01 | 4 | 222.5 | 133.5 |
| 400-CPFG5 01 | 5 | 267 | 178 |
| 400-CPFG6 01 | 6 | 311.5 | 222.5 |
| 400-CPFG8 01 | 8 | 400.5 | 311.5 |
| 400-CPFG10 01 | 10 | 489.5 | 400.5 |




MNP-18-400-40

| bar | psi |
|---|---|
| 400 | 6000 |



SD 360

| bar | psi |
|---|---|
| 360 | 5220 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |







400-CPFG2 01

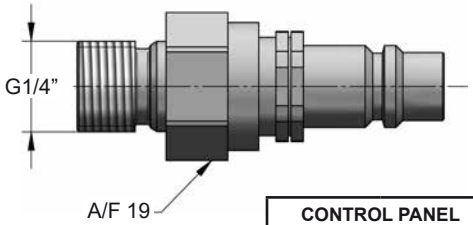
# CONTROL PANELS

*Hosed Systems*

AZOL GAS

## QCM 1/4

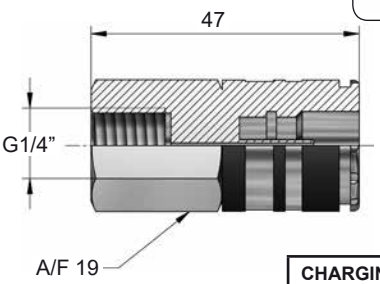





| CONTROL PANEL | |
|---|---|
| 600-CPLC | 600-CPM6 |
| 600-CPTO | 600-CPGM |
| 600-CPFO | 400-CPFG |

## QCF 1/4

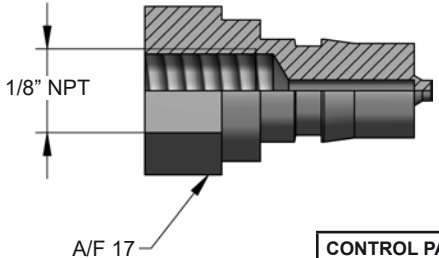





| CHARGING UNIT |
|---|
| EC 37 |
| EC 38 |
| EC 39 |

## QDM 1/8

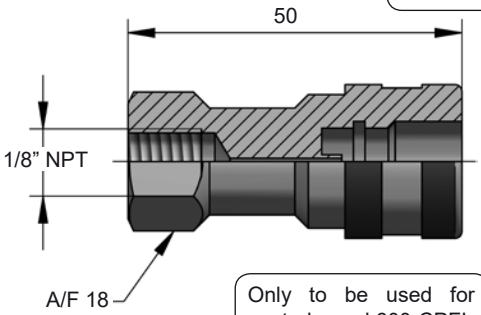





| CONTROL PANEL |
|---|
| 600-CPFI |

## QDF 1/8

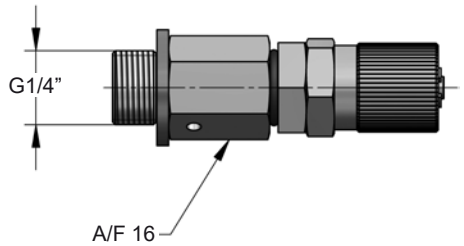





Only to be used for control panel 600-CPFI

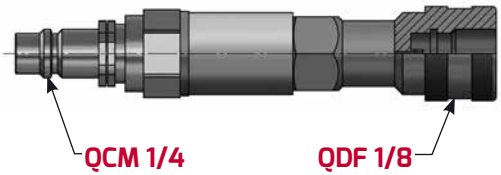
## VD 14






## QDF 1/8-Q





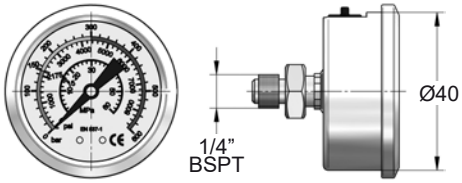

Only to be used for control panel 600-CPFI

AZOL GAS

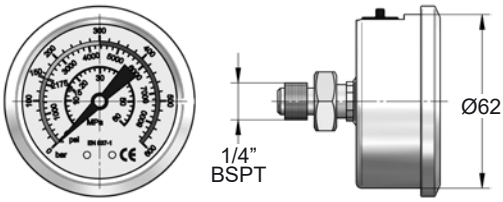
# CONTROL PANELS

*Hosed Systems*

## MN-14-600-40

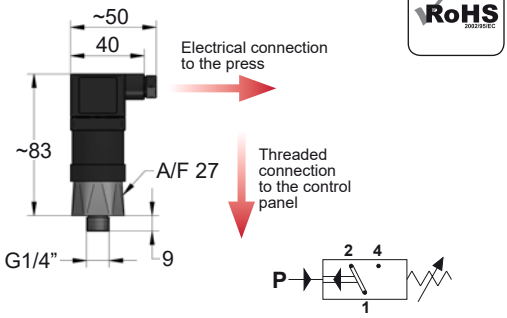



## MN-14-600-62




## SPS 1/4

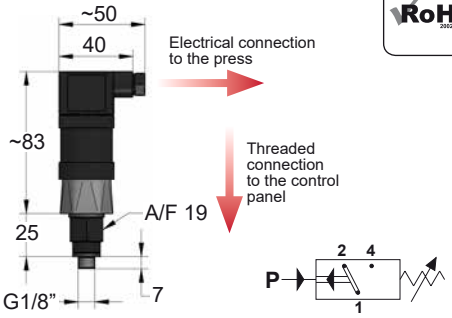
RoHS 2002/95/EC






## SPS 1/8

RoHS 2002/95/EC






## TECHNICAL DATA

| | |
|---|---|
| **Range:** | 50 - 200 bar. |
| **Tolerance:** | ±5 bar a 20 ºC. |
| **Thread:** | G1/4" y G1/8" |
| **Tension:** | Max. 250 V. |
| **Safey over-pressure:** | 300 bar. |
| **Working temperature:** | -25 ºC to +50 ºC. |

If the pressure of the piping circuit drops below a set limit user (optimal minimum operation), the switch sends a signal can be used to either warn or stop mechanism that is associated.

## ADVANTAGES

- Compact design.
- Allows automatic control of piping circuits.
- Alert previously avoiding the production of defective parts.
- Increased efficiency in production.

# ELECTRONIC PRESSURE SWITCH

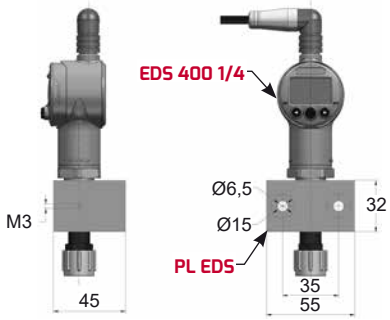
*Hosed Systems*

AZOL GAS

## GM KIT

GM 90.25.225

## EDS GM




Electronic Pressure Switch according to GM standard GM 90.25.225.

It is supplied with EDS 400 1/4 (with 5 meters cable ZBE 90 (90º)) and block PL EDS.

OPTIONS:

Cable 5 meters:
- ZBE R (Straight)

Adapters:
- KRM8 (M8x1)
- SKK L (S12,65x1,5)
- DRM8 (M12x1,5)

## ACCESSORIES

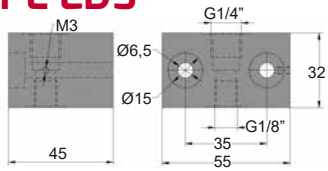
### ZBE R



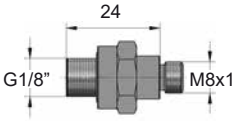
### ZBE 90



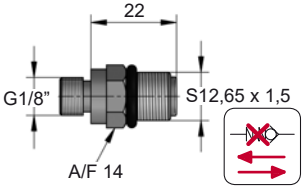
### PL EDS



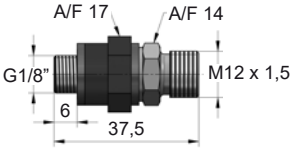

### KRM8



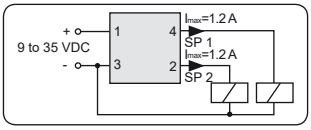

### SKK L




### DRM8




## WARNING







The electronic pressure switch must be connected by a qualified electrician in accordance to the regulations of the country where they will be used.

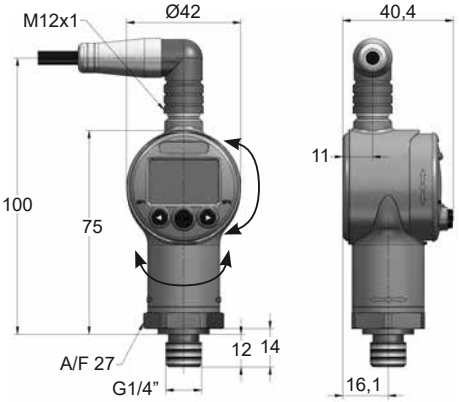
The local and international regulations for the electric equipment installation must be observed.

AZOL GAS

# ELECTRONIC PRESSURE SWITCH

*Hosed Systems*

## EDS 400 1/4



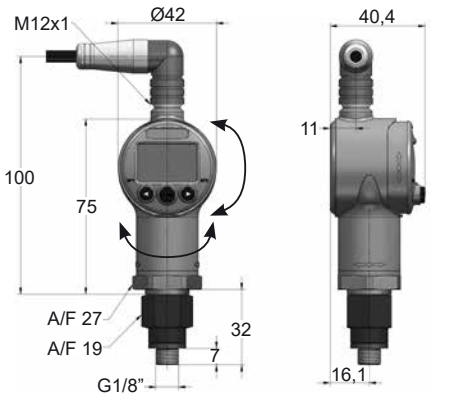

**HOW TO ORDER**




EDS 400 1/4

EDS 400 1/4

## EDS 400 1/8




**HOW TO ORDER**




EDS 400 1/8

EDS 400 1/8

## TECHNICAL DATA

| | |
|---|---|
| **Mechanical connection:** | G1/4" - G1/8" |
| **Measuring range:** | 0 - 400 bar |
| **Max. pressure:** | 800 bar |
| **Burst pressure:** | 2000 bar |
| **Operating temperature:** | -25 ºC to +80 ºC. |
| **Torque:** | 20 Nm |
| **Protection class (IEC 60529)** | IP67 |
| **Weight:** | 120 g |

| | |
|---|---|
| **Switching current:** | max. 1.2 A |
| **Supply voltage:** | 9 - 35 VDC |
| **Electrical connection:** | M12x1 (4 pole) |
| **Output: (2 switching outputs)** | 2 PNP Pin 2,4 |

## APPLICATIONS

The EDS 400 is a compact electronic pressure switch with integrated digital display for relative pressure measurement. It allows control and monitor gas spring hosed systems pressure, and it is recommended when it is necessary to stop any process if pressure is higher or lower to a pre-set value.

The digital display shows the pressure in bar, PSI or MPa and also rotates for a higher versatility.

The electronic pressure switch is equipped with two switching outputs than can be easily programmed.

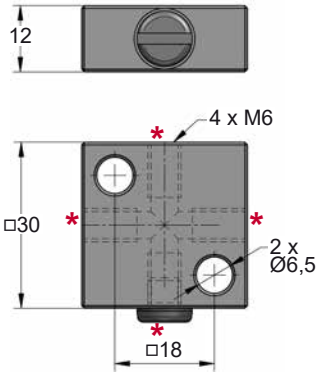
# DISTRIBUTION BLOCKS

*Hosed Systems*

AZOL GAS

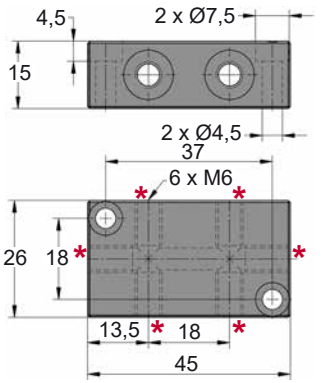
## PLC M6

**4 Ports * M6**



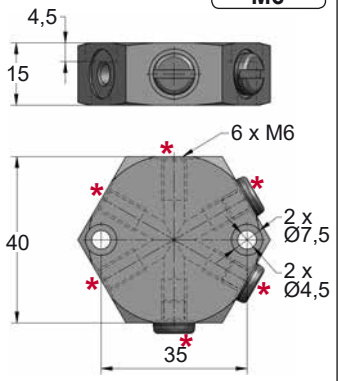

## PLR M6

**6 Ports * M6**



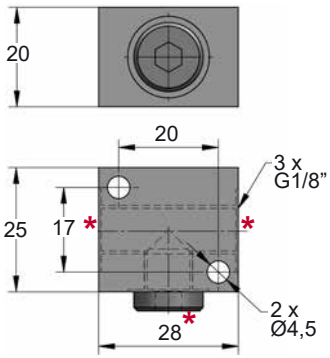

## PLH M6

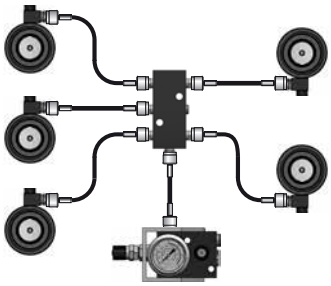
**6 Ports * M6**




## PLD 2

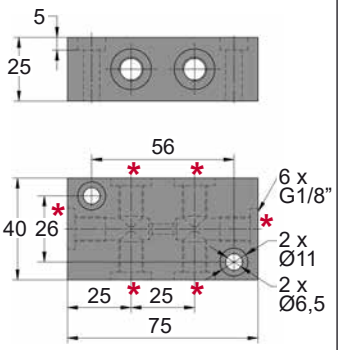
**3 Ports * G1/8”**



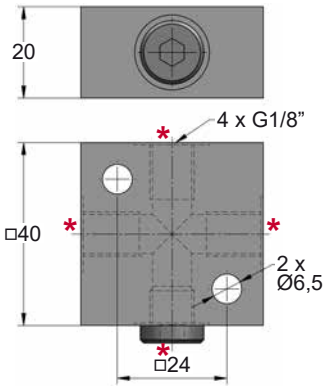
## PLF 4

**6 Ports * G1/8”**



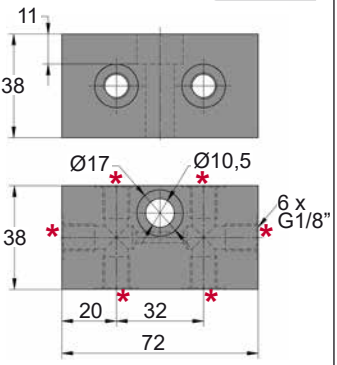

## PLF 2

**4 Ports * G1/8”**



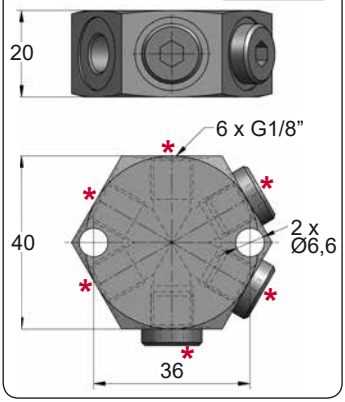

## PLD 4

**6 Ports * G1/8”**




## PLH 1/8

**6 Ports * G1/8”**



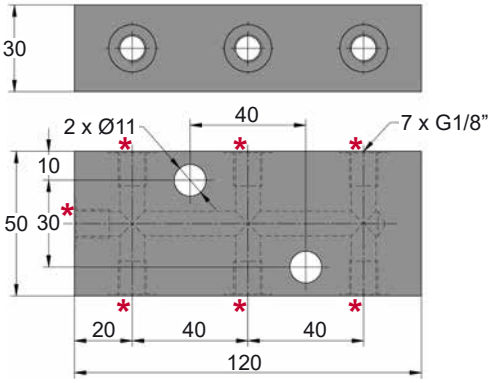
AZOL GAS

# DISTRIBUTION BLOCKS

*Hosed Systems*

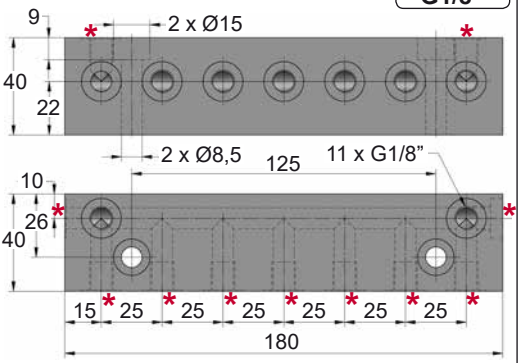
## PLD 6

7 Ports * G1/8”



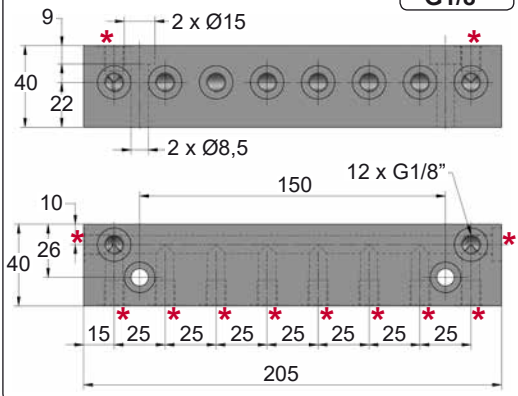

## PLD 7

11 Ports * G1/8”



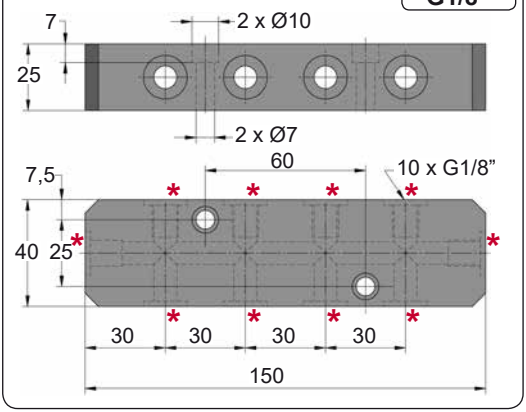

## PLD 8

12 Ports * G1/8”



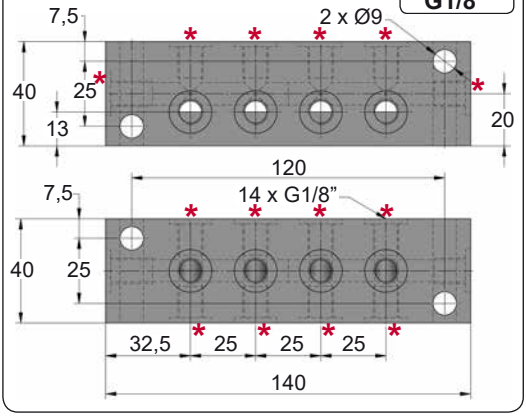

## PLF 8

10 Ports * G1/8”



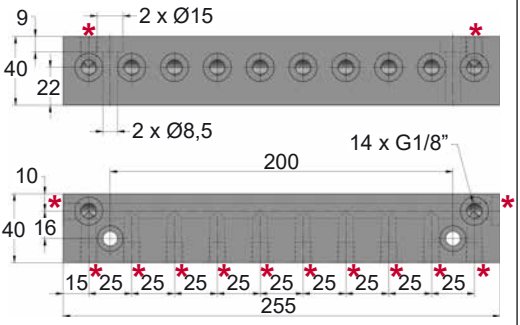

## PLK 8

14 Ports * G1/8”




## PLD 10

14 Ports * G1/8”

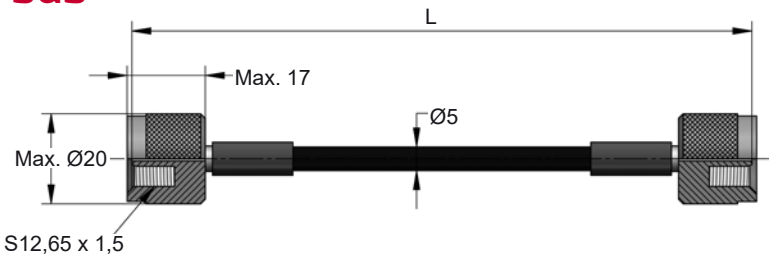


# G1/8" MINIMESS (Ø5)

*Hosed Systems*

AZOL GAS

## SGS




| ORDER | L +5 -0 (mm) |
|---|---|
| SGS 200 | 200 |
| SGS 300 | 300 |
| SGS 400 | 400 |
| SGS 500 | 500 |
| SGS 630 | 630 |
| SGS 800 | 800 |
| SGS 1000 | 1000 |
| SGS 1200 | 1200 |
| SGS 1250 | 1250 |
| SGS 1500 | 1500 |
| SGS 2000 | 2000 |
| SGS 2500 | 2500 |
| SGS 3000 | 3000 |

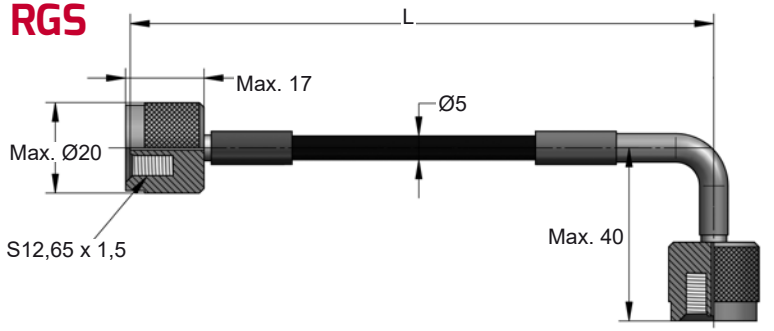
| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |


SGS 200


SGS 200 G

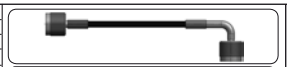
EM.24.54.700
90.25
W-DX35-72
SMS DNH 3217n

## RGS



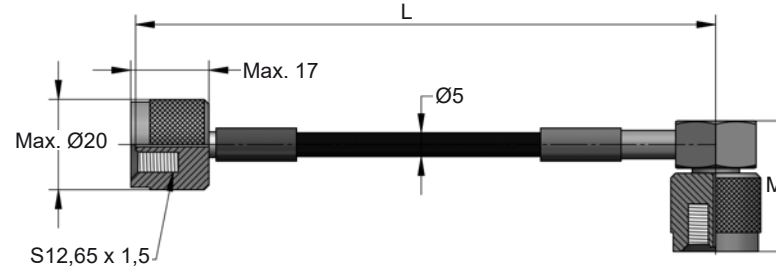

| ORDER | L +5 -0 (mm) |
|---|---|
| RGS 200 | 200 |
| RGS 300 | 300 |
| RGS 400 | 400 |
| RGS 500 | 500 |
| RGS 630 | 630 |
| RGS 800 | 800 |
| RGS 1000 | 1000 |
| RGS 1200 | 1200 |
| RGS 1250 | 1250 |
| RGS 1500 | 1500 |
| RGS 2000 | 2000 |
| RGS 2500 | 2500 |
| RGS 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |


RGS 200


RGS 200 G

## PGS




| ORDER | L +5 -0 (mm) |
|---|---|
| PGS 200 | 200 |
| PGS 300 | 300 |
| PGS 400 | 400 |
| PGS 500 | 500 |
| PGS 630 | 630 |
| PGS 800 | 800 |
| PGS 1000 | 1000 |
| PGS 1200 | 1200 |
| PGS 1250 | 1250 |
| PGS 1500 | 1500 |
| PGS 2000 | 2000 |
| PGS 2500 | 2500 |
| PGS 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |


PGS 200


PGS 200 G

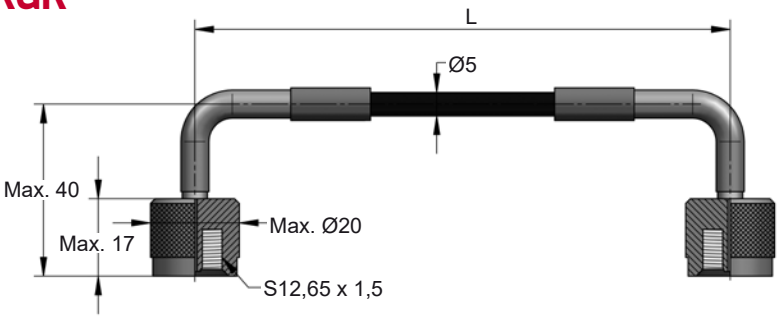
EM.24.54.700
90.25
W-DX35-72
SMS DNH 3217n

AZOL GAS

# G1/8" MINIMESS (Ø5)

*Hosed Systems*

## RGR

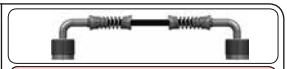



| ORDER | L +5 -0 (mm) |
|---|---|
| RGR 200 | 200 |
| RGR 300 | 300 |
| RGR 400 | 400 |
| RGR 500 | 500 |
| RGR 630 | 630 |
| RGR 800 | 800 |
| RGR 1000 | 1000 |
| RGR 1200 | 1200 |
| RGR 1250 | 1250 |
| RGR 1500 | 1500 |
| RGR 2000 | 2000 |
| RGR 2500 | 2500 |
| RGR 3000 | 3000 |

| ENG | ORDER |
|---|---|
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

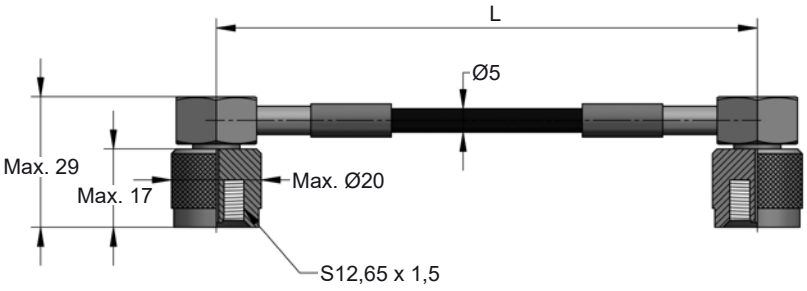


RGR 200



RGR 200 G

## PGP




| ORDER | L +5 -0 (mm) |
|---|---|
| PGP 200 | 200 |
| PGP 300 | 300 |
| PGP 400 | 400 |
| PGP 500 | 500 |
| PGP 630 | 630 |
| PGP 800 | 800 |
| PGP 1000 | 1000 |
| PGP 1200 | 1200 |
| PGP 1250 | 1250 |
| PGP 1500 | 1500 |
| PGP 2000 | 2000 |
| PGP 2500 | 2500 |
| PGP 3000 | 3000 |

| ENG | ORDER |
|---|---|
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



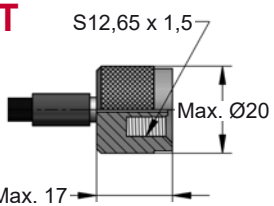
PGP 200



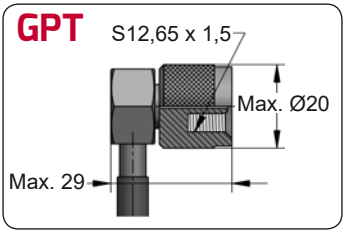
PGP 200 G

EM.24.54.700
90.25
W-DX35-72
SMS DNH 3217n

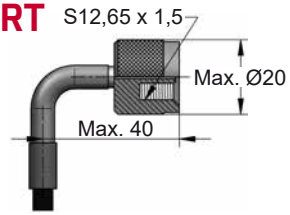
## GST




## GPT




## GRT




## GF 02

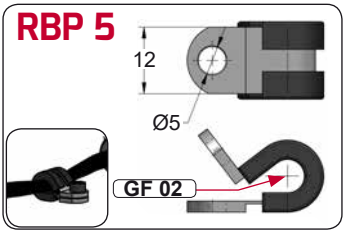



Pmax 630 bar

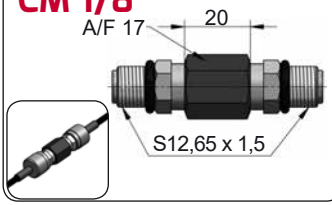
Tmax 100 ºC

Rmin 20 mm

## RBP 5




## CM 1/8

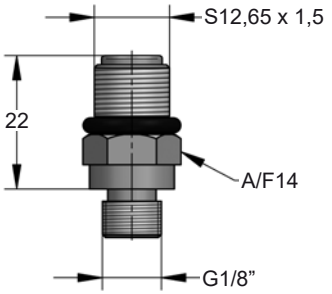


# G1/8” MINIMESS (Ø5)

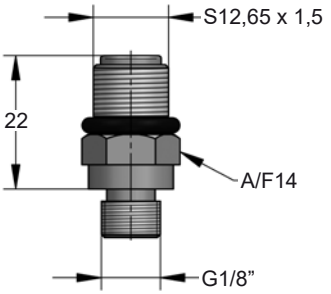
*Hosed Systems*

AZOL GAS

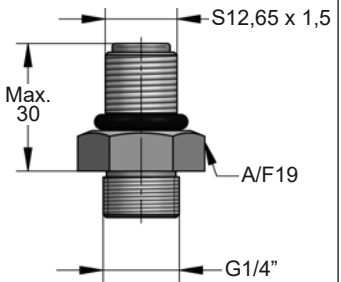
## SKK 12R 1/8



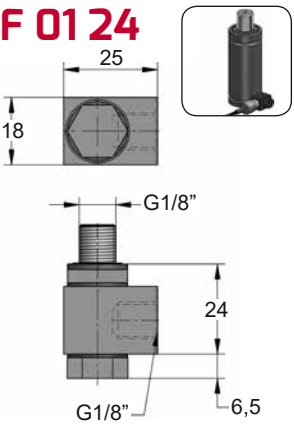

## SKK L



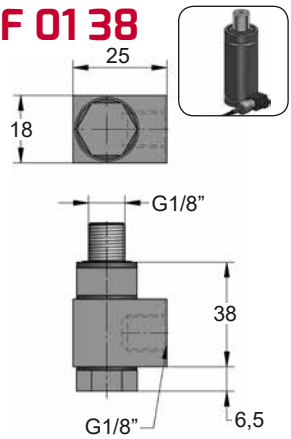

## SKK 12R 1/4



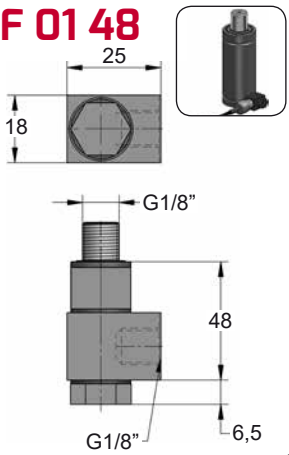

## CF 01 24



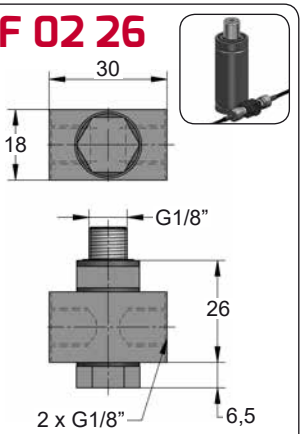

## CF 01 38



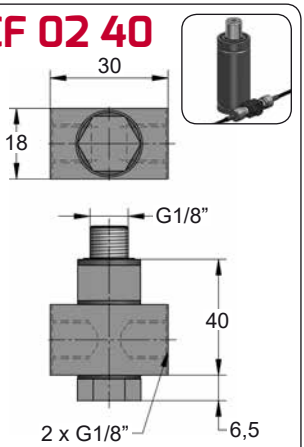

## CF 01 48



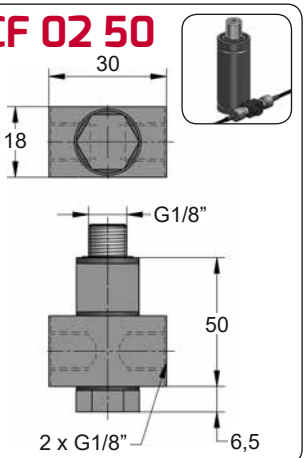

## CF 02 26




## CF 02 40




## CF 02 50



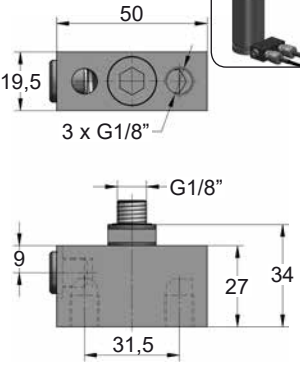
AZOL GAS

# G1/8" MINIMESS (Ø5)

*Hosed Systems*

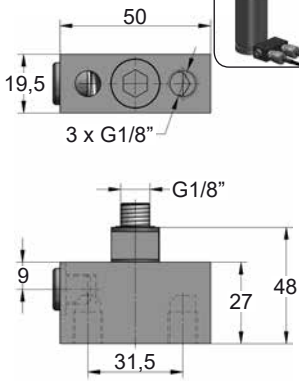
## CF 03 34





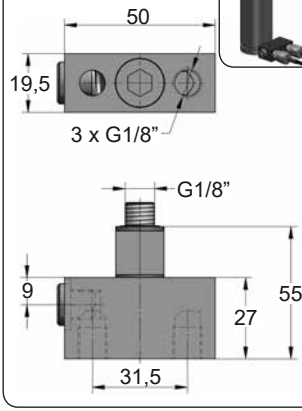

## CF 03 48





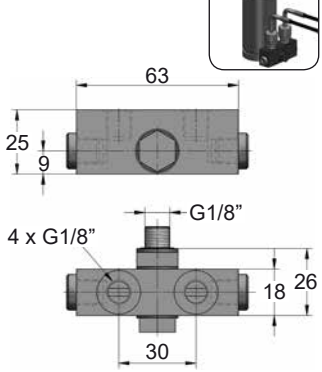

## CF 03 55





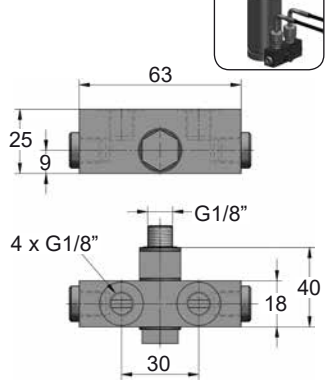

## CF 04 26





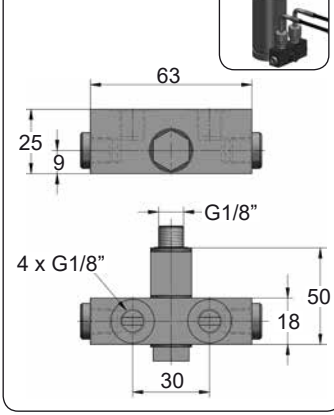

## CF 04 40





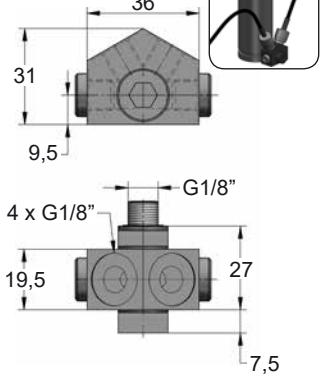

## CF 04 50





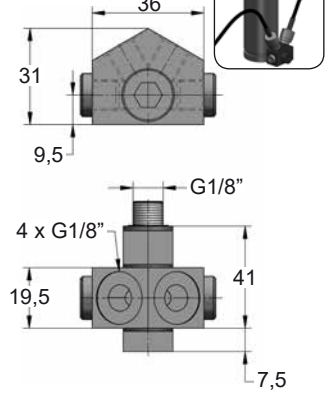

## CF 05 27





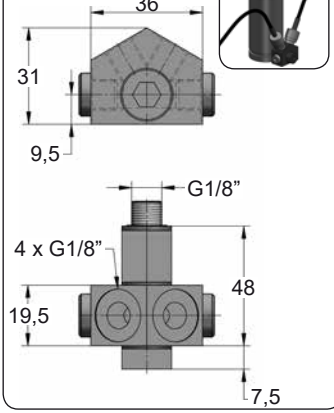

## CF 05 41






## CF 05 48



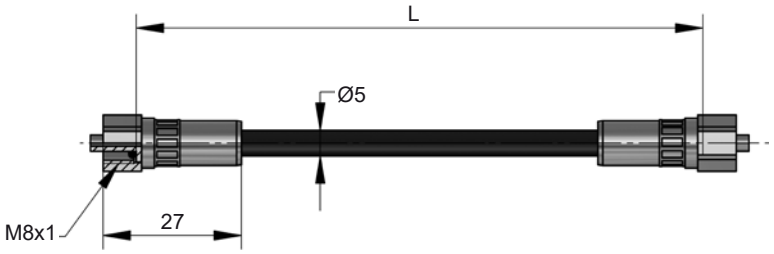


# M8 x 1 (Ø5)

*Hosed Systems*

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## BK




| ORDER | L +5 -0 (mm) |
|---|---|
| BK 200 | 200 |
| BK 300 | 300 |
| BK 400 | 400 |
| BK 500 | 500 |
| BK 630 | 630 |
| BK 800 | 800 |
| BK 1000 | 1000 |
| BK 1200 | 1200 |
| BK 1250 | 1250 |
| BK 1500 | 1500 |
| BK 2000 | 2000 |
| BK 2500 | 2500 |
| BK 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

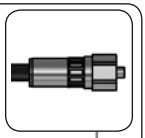


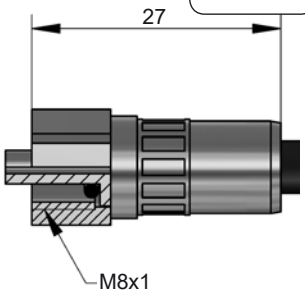
BK 200



BK 200 G

## BKRT






## GF 02





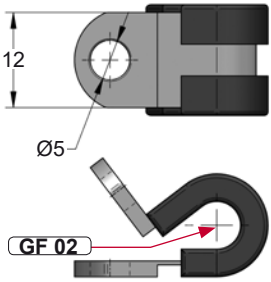

Pmax 400 bar

Tmax 100 °C

Rmin 20 mm

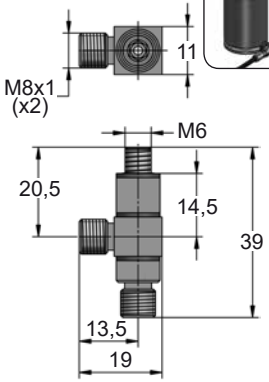
## RBP 5





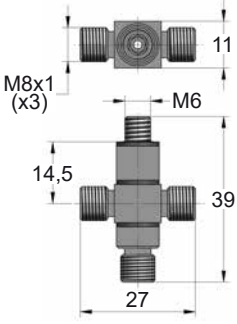

## 90 R BK1





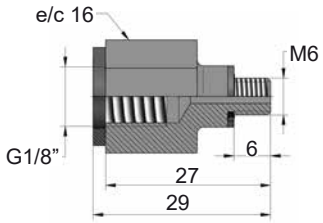

## TE R BK1






## 06 GA 9





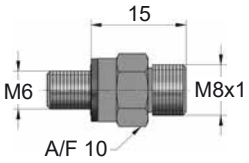
AZOL GAS

# M8 x 1 (Ø5)

*Hosed Systems*

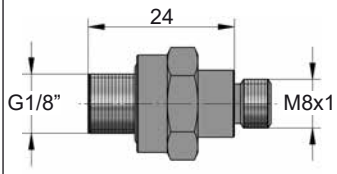
## KRM6





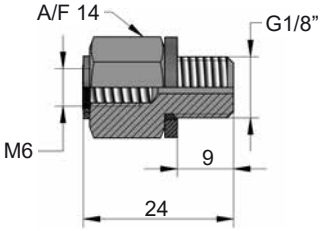

## KRM8





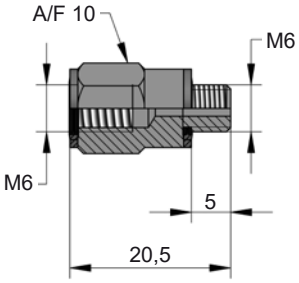

## 18 MS 1





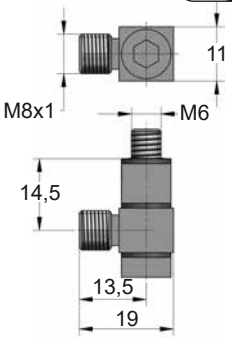

## 06 MS 3





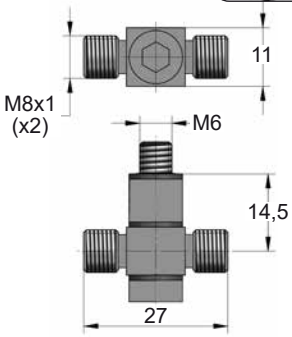

## 90 BK1





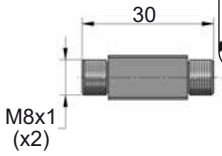

## TE BK1






## KRMK1

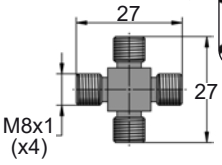





## KXMK

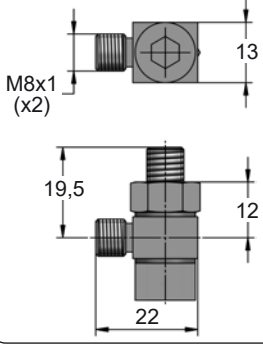
New





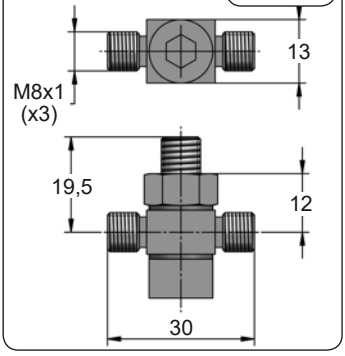

## KCMK1






## KTMK1



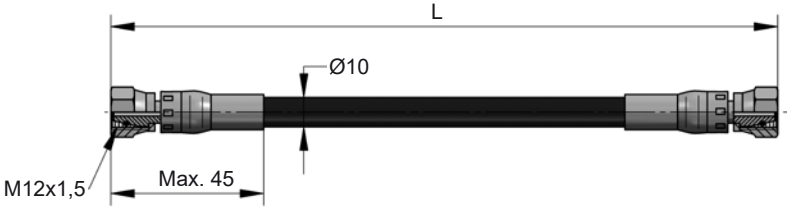


# M12 x 1,5 (Ø10)

*Hosed Systems*

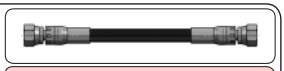
AZOL GAS

## TNRR



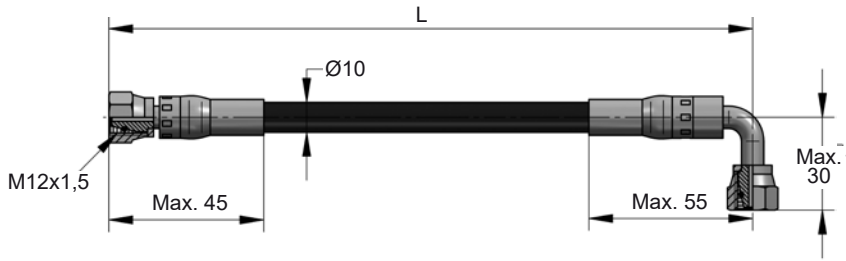

| ORDER | L +5 -0 (mm) |
|---|---|
| TNRR 200 | 200 |
| TNRR 300 | 300 |
| TNRR 400 | 400 |
| TNRR 500 | 500 |
| TNRR 630 | 630 |
| TNRR 800 | 800 |
| TNRR 1000 | 1000 |
| TNRR 1200 | 1200 |
| TNRR 1250 | 1250 |
| TNRR 1500 | 1500 |
| TNRR 2000 | 2000 |
| TNRR 2500 | 2500 |
| TNRR 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



TNRR 200

## TNRL



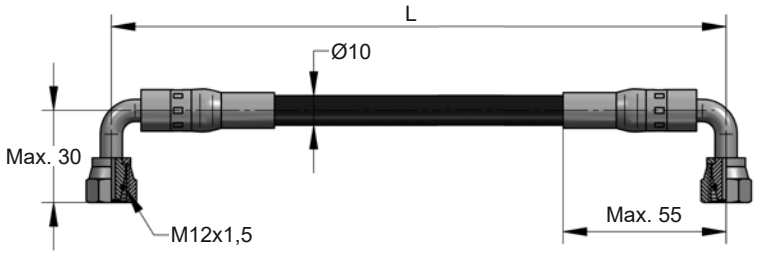

| ORDER | L +5 -0 (mm) |
|---|---|
| TNRL 200 | 200 |
| TNRL 300 | 300 |
| TNRL 400 | 400 |
| TNRL 500 | 500 |
| TNRL 630 | 630 |
| TNRL 800 | 800 |
| TNRL 1000 | 1000 |
| TNRL 1200 | 1200 |
| TNRL 1250 | 1250 |
| TNRL 1500 | 1500 |
| TNRL 2000 | 2000 |
| TNRL 2500 | 2500 |
| TNRL 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



TNRL 200

## TNLL




| ORDER | L +5 -0 (mm) |
|---|---|
| TNLL 200 | 200 |
| TNLL 300 | 300 |
| TNLL 400 | 400 |
| TNLL 500 | 500 |
| TNLL 630 | 630 |
| TNLL 800 | 800 |
| TNLL 1000 | 1000 |
| TNLL 1200 | 1200 |
| TNLL 1250 | 1250 |
| TNLL 1500 | 1500 |
| TNLL 2000 | 2000 |
| TNLL 2500 | 2500 |
| TNLL 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



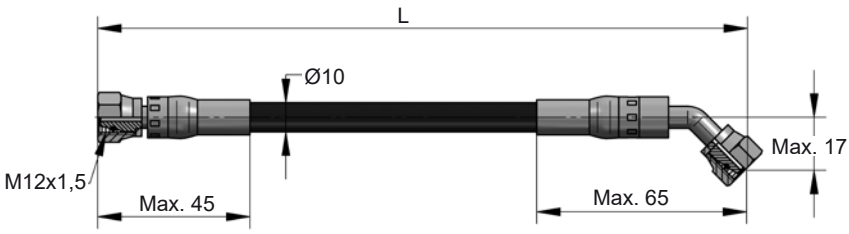
TNLL 200

AZOL GAS

# M12 x 1,5 (Ø10)

*Hosed Systems*

## TNRC



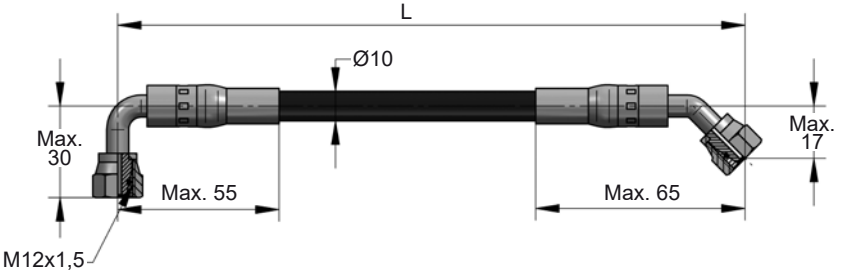

| ORDER | $L^{+5}_{-0}$ (mm) |
|---|---|
| TNRC 200 | 200 |
| TNRC 300 | 300 |
| TNRC 400 | 400 |
| TNRC 500 | 500 |
| TNRC 630 | 630 |
| TNRC 800 | 800 |
| TNRC 1000 | 1000 |
| TNRC 1200 | 1200 |
| TNRC 1250 | 1250 |
| TNRC 1500 | 1500 |
| TNRC 2000 | 2000 |
| TNRC 2500 | 2500 |
| TNRC 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



TNRC 200

## TNLC



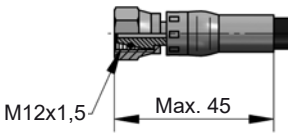

| ORDER | $L^{+5}_{-0}$ (mm) |
|---|---|
| TNLC 200 | 200 |
| TNLC 300 | 300 |
| TNLC 400 | 400 |
| TNLC 500 | 500 |
| TNLC 630 | 630 |
| TNLC 800 | 800 |
| TNLC 1000 | 1000 |
| TNLC 1200 | 1200 |
| TNLC 1250 | 1250 |
| TNLC 1500 | 1500 |
| TNLC 2000 | 2000 |
| TNLC 2500 | 2500 |
| TNLC 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

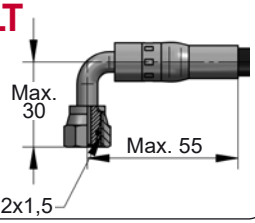


TNLC 200

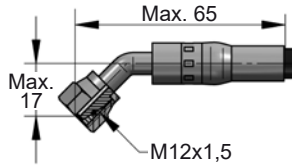
## TNRT




## TNLT




## TNCT

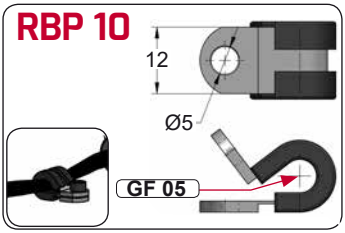



## GF 05




| Pmax | Tmax | Rmin |
|---|---|---|
| 345 bar | 100 ºC | 40 mm |

## RBP 10



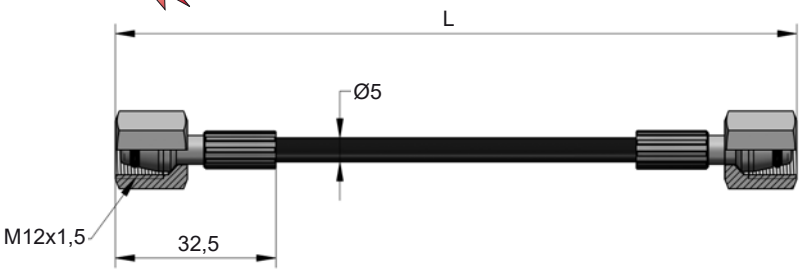
# M12 x 1,5 (Ø5)

*Hosed Systems*

AZOL GAS

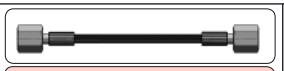
## HJRR



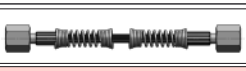




| ORDER | L +5 -0 (mm) |
|---|---|
| HJRR 200 | 200 |
| HJRR 300 | 300 |
| HJRR 400 | 400 |
| HJRR 500 | 500 |
| HJRR 630 | 630 |
| HJRR 800 | 800 |
| HJRR 1000 | 1000 |
| HJRR 1200 | 1200 |
| HJRR 1250 | 1250 |
| HJRR 1500 | 1500 |
| HJRR 2000 | 2000 |
| HJRR 2500 | 2500 |
| HJRR 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



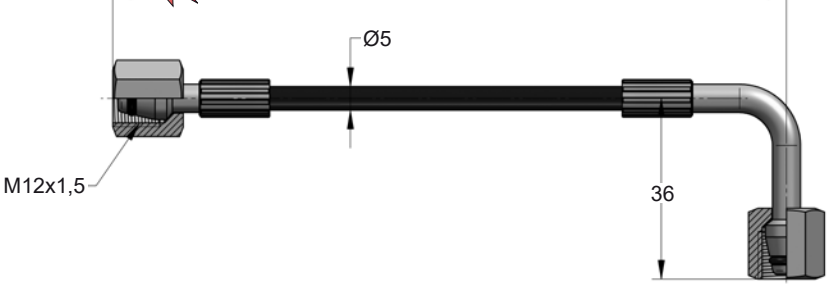
HJRR 200



HJRR 200 G

## HJRL




| ORDER | L +5 -0 (mm) |
|---|---|
| HJRL 200 | 200 |
| HJRL 300 | 300 |
| HJRL 400 | 400 |
| HJRL 500 | 500 |
| HJRL 630 | 630 |
| HJRL 800 | 800 |
| HJRL 1000 | 1000 |
| HJRL 1200 | 1200 |
| HJRL 1250 | 1250 |
| HJRL 1500 | 1500 |
| HJRL 2000 | 2000 |
| HJRL 2500 | 2500 |
| HJRL 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



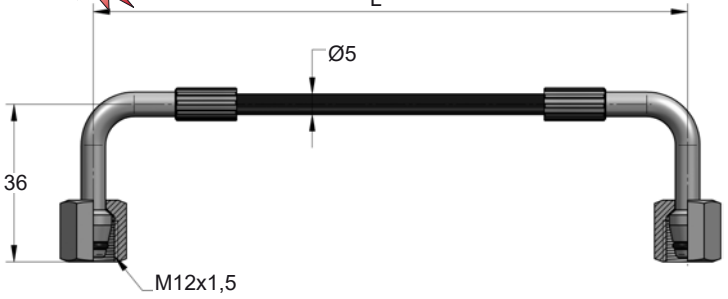
HJRL 200



HJRL 200 G

## HJLL



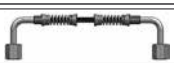




| ORDER | L +5 -0 (mm) |
|---|---|
| HJLL 200 | 200 |
| HJLL 300 | 300 |
| HJLL 400 | 400 |
| HJLL 500 | 500 |
| HJLL 630 | 630 |
| HJLL 800 | 800 |
| HJLL 1000 | 1000 |
| HJLL 1200 | 1200 |
| HJLL 1250 | 1250 |
| HJLL 1500 | 1500 |
| HJLL 2000 | 2000 |
| HJLL 2500 | 2500 |
| HJLL 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



HJLL 200



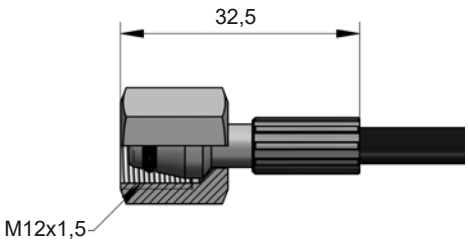
HJLL 200 G

AZOL GAS

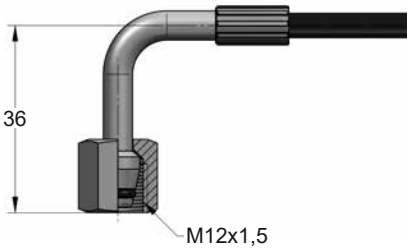
# M12 x 1,5 (Ø5)

*Hosed Systems*

## HJRT




## HJLT




## GF 02

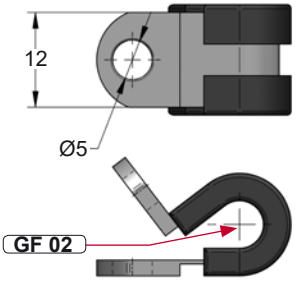





| Pmax | Tmax | Rmin |
|---|---|---|
| 345 bar | 100 ºC | 20 mm |

## RBP 5





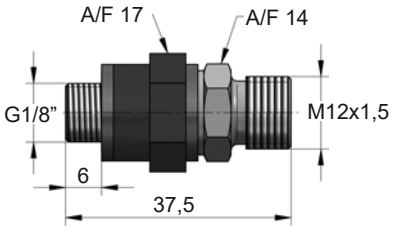
# M12 x 1,5 (Ø5/Ø10)

*Hosed Systems*

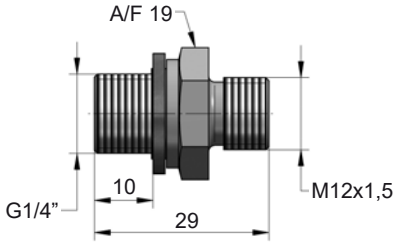
AZOL GAS

## DRM8



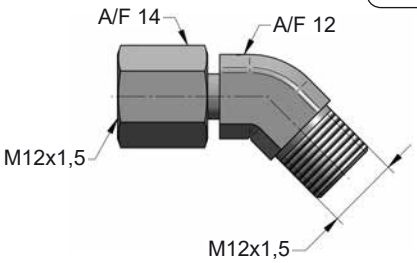



## DRM4



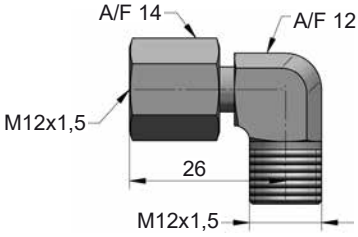

## DLFD





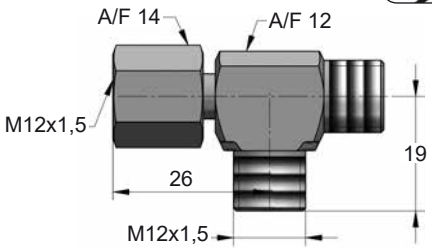

## DCFD





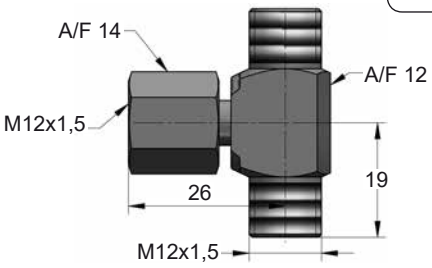

## DWFD






## DTFD





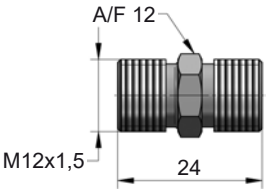
AZOL GAS

# M12 x 1,5 (Ø5/Ø10)

*Hosed Systems*

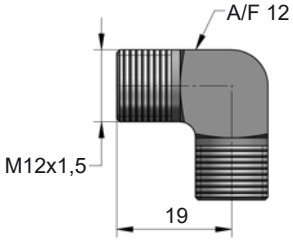
## DIMD





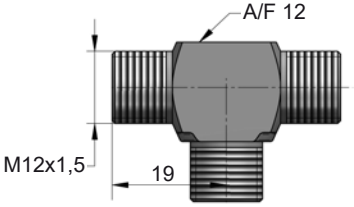

## DCMD





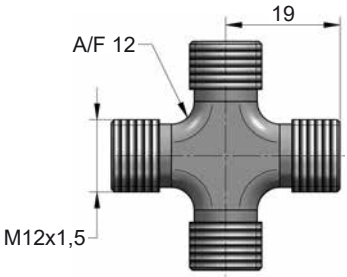

## DTMD






## DXMD





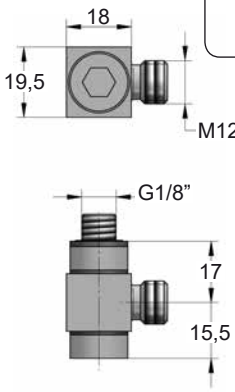
# M12 x 1,5 (Ø5/Ø10)

*Hosed Systems*

AZOL GAS

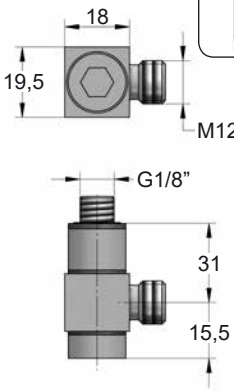
## DM 01 17





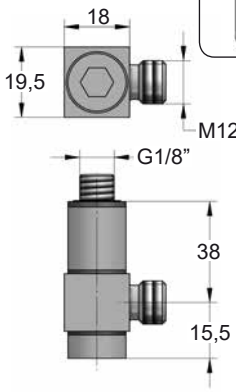

## DM 01 31





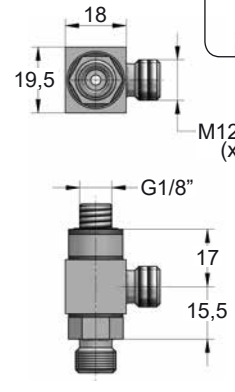

## DM 01 38





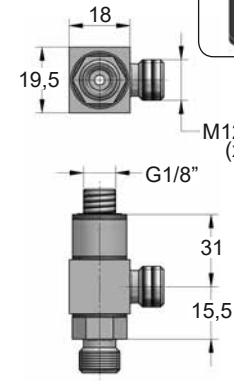

## DM 02 43





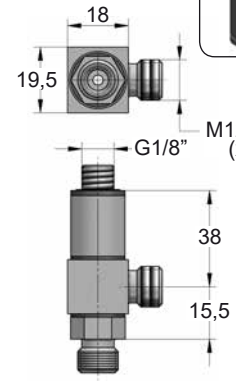

## DM 02 57





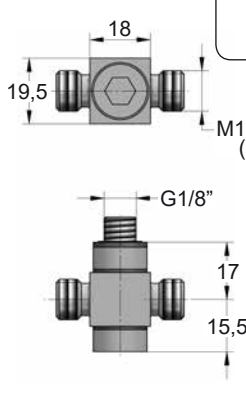

## DM 02 64





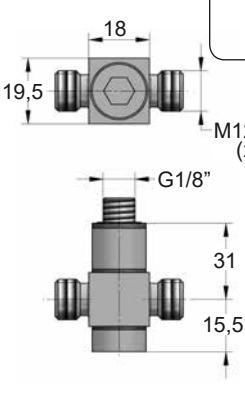

## DM 03 17





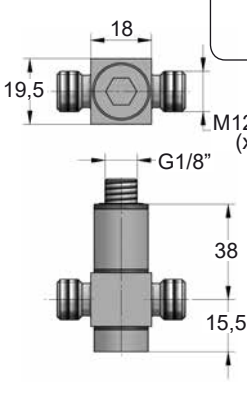

## DM 03 31






## DM 03 38



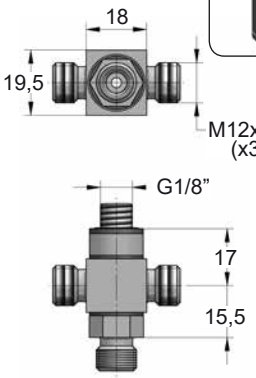


AZOL GAS

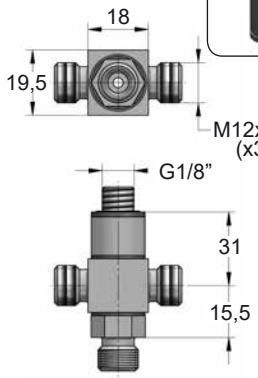
# M12 x 1,5 (Ø5/Ø10)

Hosed Systems

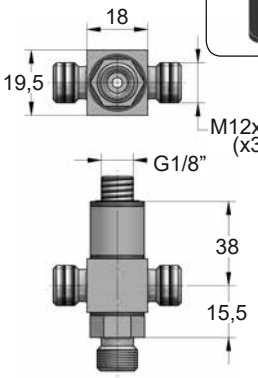
## DM 04 43




## DM 04 57




## DM 04 64

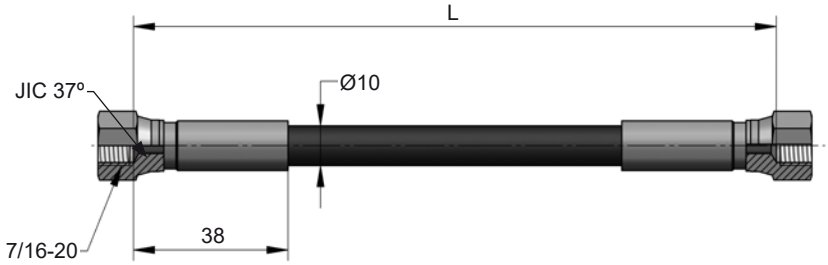


# 7/16" UNF (Ø10)

*Hosed Systems*

AZOL GAS

## TFRR



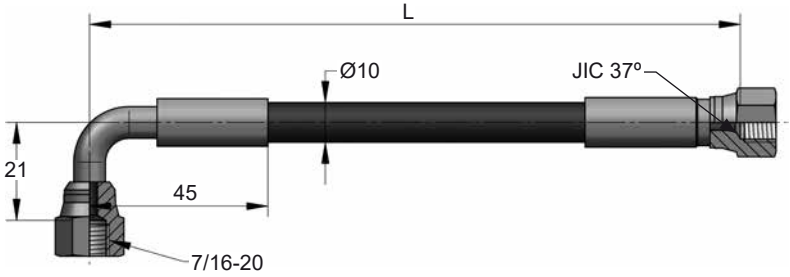

| ENG | ORDER |
|---|---|
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



TFRR 200

| ORDER | L +5 -0 (mm) |
|---|---|
| TFRR 200 | 200 |
| TFRR 300 | 300 |
| TFRR 400 | 400 |
| TFRR 500 | 500 |
| TFRR 630 | 630 |
| TFRR 800 | 800 |
| TFRR 1000 | 1000 |
| TFRR 1200 | 1200 |
| TFRR 1250 | 1250 |
| TFRR 1500 | 1500 |
| TFRR 2000 | 2000 |
| TFRR 2500 | 2500 |
| TFRR 3000 | 3000 |

## TFRL



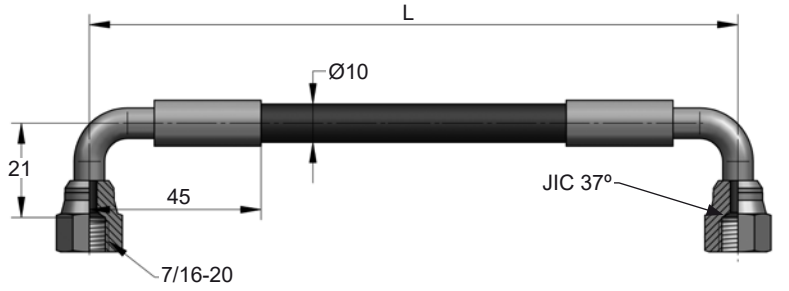

| ENG | ORDER |
|---|---|
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



TFRL 200

| ORDER | L +5 -0 (mm) |
|---|---|
| TFRL 200 | 200 |
| TFRL 300 | 300 |
| TFRL 400 | 400 |
| TFRL 500 | 500 |
| TFRL 630 | 630 |
| TFRL 800 | 800 |
| TFRL 1000 | 1000 |
| TFRL 1200 | 1200 |
| TFRL 1250 | 1250 |
| TFRL 1500 | 1500 |
| TFRL 2000 | 2000 |
| TFRL 2500 | 2500 |
| TFRL 3000 | 3000 |

## TFLL




| ENG | ORDER |
|---|---|
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



TFLL 200

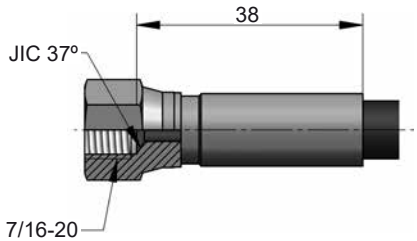
| ORDER | L +5 -0 (mm) |
|---|---|
| TFLL 200 | 200 |
| TFLL 300 | 300 |
| TFLL 400 | 400 |
| TFLL 500 | 500 |
| TFLL 630 | 630 |
| TFLL 800 | 800 |
| TFLL 1000 | 1000 |
| TFLL 1200 | 1200 |
| TFLL 1250 | 1250 |
| TFLL 1500 | 1500 |
| TFLL 2000 | 2000 |
| TFLL 2500 | 2500 |
| TFLL 3000 | 3000 |

AZOL GAS

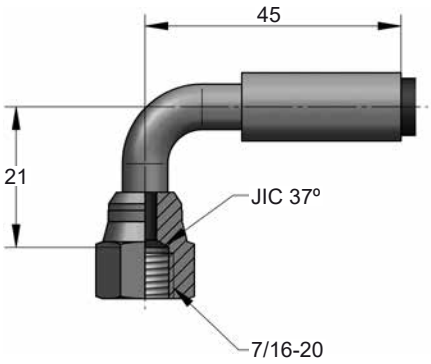
# 7/16" UNF (Ø10)

*Hosed Systems*

## TFRT




## TFLT




## GF 05

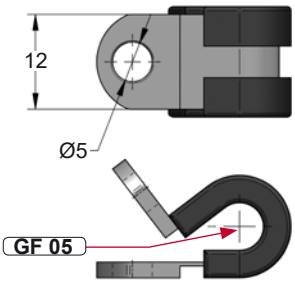





Pmax 345 bar | Tmax 100 ºC | Rmin 40 mm

## RBP 10



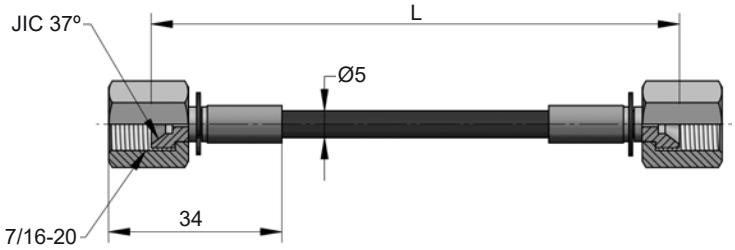


# 7/16" UNF (Ø5)

*Hosed Systems*

AZOL GAS

## SMRR




| ORDER | $L^{+5}_{-0}$ (mm) |
|---|---|
| SMRR 200 | 200 |
| SMRR 300 | 300 |
| SMRR 400 | 400 |
| SMRR 500 | 500 |
| SMRR 630 | 630 |
| SMRR 800 | 800 |
| SMRR 1000 | 1000 |
| SMRR 1200 | 1200 |
| SMRR 1250 | 1250 |
| SMRR 1500 | 1500 |
| SMRR 2000 | 2000 |
| SMRR 2500 | 2500 |
| SMRR 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



SMRR 200



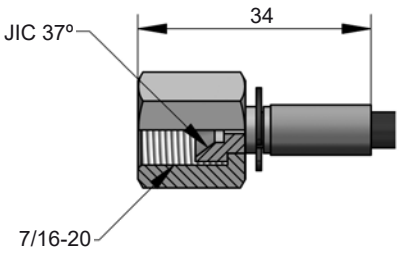
SMRR 200 G

AZOL GAS

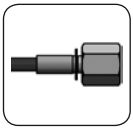
# 7/16" UNF (Ø5)

*Hosed Systems*

## SMRT




## GF 02

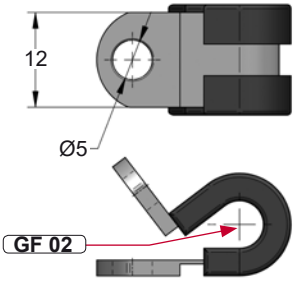





Pmax 345 bar | Tmax 100 ºC | Rmin 20 mm

## RBP 5





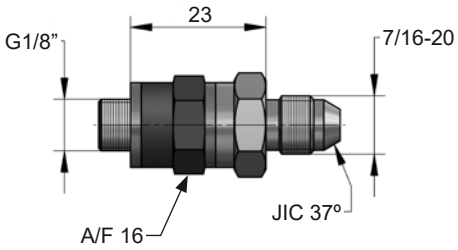
# 7/16" UNF (Ø5/Ø10)

*Hosed Systems*

AZOL GAS

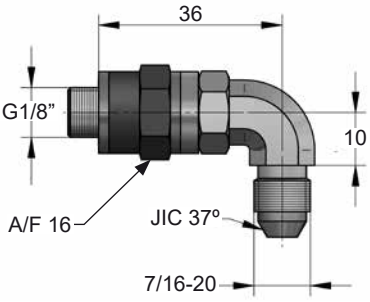
## 7RM8





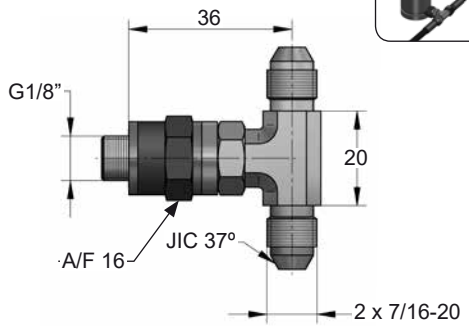

## 7CM8





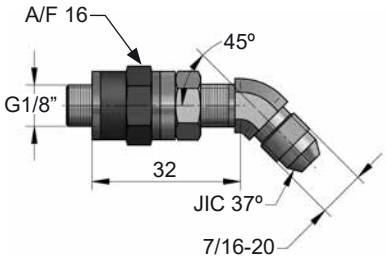

## 7EM8





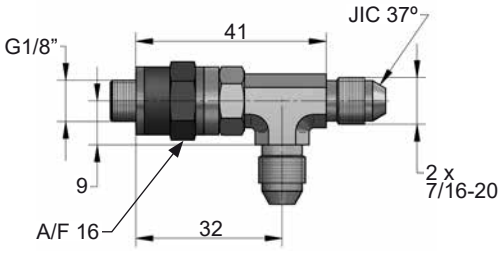

## 7LM8





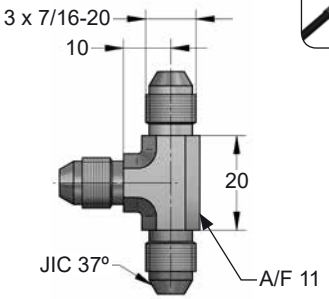

## 7TL8






## 7TM7





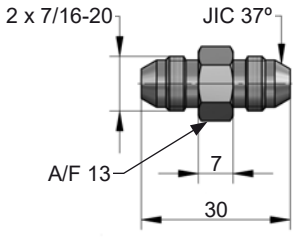
AZOL GAS

# 7/16" UNF (Ø5/Ø10)

*Hosed Systems*

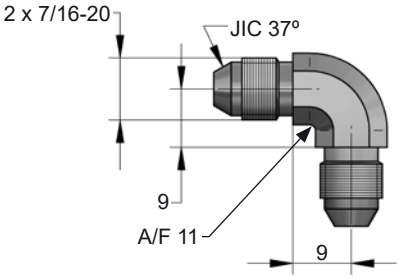
## 7IM7





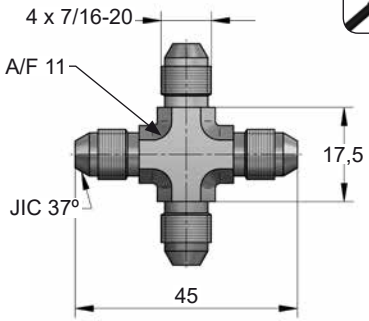

## 7NM7





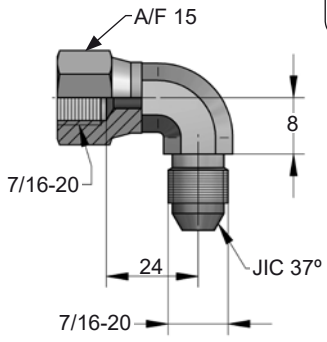

## 7XM7





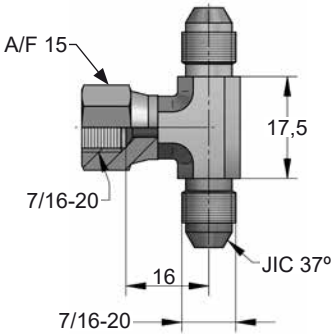

## 7CF7





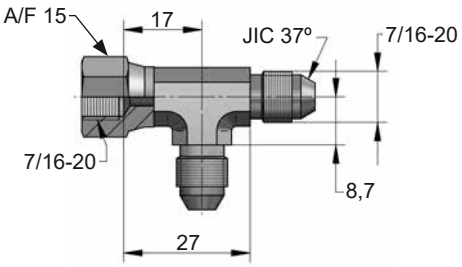

## 7TF7






## 7WF7



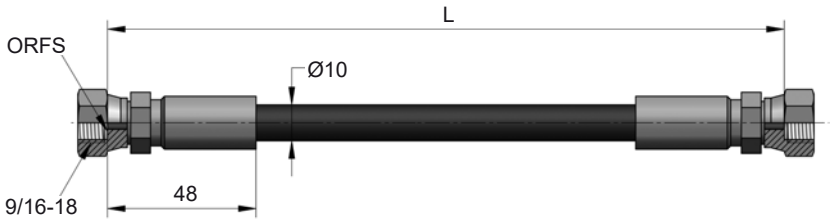


# 9/16" UNF (Ø10)

*Hosed Systems*

AZOL GAS

## MCRR



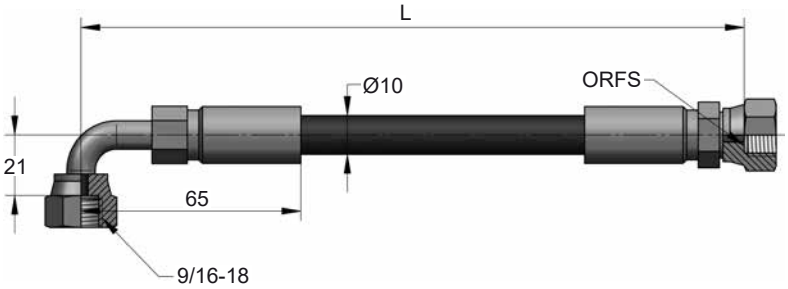

| ORDER | L +5 -0 (mm) |
|---|---|
| MCRR 200 | 200 |
| MCRR 300 | 300 |
| MCRR 400 | 400 |
| MCRR 500 | 500 |
| MCRR 630 | 630 |
| MCRR 800 | 800 |
| MCRR 1000 | 1000 |
| MCRR 1200 | 1200 |
| MCRR 1250 | 1250 |
| MCRR 1500 | 1500 |
| MCRR 2000 | 2000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



MCRR 200

## MCRL



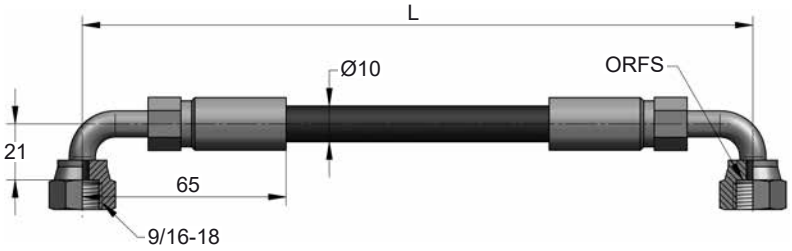

| ORDER | L +5 -0 (mm) |
|---|---|
| MCRL 200 | 200 |
| MCRL 300 | 300 |
| MCRL 400 | 400 |
| MCRL 500 | 500 |
| MCRL 630 | 630 |
| MCRL 800 | 800 |
| MCRL 1000 | 1000 |
| MCRL 1200 | 1200 |
| MCRL 1250 | 1250 |
| MCRL 1500 | 1500 |
| MCRL 2000 | 2000 |
| MCRL 2500 | 2500 |
| MCRL 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



MCRL 200

## MCLL




| ORDER | L +5 -0 (mm) |
|---|---|
| MCLL 200 | 200 |
| MCLL 300 | 300 |
| MCLL 400 | 400 |
| MCLL 500 | 500 |
| MCLL 630 | 630 |
| MCLL 800 | 800 |
| MCLL 1000 | 1000 |
| MCLL 1200 | 1200 |
| MCLL 1250 | 1250 |
| MCLL 1500 | 1500 |
| MCLL 2000 | 2000 |
| MCLL 2500 | 2500 |
| MCLL 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



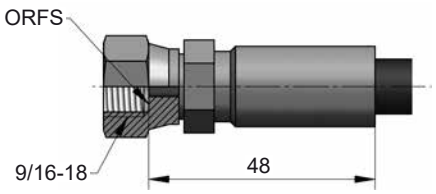
MCLL 200

AZOL GAS

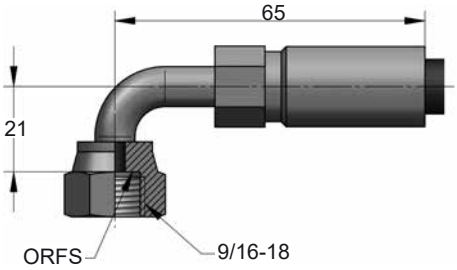
# 9/16" UNF (Ø10)

*Hosed Systems*

## MCRT

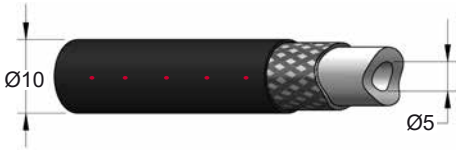



## MCLT




## GF 05

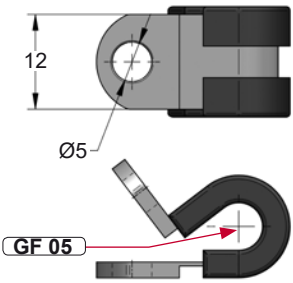





Pmax 345 bar | Tmax 100 ºC | Rmin 40 mm

## RBP 10



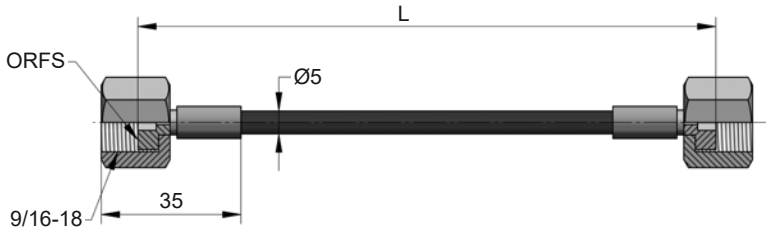


# 9/16" UNF (Ø5)

*Hosed Systems*

AZOL GAS

## GTRR




| ORDER | L +5 -0 (mm) |
|---|---|
| GTRR 200 | 200 |
| GTRR 300 | 300 |
| GTRR 400 | 400 |
| GTRR 500 | 500 |
| GTRR 630 | 630 |
| GTRR 800 | 800 |
| GTRR 1000 | 1000 |
| GTRR 1200 | 1200 |
| GTRR 1250 | 1250 |
| GTRR 1500 | 1500 |
| GTRR 2000 | 2000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

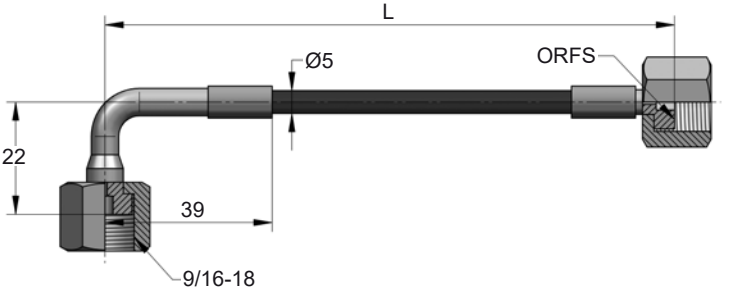


GTRR 200



GTRR 200 G

## GTRL




| ORDER | L +5 -0 (mm) |
|---|---|
| GTRL 200 | 200 |
| GTRL 300 | 300 |
| GTRL 400 | 400 |
| GTRL 500 | 500 |
| GTRL 630 | 630 |
| GTRL 800 | 800 |
| GTRL 1000 | 1000 |
| GTRL 1200 | 1200 |
| GTRL 1250 | 1250 |
| GTRL 1500 | 1500 |
| GTRL 2000 | 2000 |
| GTRL 2500 | 2500 |
| GTRL 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |

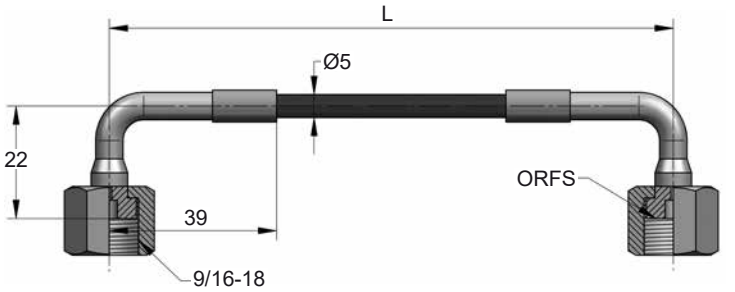


GTRL 200



GTRL 200 G

## GTLL




| ORDER | L +5 -0 (mm) |
|---|---|
| GTLL 200 | 200 |
| GTLL 300 | 300 |
| GTLL 400 | 400 |
| GTLL 500 | 500 |
| GTLL 630 | 630 |
| GTLL 800 | 800 |
| GTLL 1000 | 1000 |
| GTLL 1200 | 1200 |
| GTLL 1250 | 1250 |
| GTLL 1500 | 1500 |
| GTLL 2000 | 2000 |
| GTLL 2500 | 2500 |
| GTLL 3000 | 3000 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



GTLL 200



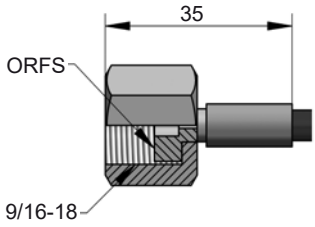
GTLL 200 G

AZOL GAS

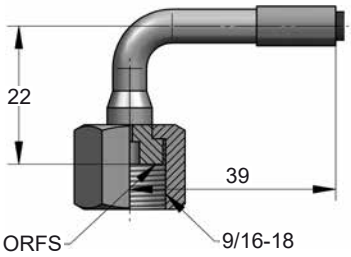
# 9/16" UNF (Ø5)

*Hosed Systems*

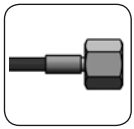
## GTRT




## GTLT




## GF 02

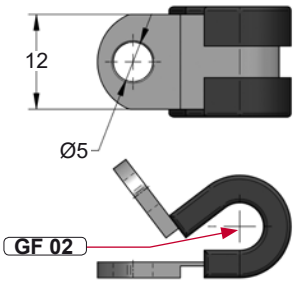





| Pmax | Tmax | Rmin |
|---|---|---|
| 345 bar | 100 ºC | 20 mm |

## RBP 5





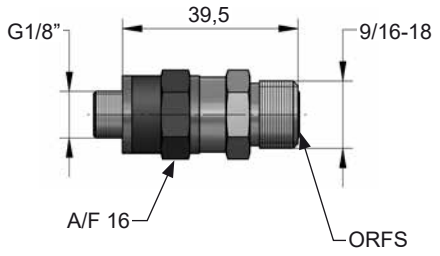
# 9/16” UNF (Ø5/Ø10)

*Hosed Systems*

AZOL GAS

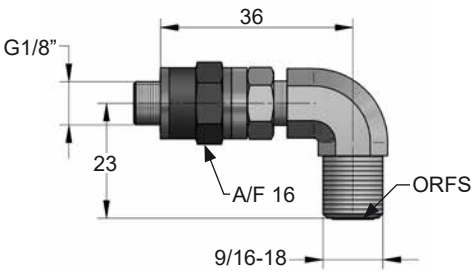
## 9RM8





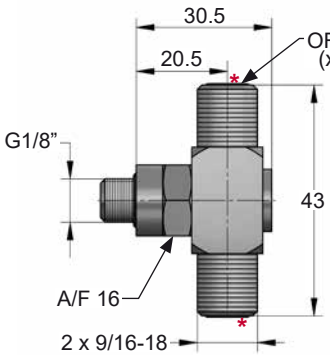

## 9CM8





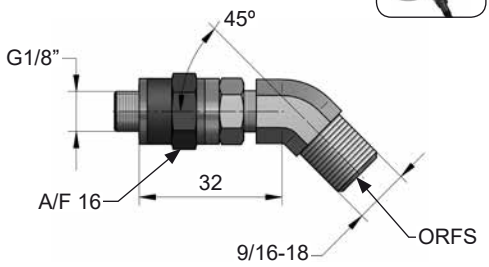

## 9EM8





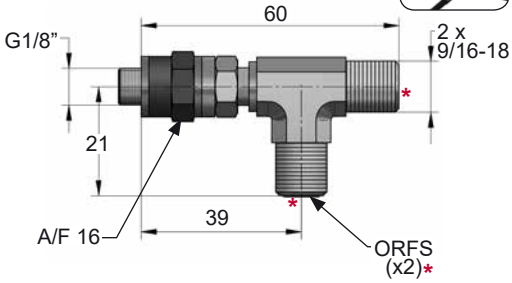

## 9LM8





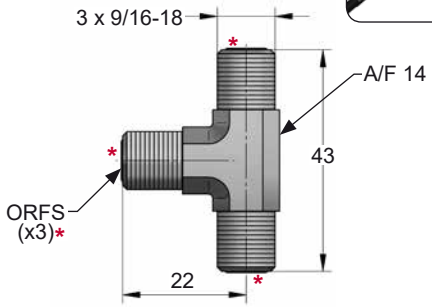

## 9TL8






## 9TM9





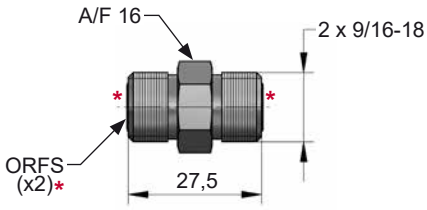
AZOL GAS

# 9/16" UNF (Ø5/Ø10)

*Hosed Systems*

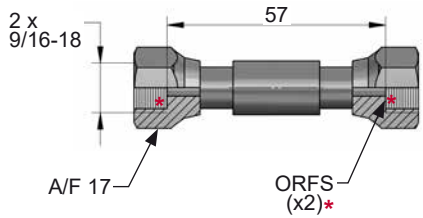
## 9IM9





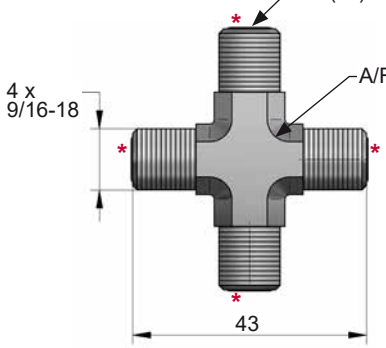

## 9SR9





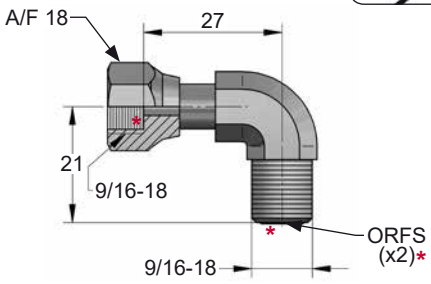

## 9XM9





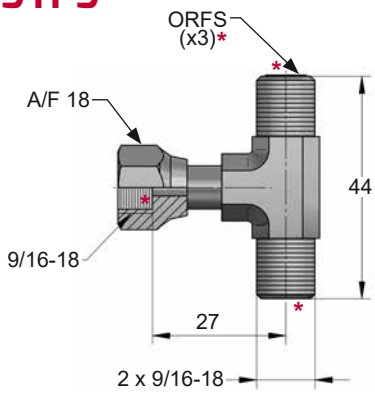

## 9CF9





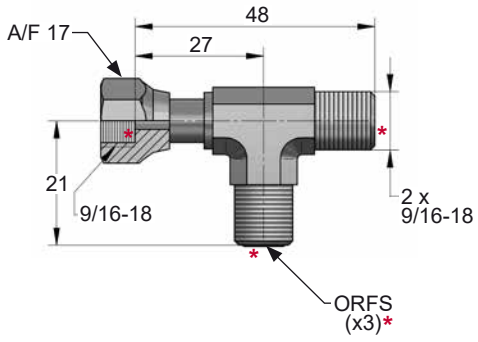

## 9TF9






## 9WF9



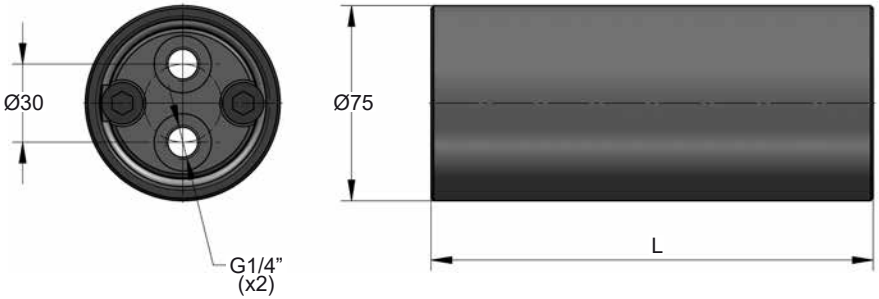


# COMPENSATION TANKS

*Hosed Systems*

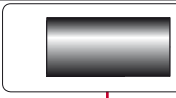
AZOL GAS

## DFC 75



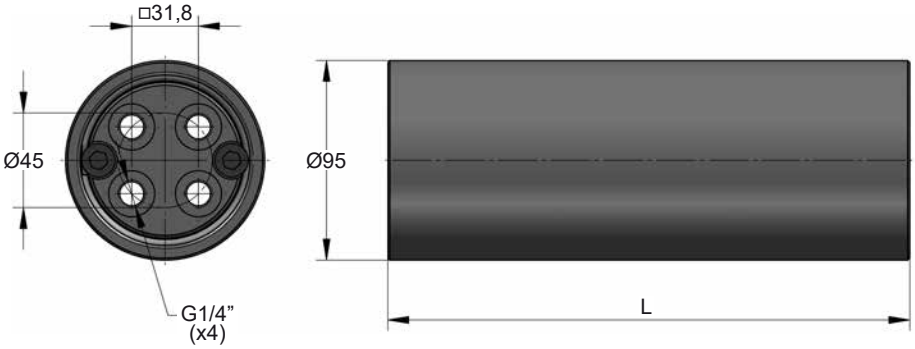

| ORDER | Vol. (l) | L (mm) |
|---|---|---|
| DFC 75 025 | 0.25 | 170 |
| DFC 75 050 | 0.50 | 250 |
| DFC 75 100 | 1.00 | 410 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



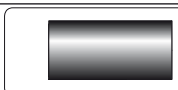
DFC 75 025

## DFC 95




| ORDER | Vol. (l) | L (mm) |
|---|---|---|
| DFC 95 100 | 1.00 | 300 |
| DFC 95 200 | 2.00 | 500 |
| DFC 95 300 | 3.00 | 700 |
| DFC 95 400 | 4.00 | 900 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



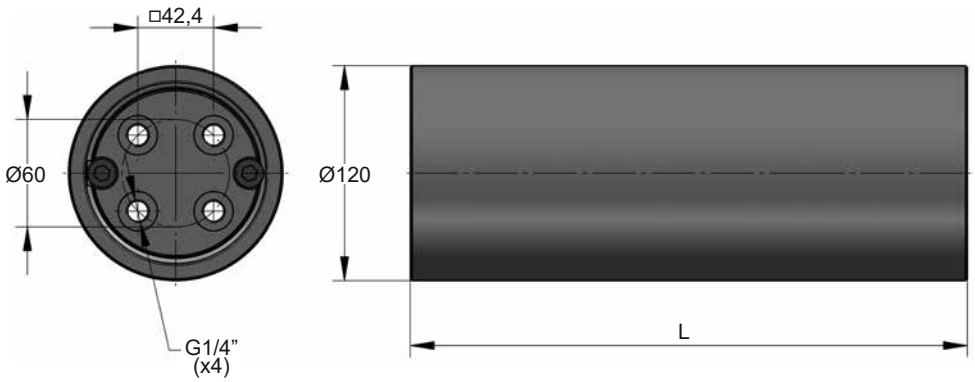
DFC 95 100

AZOL GAS

# COMPENSATION TANKS

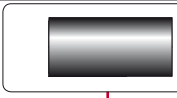
*Hosed Systems*

## DFC 120



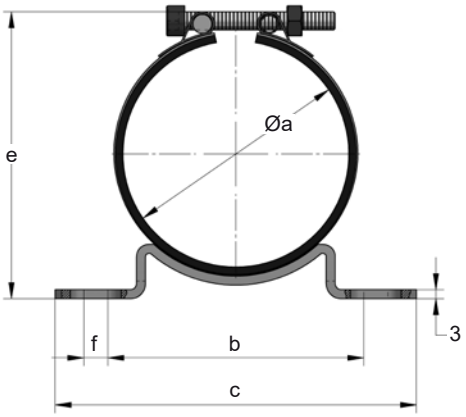

| ORDER | Vol. (l) | L (mm) |
|---|---|---|
| DFC 120 200 | 2.00 | 360 |
| DFC 120 400 | 4.00 | 615 |
| DFC 120 800 | 8.00 | 1125 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



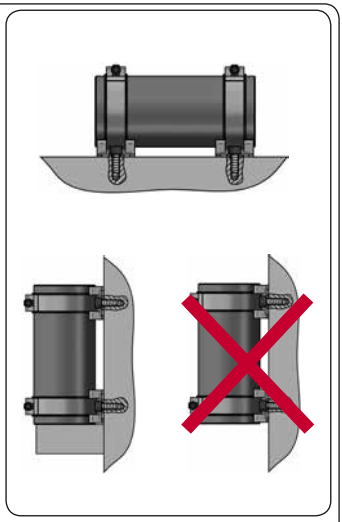
DFC 120 200

## ADCB



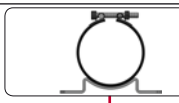






| ORDER | Øa (mm) | b (mm) | c (mm) | d (mm) | e (mm) | f (mm) |
|---|---|---|---|---|---|---|
| ADCB 75 | 75 | 85 | 120 | 40 | 96 | 8 |
| ADCB 95 | 95 | 85 | 120 | 40 | 115 | 8 |
| ADCB 120 | 120 | 100 | 156 | 50 | 154 | 18 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



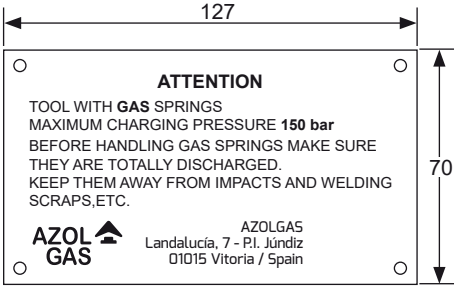
ADCB 75

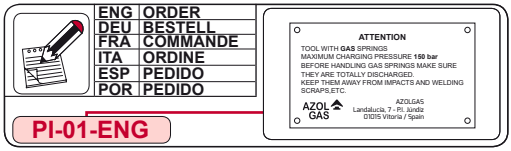
# DIE INFORMATION TAGS

*Hosed Systems*

AZOL GAS

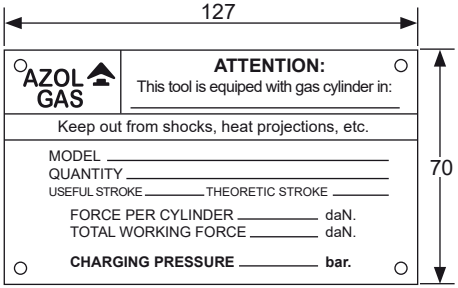
## PI-01

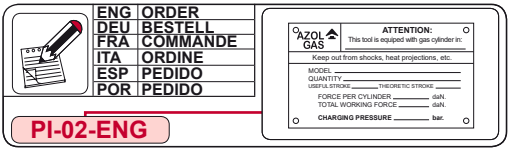



| | | | |
|---|---|---|---|
| PI-01-ESP | SPANISH | PI-01-POL | POLISH |
| PI-01-ENG | ENGLISH | PI-01-TUR | TURKISH |
| PI-01-ITA | ITALIAN | PI-01-RUS | RUSSIAN |
| PI-01-FRE | FRENCH | PI-01-CHI | CHINESE |
| PI-01-GER | GERMAN | PI-01-JAP | JAPANESE |
| PI-01-POR | PORTUGUESE | PI-01-KOR | KOREAN |

## PI-02




| | | | |
|---|---|---|---|
| PI-02-ESP | SPANISH | PI-02-POL | POLISH |
| PI-02-ENG | ENGLISH | PI-02-TUR | TURKISH |
| PI-02-ITA | ITALIAN | PI-02-RUS | RUSSIAN |
| PI-02-FRE | FRENCH | PI-02-CHI | CHINESE |
| PI-02-GER | GERMAN | PI-02-JAP | JAPANESE |
| PI-02-POR | PORTUGUESE | PI-02-KOR | KOREAN |

## PI-11 GM 90.20.09







| | | | |
|---|---|---|---|
| PI-11-ESP | SPANISH | PI-11-TUR | TURKISH |
| PI-11-ENG | ENGLISH | PI-11-RUS | RUSSIAN |
| PI-11-GER | GERMAN | PI-11-THA | THAI |
| PI-11-FRE | FRENCH | PI-11-CHI | CHINESE |
| PI-11-POR | PORTUGUESE | PI-11-JAP | JAPANESE |
| PI-11-POL | POLISH | PI-11-KOR | KOREAN |

## PI-12 GM 90.20.08







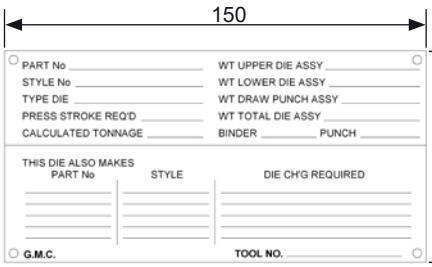
| | | | |
|---|---|---|---|
| PI-12-ESP | SPANISH | PI-12-TUR | TURKISH |
| PI-12-ENG | ENGLISH | PI-12-RUS | RUSSIAN |
| PI-12-GER | GERMAN | PI-12-THA | THAI |
| PI-12-FRE | FRENCH | PI-12-CHI | CHINESE |
| PI-12-POR | PORTUGUESE | PI-12-JAP | JAPANESE |
| PI-12-POL | POLISH | PI-12-KOR | KOREAN |

AZOL GAS

# DIE INFORMATION TAGS

*Hosed Systems*

## PI-21 — GM 90.20.07




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



**PI-21-ENG**

| | | | |
|---|---|---|---|
| PI-21-ESP | SPANISH | PI-21-TUR | TURKISH |
| PI-21-ENG | ENGLISH | PI-21-RUS | RUSSIAN |
| PI-21-GER | GERMAN | PI-21-THA | THAI |
| PI-21-FRE | FRENCH | PI-21-CHI | CHINESE |
| PI-21-POR | PORTUGUESE | PI-21-JAP | JAPANESE |
| PI-21-POL | POLISH | PI-21-KOR | KOREAN |

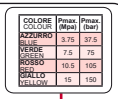
## PI-22 — FIAT A0.15.01




| COLORE COLOUR | Pmax. (Mpa) | Pmax. (bar) |
|---|---|---|
| AZZURRO BLUE | 3.75 | 37.5 |
| VERDE GREEN | 7.5 | 75 |
| ROSSO RED | 10.5 | 105 |
| GIALLO YELLOW | 15 | 150 |

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



**PI-22-ITA GIALLO**

| | | | |
|---|---|---|---|
| PI-22-ESP | SPANISH | PI-22-POL | POLISH |
| PI-22-ENG | ENGLISH | PI-22-SER | SERBIAN |
| PI-22-ITA | ITALIAN | PI-22-TUR | TURKISH |
| PI-22-FRE | FRENCH | PI-22-RUS | RUSSIAN |
| PI-22-POR | PORTUGUESE | PI-22-CHI | CHINESE |

## PI-31 — EM24.54.700



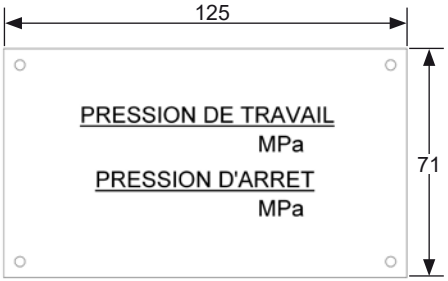

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



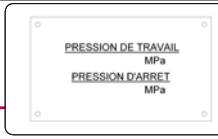
**PI-31-FRE**

| | | | |
|---|---|---|---|
| PI-31-ESP | SPANISH | PI-31-TUR | TURKISH |
| PI-31-ENG | ENGLISH | PI-31-RUS | RUSSIAN |
| PI-31-FRE | FRENCH | PI-31-CHI | CHINESE |
| PI-31-POR | PORTUGUESE | PI-31-JAP | JAPANESE |
| PI-31-ROM | ROMANIAN | PI-31-KOR | KOREAN |

## PI-32 — EM24.54.700




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




**PI-32-FRE**

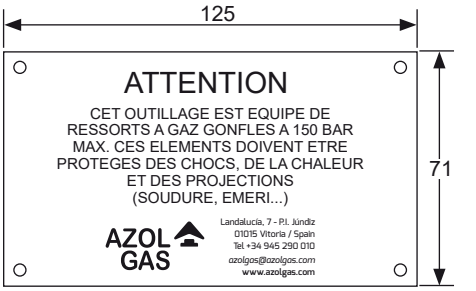
| | | | |
|---|---|---|---|
| PI-32-ESP | SPANISH | PI-32-TUR | TURKISH |
| PI-32-ENG | ENGLISH | PI-32-RUS | RUSSIAN |
| PI-32-FRE | FRENCH | PI-32-CHI | CHINESE |
| PI-32-POR | PORTUGUESE | PI-32-JAP | JAPANESE |
| PI-32-ROM | ROMANIAN | PI-32-KOR | KOREAN |

# DIE INFORMATION TAGS

*Hosed Systems*

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## PI-41 E24.54.815



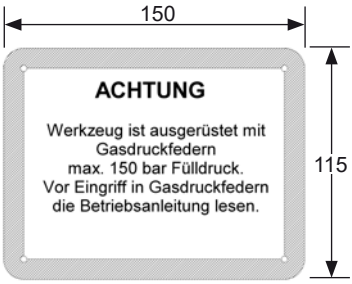

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




**PI-41-FRE**

| | | | |
|---|---|---|---|
| PI-41-ESP | SPANISH | PI-41-TUR | TURKISH |
| PI-41-ENG | ENGLISH | PI-41-RUS | RUSSIAN |
| PI-41-FRE | FRENCH | PI-41-CHI | CHINESE |
| PI-41-POR | PORTUGUESE | PI-41-JAP | JAPANESE |
| PI-41-SLK | SLOVAK | PI-41-KOR | KOREAN |

## PI-42 VW 39D 578



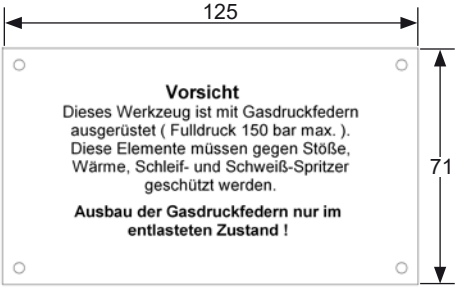

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




**PI-42-GER**

| | | | |
|---|---|---|---|
| PI-42-ESP | SPANISH | PI-42-SLK | SLOVAK |
| PI-42-ENG | ENGLISH | PI-42-HUN | HUNGARIAN |
| PI-42-GER | GERMAN | PI-42-BOS | BOSNIAN |
| PI-42-POR | PORTUGUESE | PI-42-RUS | RUSSIAN |
| PI-42-CZE | CZECH | PI-42-UKR | UKRANIAN |
| PI-42-POL | POLISH | PI-42-CHI | CHINESE |

## PI-51 VDI 3003



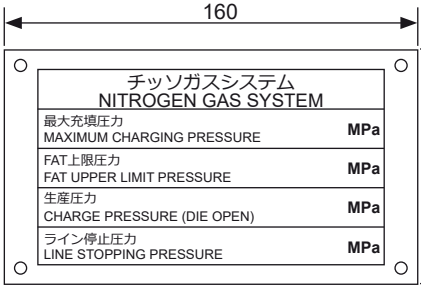

| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |



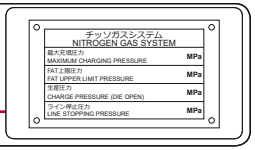

**PI-51-GER**

| | | | |
|---|---|---|---|
| PI-51-ESP | SPANISH | PI-51-POL | POLISH |
| PI-51-ENG | ENGLISH | PI-51-SLK | SLOVAK |
| PI-51-GER | GERMAN | PI-51-HUN | HUNGARIAN |
| PI-51-POR | PORTUGUESE | PI-51-RUS | RUSSIAN |
| PI-51-ITA | ITALIAN | PI-51-CHI | CHINESE |
| PI-51-CZE | CZECH | PI-51-JAP | JAPANESE |

## PI-52 SMS DKH 321 1n




| | |
|---|---|
| ENG | ORDER |
| DEU | BESTELL |
| FRA | COMMANDE |
| ITA | ORDINE |
| ESP | PEDIDO |
| POR | PEDIDO |




**PI-52-JAP**

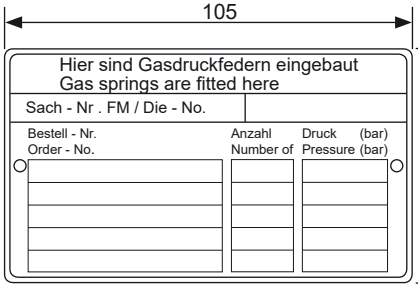
| | | | |
|---|---|---|---|
| PI-52-ESP | SPANISH | PI-52-TUR | TURKISH |
| PI-52-JAP | JAPANESE | PI-52-RUS | RUSSIAN |
| PI-52-ENG | ENGLISH | PI-52-THA | THAI |
| PI-52-POR | PORTUGUESE | PI-52-INS | INDONESIAN |
| PI-52-FRE | FRENCH | | |

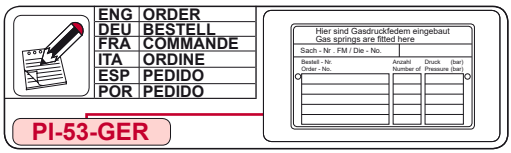
AZOL GAS

# DIE INFORMATION TAGS

Hosed Systems

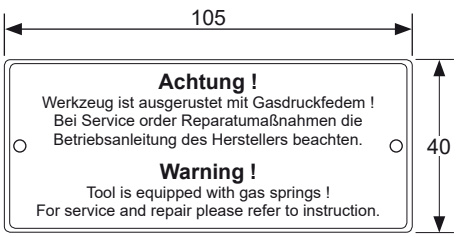
## PI-53 B2 5707

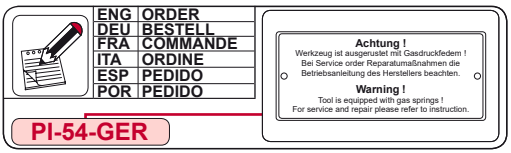



| | | | |
|---|---|---|---|
| PI-53-ESP | SPANISH | PI-53-CHI | CHINESE |
| PI-53-GER | GERMAN | PI-53-THA | THAI |
| PI-53-ENG | ENGLISH | PI-53-MAL | MALAYSIAN |
| PI-53-RUS | RUSSIAN | PI-53-INS | INDONESIAN |

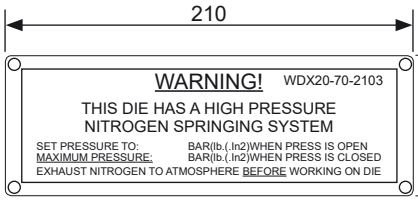
## PI-54 B2 5707




| | | | |
|---|---|---|---|
| PI-54-ESP | SPANISH | PI-54-CHI | CHINESE |
| PI-54-GER | GERMAN | PI-54-THA | THAI |
| PI-54-ENG | ENGLISH | PI-54-MAL | MALAYSIAN |
| PI-54-RUS | RUSSIAN | PI-54-INS | INDONESIAN |

## PI-55 WDX20-70-2

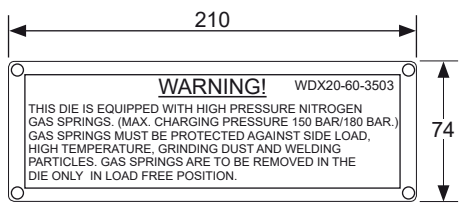


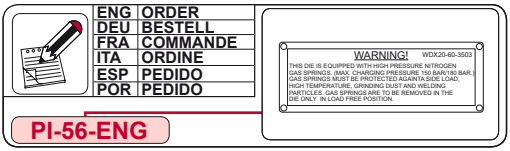




| | | | |
|---|---|---|---|
| PI-55-GER | GERMAN | PI-55-FRE | FRENCH |
| PI-55-DUT | DUTCH | PI-55-TUR | TURKISH |
| PI-55-ENG | ENGLISH | PI-55-RUS | RUSSIAN |
| PI-55-ESP | SPANISH | PI-55-CHI | CHINESE |
| PI-55-POR | PORTUGUESE | PI-55-THA | THAI |
| PI-55-ROM | ROMANIAN | PI-55-MAL | MALAYSIAN |

## PI-56 WDX20-70-35




| | | | |
|---|---|---|---|
| PI-56-GER | GERMAN | PI-56-FRE | FRENCH |
| PI-56-DUT | DUTCH | PI-56-TUR | TURKISH |
| PI-56-ENG | ENGLISH | PI-56-RUS | RUSSIAN |
| PI-56-ESP | SPANISH | PI-56-CHI | CHINESE |
| PI-56-POR | PORTUGUESE | PI-56-THA | THAI |
| PI-56-ROM | ROMANIAN | PI-56-MAL | MALAYSIAN |

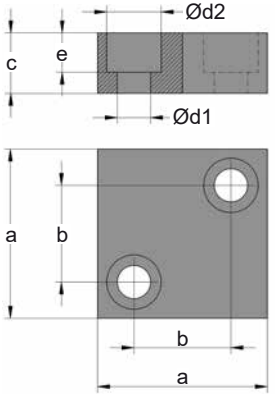
# STRIKER PLATES

*Accessories*

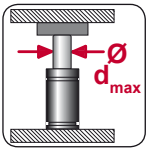
AZOL GAS

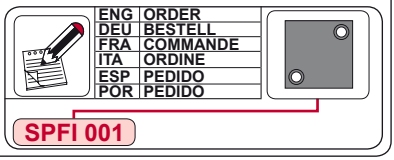
## SPFI

STQ.70040



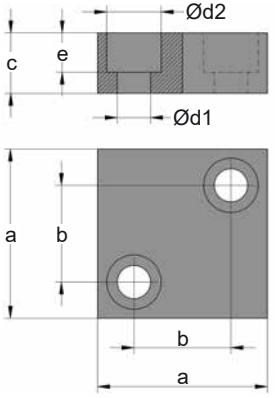

| ORDER | Ø $d_{max}$ | a (mm) | b (mm) | c (mm) | Ød1 (mm) | Ød2 (mm) | e (mm) |
|---|---|---|---|---|---|---|---|
| SPFI 001 | 15 | 40 | 21 | 15 | 9 | 15 | 10 |
| SPFI 002 | 25 | 56 | 32 | 20 | 11 | 18 | 13 |
| SPFI 003 | 50 | 71 | 48 | 20 | 11 | 18 | 13 |
| SPFI 004 | 65 | 90 | 67 | 20 | 11 | 18 | 13 |
| SPFI 005 | 95 | 140 | 110 | 20 | 11 | 18 | 13 |



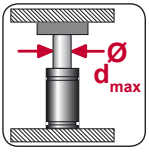




## SPVD

VDI 3003




| ORDER | Ø $d_{max}$ | a (mm) | b (mm) | c (mm) | Ød1 (mm) | Ød2 (mm) | e (mm) |
|---|---|---|---|---|---|---|---|
| SPVD 001 | 15 | 40 | 24 | 15 | 7 | 11 | 7 |
| SPVD 002 | 50 | 70 | 50 | 15 | 9 | 15 | 9 |
| SPVD 003 | 80 | 90 | 70 | 15 | 9 | 15 | 9 |

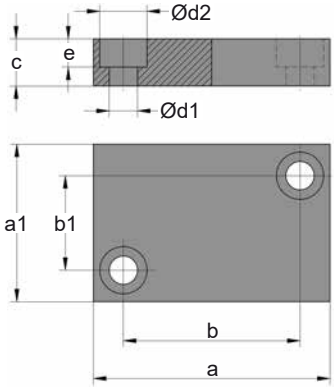




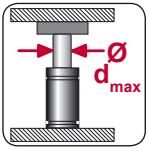


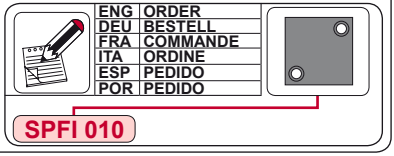
## SPFI

STQ.70040




| ORDER | Ø $d_{max}$ | a (mm) | a1 (mm) | b (mm) | b1 (mm) | c (mm) | Ød1 (mm) | Ød2 (mm) | e (mm) |
|---|---|---|---|---|---|---|---|---|---|
| SPFI 010 | 15 | 50 | 25 | 32 | 8 | 12 | 7 | 11 | 7 |
| SPFI 011 | 20 | 55 | 30 | 40 | 14 | 12 | 7 | 11 | 7 |
| SPFI 012 | 25 | 70 | 35 | 48 | 14 | 15 | 9 | 15 | 9 |
| SPFI 013 | 36 | 75 | 50 | 56 | 30 | 15 | 9 | 15 | 9 |
| SPFI 014 | 50 | 85 | 60 | 66 | 40 | 15 | 9 | 15 | 9 |
| SPFI 015 | 65 | 100 | 80 | 72 | 56 | 20 | 11 | 18 | 11 |
| SPFI 016 | 95 | 110 | 100 | 85 | 75 | 20 | 11 | 18 | 11 |
| SPFI 017 | 95 | 130 | 110 | 100 | 80 | 20 | 11 | 18 | 11 |



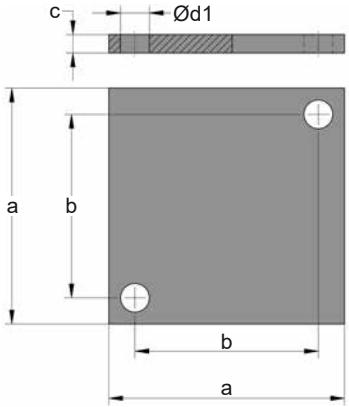
AZOL GAS

# STRIKER PLATES

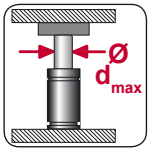
*Accessories*

## SPRE

EM24.54.700




| ORDER | Ø $d_{max}$ | a (mm) | b (mm) | c (mm) | Ød1 (mm) |
|---|---|---|---|---|---|
| SPRE 010 | 45 | 70 | 50 | 3 | 11 |
| SPRE 011 | 60 | 90 | 70 | 3 | 11 |

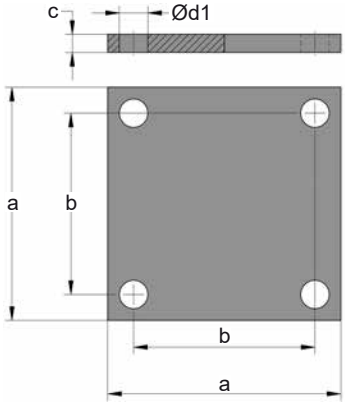




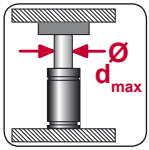


## SPRE

EM24.54.700




| ORDER | Ø $d_{max}$ | a (mm) | b (mm) | c (mm) | Ød1 (mm) |
|---|---|---|---|---|---|
| SPRE 001 | 80 | 105 | 85 | 3 | 11 |
| SPRE 002 | 95 | 125 | 105 | 3 | 11 |
| SPRE 003 | 100 | 150 | 125 | 3 | 13 |
| SPRE 004 | 130 | 190 | 165 | 3 | 13 |

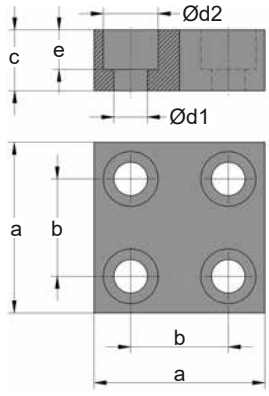




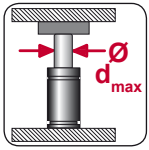


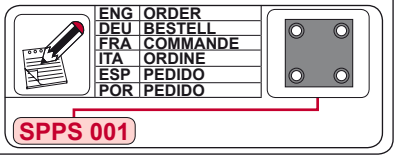
## SPPS

E24.54.815




| ORDER | Ø $d_{max}$ | a (mm) | b (mm) | c (mm) | Ød1 (mm) | Ød2 (mm) | e (mm) |
|---|---|---|---|---|---|---|---|
| SPPS 001 | 15 | 40 | 21 | 15 | 9 | 15 | 10 |
| SPPS 002 | 25 | 56 | 32 | 20 | 11 | 18 | 13 |
| SPPS 003 | 65 | 90 | 67 | 20 | 11 | 18 | 13 |
| SPPS 004 | 95 | 140 | 110 | 20 | 11 | 18 | 13 |
| SPPS 005 | 130 | 155 | 125 | 20 | 11 | 18 | 13 |



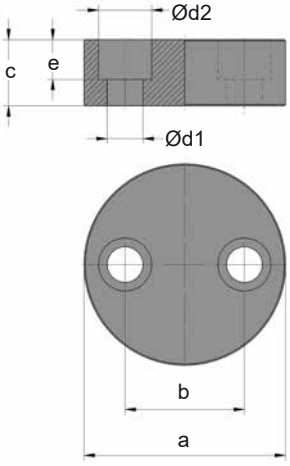
# STRIKER PLATES

*Accessories*

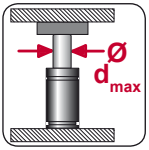
AZOL GAS

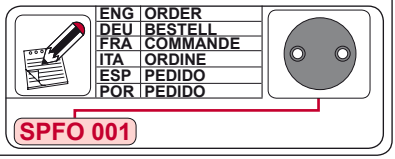
## SPFO

WDX35-80-3576



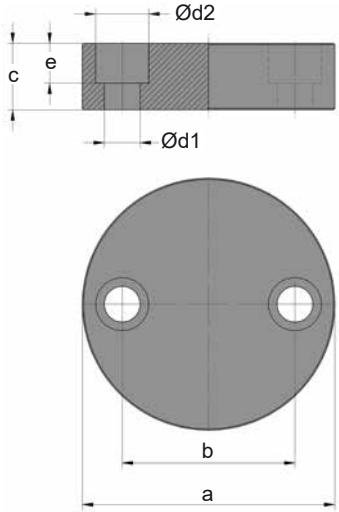

| ORDER | Ø $d_{max}$ | a (mm) | b (mm) | c (mm) | Ød1 (mm) | Ød2 (mm) | e (mm) |
|---|---|---|---|---|---|---|---|
| SPFO 001 | 25 | 76 | 45 | 25 | 13.5 | 20 | 15 |
| SPFO 002 | 25 | 76 | 45 | 28 | 13.5 | 20 | 18 |
| SPFO 003 | 25 | 76 | 45 | 31 | 13.5 | 20 | 21 |
| SPFO 004 | 25 | 76 | 45 | 34 | 13.5 | 20 | 24 |
| SPFO 005 | 25 | 76 | 45 | 37 | 13.5 | 20 | 27 |
| SPFO 006 | 25 | 76 | 45 | 40 | 13.5 | 20 | 30 |



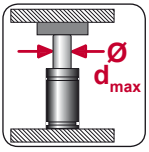




## SPFO

WDX35-80-3595




| ORDER | Ø $d_{max}$ | a (mm) | b (mm) | c (mm) | Ød1 (mm) | Ød2 (mm) | e (mm) |
|---|---|---|---|---|---|---|---|
| SPFO 010 | 45 | 95 | 65 | 25 | 13.5 | 20 | 15 |
| SPFO 011 | 45 | 95 | 65 | 28 | 13.5 | 20 | 18 |
| SPFO 012 | 45 | 95 | 65 | 31 | 13.5 | 20 | 21 |
| SPFO 013 | 45 | 95 | 65 | 34 | 13.5 | 20 | 24 |
| SPFO 014 | 45 | 95 | 65 | 37 | 13.5 | 20 | 27 |
| SPFO 015 | 45 | 95 | 65 | 40 | 13.5 | 20 | 30 |





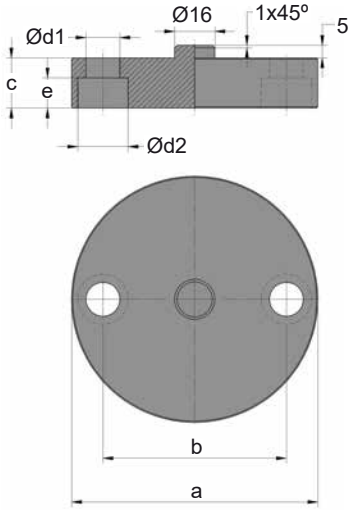

AZOL GAS

# STRIKER PLATES

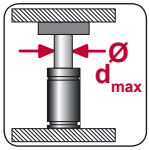
*Accessories*

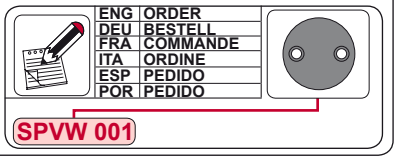
## SPVW

39D 847



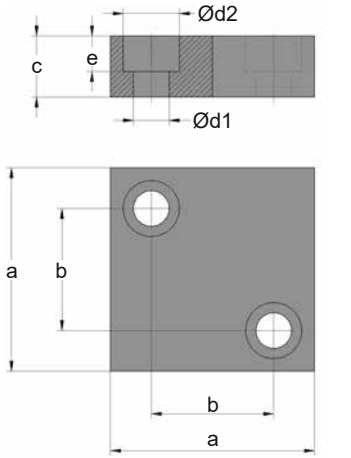

| ORDER | Ø $d_{max}$ | a (mm) | b (mm) | c (mm) | Ød1 (mm) | Ød2 (mm) | e (mm) |
|---|---|---|---|---|---|---|---|
| SPVW 001 | 50 | 98 | 73 | 20 | 13.5 | 20 | 12 |
| SPVW 002 | 65 | 113 | 88 | 20 | 13.5 | 20 | 12 |
| SPVW 003 | 80 | 128 | 103 | 20 | 13.5 | 20 | 12 |
| SPVW 004 | 95 | 143 | 118 | 20 | 13.5 | 20 | 12 |



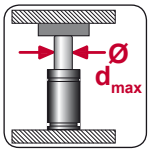



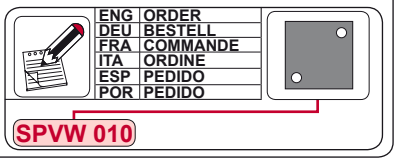

## SPVW

39D 847




| ORDER | Ø $d_{max}$ | a (mm) | b (mm) | c (mm) | Ød1 (mm) | Ød2 (mm) | e (mm) |
|---|---|---|---|---|---|---|---|
| SPVW 010 | 20 | 40 | 24 | 12 | 7 | 11 | 7 |
| SPVW 011 | 36 | 60 | 40 | 15 | 9 | 15 | 9 |
| SPVW 013 | 80 | 100 | 74 | 20 | 11 | 18 | 11 |



# FP (FLEX PLATE)

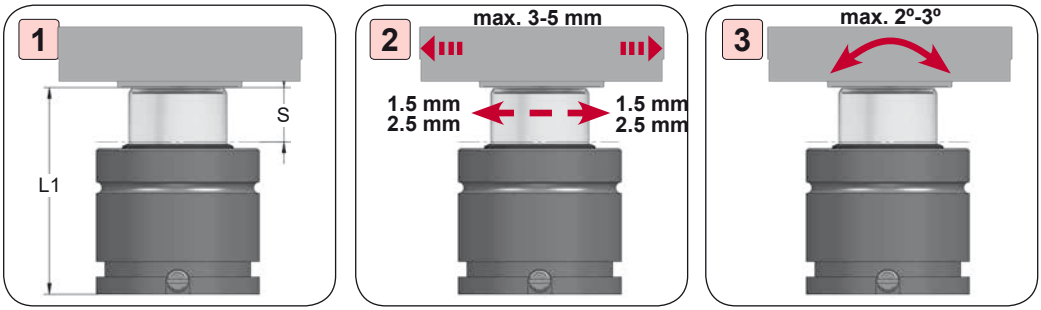
Accessories

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## TECHNICAL DATA

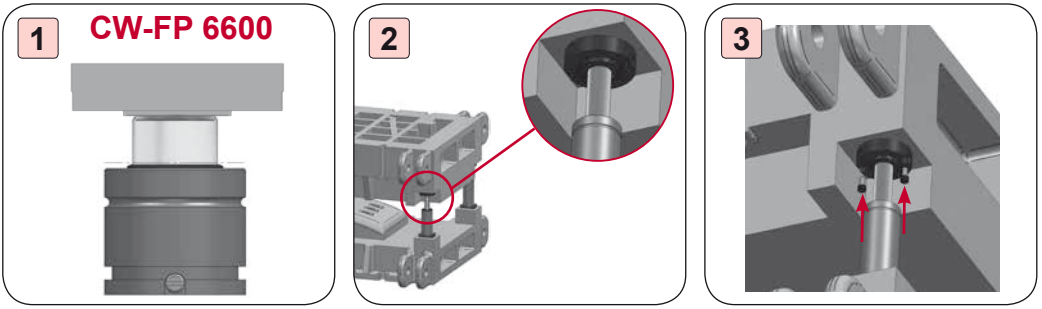
- Range forces 1500 - 20000 daN.
- Fix with screws.
- Compact plate.
- Flexible support.

## FLEX PLATE (SLIDING & SWINGING)




1. The use of FP system does not involve a variation of the dimensions of the gas spring, the location of the plate is inserted in the die itself.
2. Allows sideloads up to 3-5 mm.
3. Allows deviations from perpendicularity up to 2º-3º.

## HOW TO ASSEMBLE



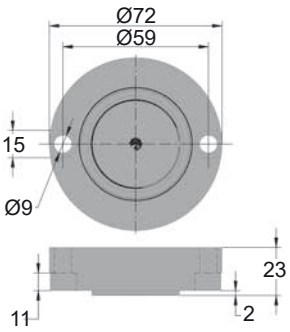

1. Check the gas spring model is suitable for use with the FP plate.
2. Verify that there is space enough to fit the FP plate into the tool.
3. Fix the FP plate to the die with screws.

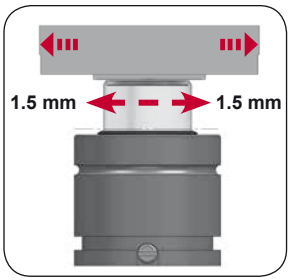
AZOL GAS

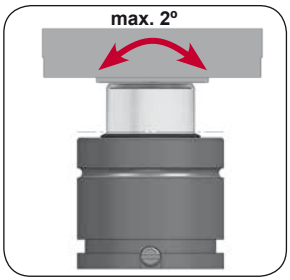
# FP (FLEX PLATE)

*Accessories*

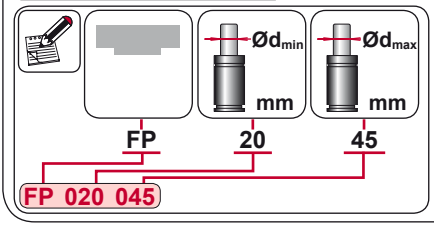
## FP 020 045




### HOW TO ORDER




### MODELS

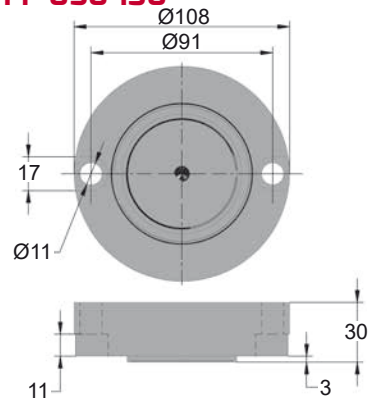
| MODEL |
|---|
| AG 500 |
| CD 500 V1 |
| FD 500 |
| KZ 500 |
| CW 500 V1 |
| CM 500 V1 |
| CT 550 V1 |
| CK 570 V1 |
| CM 600 V1 |
| CD 700 |

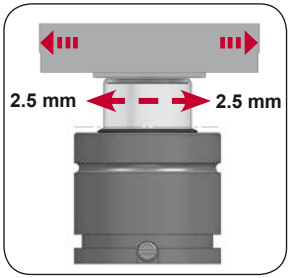
| MODEL |
|---|
| AG 750 |
| GN 750 |
| FD 750 V1 |
| CK 750 V1 |
| KZ 750 V1 |
| CW 750 V1 |
| CT 750 |
| CD 1000 V1 |
| CM 1000 V1 |
| CT 1000 |

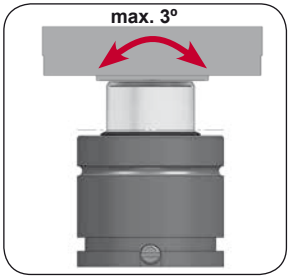
| MODEL |
|---|
| KZ 1000 V1 |
| CW 1000 V2 |
| CK 1000 V1 |
| AG 1500 |
| CD 1500 V2 |
| CM 1500 V1 |
| GN 1500 |
| FD 1500 V2 |
| CK 1500 V2 |
| CT 1500 |

| MODEL |
|---|
| KZ 1500 |
| CW 1500 |
| CD 2400 |
| KZ 2400 |
| CW 2400 V1 |
| CM 2500 V1 |
| CK 2500 V1 |

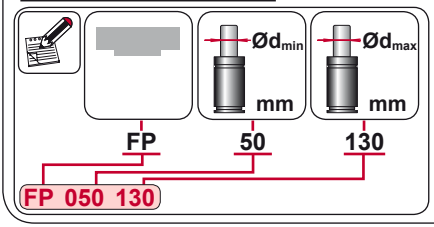
## FP 050 130




### HOW TO ORDER




### MODELS

| MODEL |
|---|
| CT 2500 |
| AG 3000 |
| GN 3000 |
| FD 3000 |
| CT 3000 |
| CM 4000 V1 |
| CK 4000 V1 |
| CD 4200 |
| KZ 4200 |
| CW 4200 V1 |

| MODEL |
|---|
| AG 5000 |
| GN 5000 |
| FD 5000 V1 |
| CT 5000 |
| CM 6500 V1 |
| CD 6600 |
| KZ 6600 |
| CW 6600 |
| AG 7500 |
| GN 7500 |

| MODEL |
|---|
| CD 9600 |
| CW 9500 |
| CM 10000 |
| AG 10000 |
| CW 11800 |
| CD 18500 |
| CW 20000 |

# SERVICE EQUIPMENT

*Accessories*

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## MR

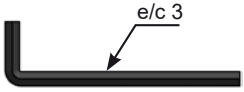


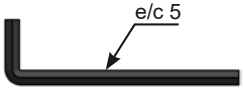
1. **DALL 3** (Tool Allen 3)
2. **DALL 5** (Tool Allen 5)
3. **DMNL** (Tool)
4. **ABXP** (Adapter DIN 7757)
5. **XTCP** (Adapter XTC M6)
6. **A 550 1/8-M6** (Draining Tool)
7. **LM 3** (Tool M3)
8. **LM 6** (Tool M6)
9. **LM 8** (Tool M8)
10. **LM 16** (Tool M16)
11. **A 800** (Tool)
12. **LRP 1** (Tool)
13. **LRP 2** (Tool)
14. **PU 16** (Tool Ø 12-16)
15. **PU 22** (Tool Ø 20-22)
16. **PU 25** (Tool Ø 25)
17. **PU 28** (Tool Ø 28)
18. **PU 36** (Tool Ø 36)
19. **PU 45** (Tool Ø 45)
20. **PU 50** (Tool Ø 50)
21. **PU 60** (Tool Ø 60)

AZOL GAS

# SERVICE EQUIPMENT

*Accessories*

1



2



3


4


5


6



7



8



9



10



11


12


13


14


15


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17


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21


# SERVICE EQUIPMENT

*Accessories*

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## PU 16



Ø 12-16

| GAS SPRING SERIES | |
|---|---|
| ASP 250 | CM 350 V1 |
| ASP 300 | FD 300 |
| AST 250 | KZ 350 |
| AST 300 V1 | CW 350 V1 |
| AG 150 | |
| AG 250 | |
| CD 300 V1 | |
| CM 300 | |

## PU 22



Ø 20-22

| GAS SPRING SERIES | |
|---|---|
| AS 500 V1 | CK 570 V1 |
| AS 600 V1 | CT 550 V1 |
| ASP 500 V1 | KZ 500 |
| AG 500 | CW 500 V1 |
| CD 500 V1 | |
| CM 500 V1 | |
| CM 600 V1 | |
| FD 500 | |

## PU 25



Ø 25

| GAS SPRING SERIES | |
|---|---|
| AS 700 V1 | CWC 750 V2 |
| AG 750 | |
| CD 700 | |
| GN 750 | |
| FD 750 V1 | |
| CK 750 V1 | |
| KZ 750 V1 | |
| CW 750 V1 | |

## PU 28



Ø 28

| GAS SPRING SERIES | |
|---|---|
| AS 1000 | CTN 1000 |
| AST 1000 | KZ 1000 V1 |
| CD 1000 V1 | CW 1000 V2 |
| CM 1000 V1 | CWC 1000 V2 |
| CK 1000 V1 | |
| CT 750 | |
| CT 1000 | |
| CTN 750 | |

## PU 36



Ø 36

| GAS SPRING SERIES | |
|---|---|
| AG 1500 | KZ 1500 |
| CD 1500 V2 | CW 1500 |
| CM 1500 V1 | CWC 1500 |
| GN 1500 | |
| FD 1500 V2 | |
| CK 1500 V2 | |
| CT 1500 | |
| CTN 1500 | |

## PU 45



Ø 45

| GAS SPRING SERIES | |
|---|---|
| CD 2400 | |
| CM 2500 V1 | |
| CK 2500 V1 | |
| KZ 2400 | |
| CW 2400 V1 | |
| CWC 2400 V2 | |
| | |
| | |

## PU 50



Ø 50

| GAS SPRING SERIES | |
|---|---|
| AG 3000 | |
| GN 3000 | |
| FD 3000 | |
| CT 2500 | |
| CT 3000 | |
| CTN 2500 | |
| CTN 3000 | |
| | |

## PU 60



Ø 60

| GAS SPRING SERIES | |
|---|---|
| CD 4200 | |
| CM 4000 V1 | |
| CK 4000 V1 | |
| KZ 4200 | |
| CW 4200 V1 | |
| | |
| | |
| | |

## PU 75



Ø 65-75

| GAS SPRING SERIES | |
|---|---|
| AG 5000 | CW 6600 |
| CD 6600 | |
| CM 6500 V1 | |
| GN 5000 | |
| FD 5000 V1 | |
| CT 5000 | |
| CTN 5000 | |
| KZ 6600 | |

## PU 95



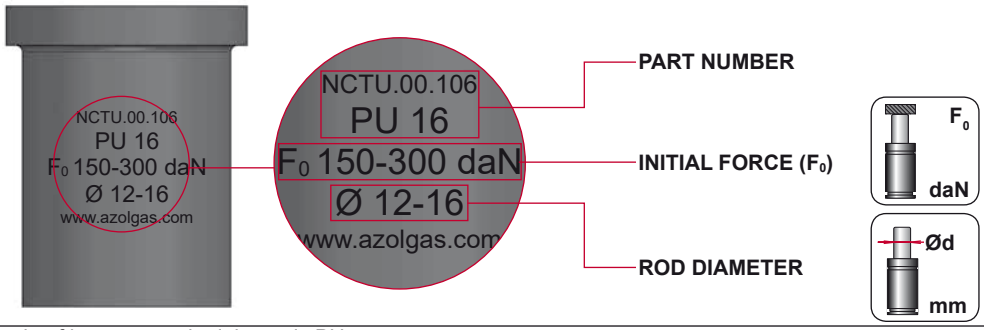
Ø 80-95

| GAS SPRING SERIES | |
|---|---|
| AG 7500 | |
| AG 10000 | |
| CD 9600 | |
| CM 10000 | |
| GN 7500 | |
| CW 9500 | |
| | |
| | |

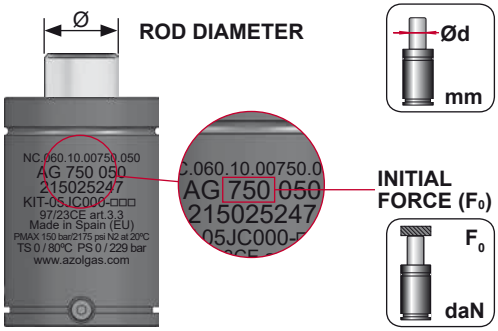
AZOL GAS

# SERVICE EQUIPMENT

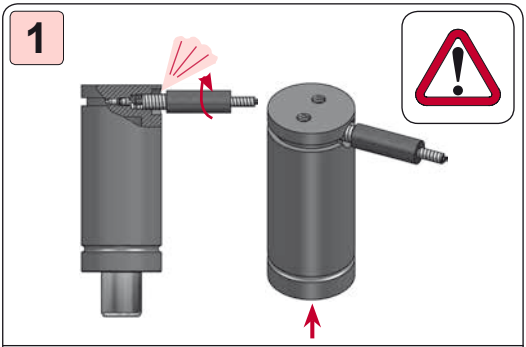
*Accessories*



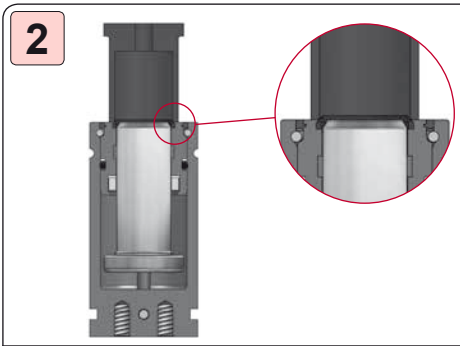

Example of how are marked the tools PU
-Part number
-Initial Force
-Piston rod diameter



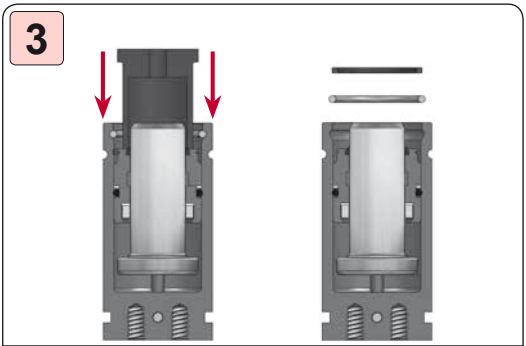

Make the right choice of the PU tool for each gas spring series, according to:
-Piston rod diameter
-Initial Force




Before disassembly, make sure that the gas spring is fully drained, with the piston rod totally inserted.




Set the corresponding PU tool on the top cartridge carefully to avoid any damage on the wiper.



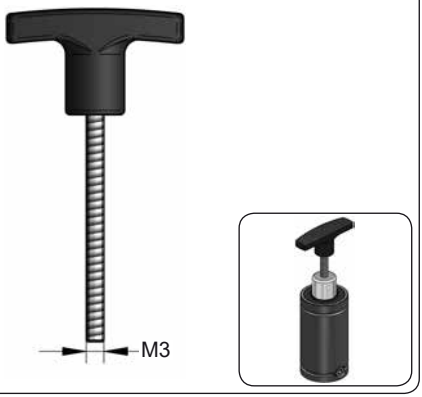

Push down the PU tool till the cartridge is down enough to let remove the locking ring.

# SERVICE EQUIPMENT

*Accessories*

AZOL GAS

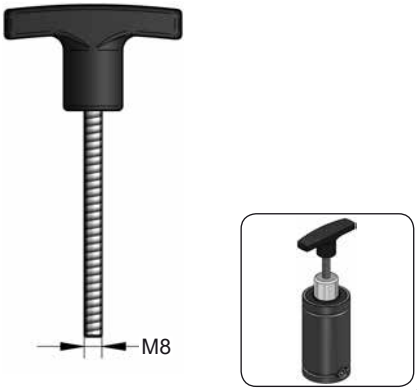
## LM 3



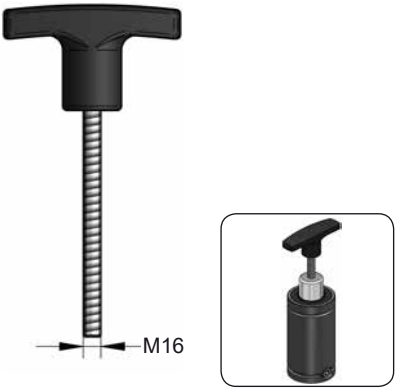

## LM 6




## LM 8




## LM 16

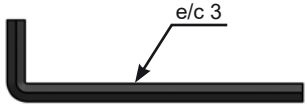


AZOL GAS

# SERVICE EQUIPMENT

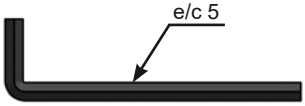
*Accessories*

## DALL 3






## DALL 5





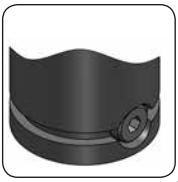

## DPA 5



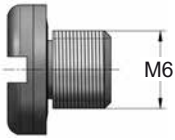


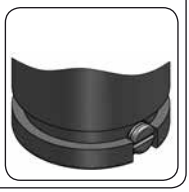
## T 1/8



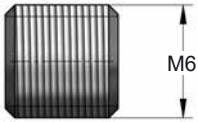



## T M6



## TR M6



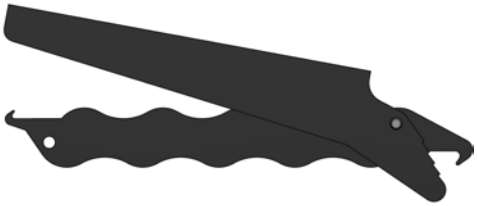



## A 550 1/8-M6



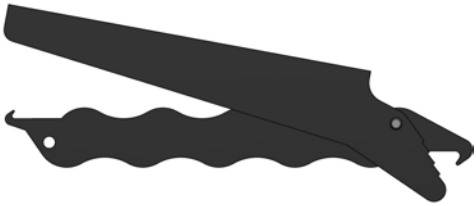



## LRP 1





## LRP 2





# SERVICE EQUIPMENT

*Accessories*

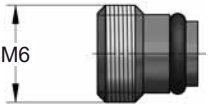
AZOL GAS

## DIN 7757






## XTC-M6






## A 800





The tool A 800 is only intended to be used to remove the filling valve DIN 7757.

## ALXTC







WARNING: ALXTC is only intended to be used to remove the valve XTC-M6 when it is damaged and it cannot be removed with the tool DMNL (XTCP).

## DMNL





ABXP



XTCP



## DDNM





ABXP



XTCP



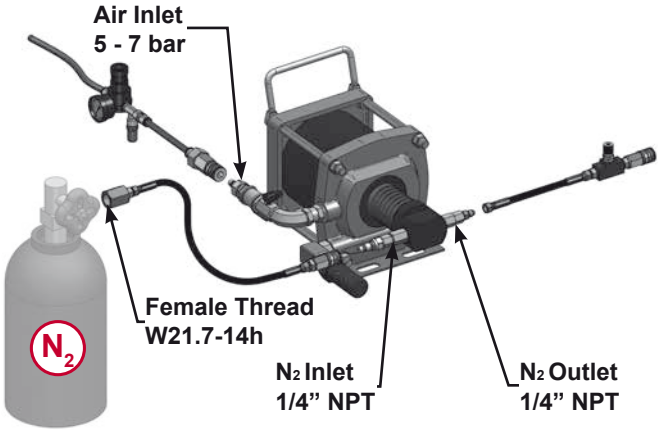
AZOL GAS

# SERVICE EQUIPMENT

*Accessories*

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## DBNA




## OPTIONS

**1 - Hosed System**

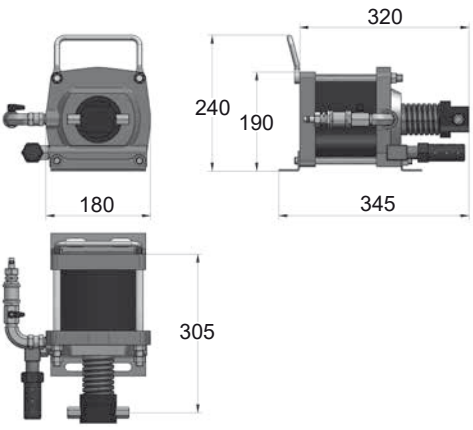





**2 - Self-contained**






## ADVANTAGES

- Maximum safety.
- Easy boosting.
- Save costs.
- Increases porductivity.

**BOOSTER UNIT**

**DBNA gas booster enables to charge gas springs and manifold systems from your supply tank. The booster is a solution to low pressure supply tank to a minimum of 20 bar (when the tank pressure is lower than the gas springs filling pressure).**

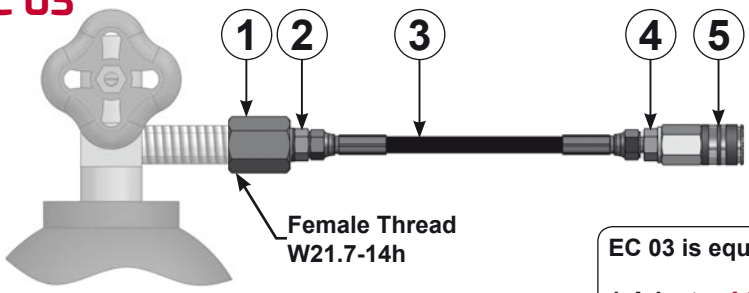
| TECHNICAL DATA | |
|---|---|
| Max. Outlet Pressure (N2) | 200 bar |
| Pneumatic pressure (Air) | 5 - 7 bar |
| Pump ratio (N2/Air) | 30:1 |
| Flow | 2.8 l/min |
| Weight | 12 Kg |

AZOL GAS

# SERVICE EQUIPMENT

*Accessories*

## EC 03



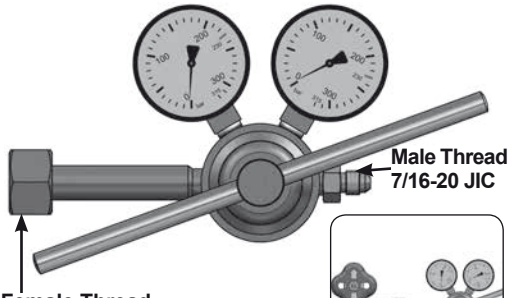

Only to be used with a gauge



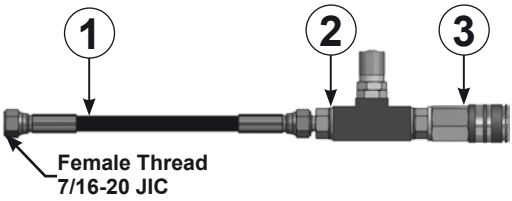

**EC 03 is equipped with:**

1-Adapter AC 500
2-Adapter 7RM2
3-Hose TFRR 3000
4-Adapter 7RM4
5-Female Quick Coupling QCF 1/4

## LTH 600



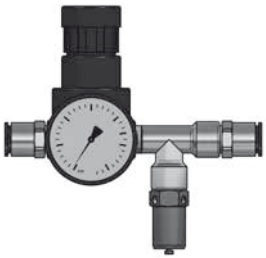

## EC 38




**EC 38 is equipped with:**

1-Hose TFRR 3000
2-Shut off valve EC VP
3-Female Quick Coupling QCF 1/4

## DBN-VS

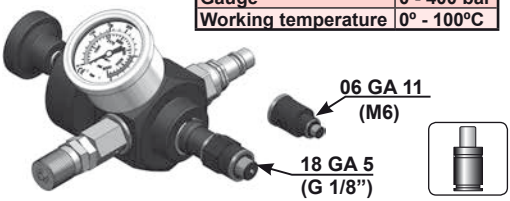


**Safety device to prevent over-pressure.**

**DBN VS limits Air Inlet flow at a maximum of 6 bar.**

## A 400 C

| TECHNICAL DATA | |
|---|---|
| Fluid | $N_2$ |
| Max pressure | 210 bar |
| Gauge | 0 - 400 bar |
| Working temperature | 0º - 100ºC |




**A 400 C Filling & Control Unit is used to:**
- Verify the pressure
- Fill and drain the pressure
- Vary (up / down) the pressure

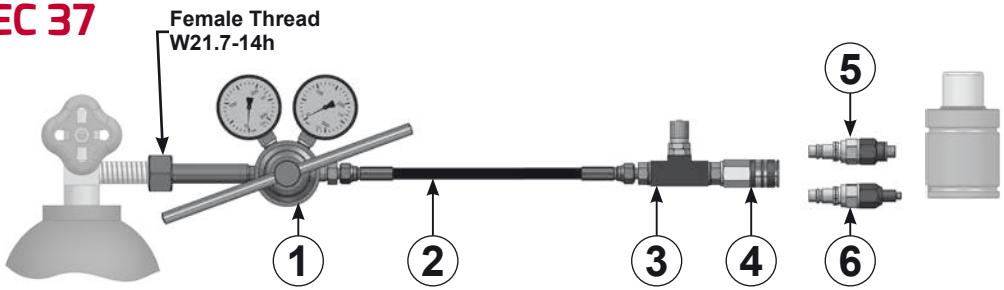
Self-contained gas springs

# SERVICE EQUIPMENT

*Accessories*

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## EC 37




**CHARGING UNIT**

**The Charging Unit EC 37 let you:**

**-Check the pressure from the nitrogen tank.**

**-Charging pressure to self-contained gas springs.**

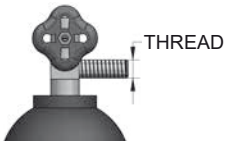
**-Charging pressure to hosed systems.**

**EC 37 is equipped with:**

**1-Pressure regulator LTH 600**
**2-Hose TFRR 3000**
**3-Shut off valve EC VP**
**4-Female Quick Coupling QCF 1/4**
**5-Charging adapter 18 CG 1-Q (G1/8")**
**6-Charging adapter 06 CG 2-Q (M6)**

**NITROGEN TANK**

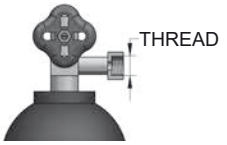
**MALE THREAD**




| THREAD | TANK ADAPTER | |
|---|---|---|
| W24,32x1/14" | AC 210 |   |
| G3/4" | AC 340 |   |
| G5/8" | AC 585 |   |
| | | |
| | | |

**NITROGEN TANK**

**FEMALE THREAD**



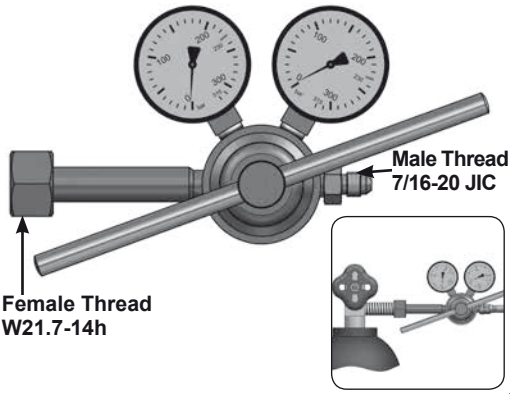

| THREAD | TANK ADAPTER | |
|---|---|---|
| W22x1/14" | AC 220 |   |
| W24,32x1/14" | AC 230 |   |
| W21,7x1/14" | AC 270 |   |
| G3/8" | AC 380 |   |
| G5/8" | AC 580 |   |

AZOL GAS

# SERVICE EQUIPMENT

*Accessories*

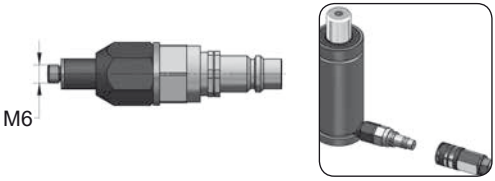
## LTH 600



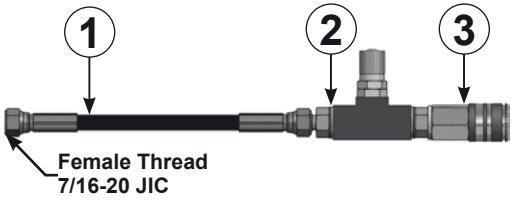

## 18 CG 1-Q




## 06 CG 2-Q



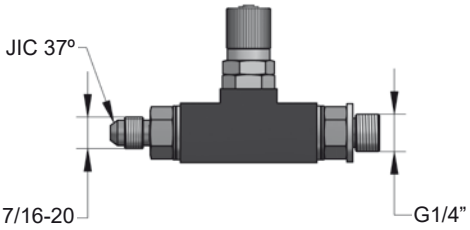

## EC 38



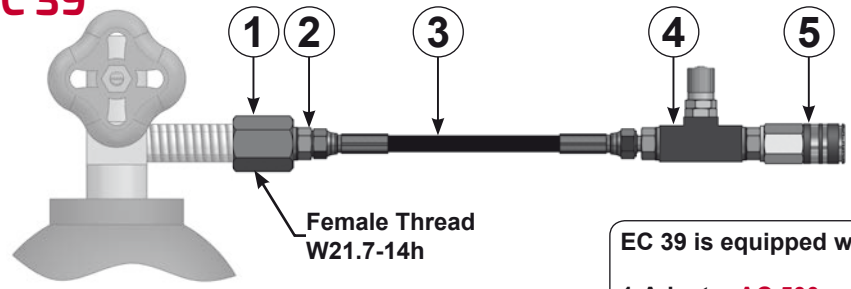

**EC 38 is equipped with:**

1-Hose **TFRR 3000**
2-Shut off valve **EC VP**
3-Female Quick Coupling **QCF 1/4**

## EC VP




## EC 39




**EC 39 is equipped with:**

1-Adapter **AC 500**
2-Adapter **7RM2**
3-Hose **TFRR 3000**
4-Shut off valve **EC VP**
5-Female Quick Coupling **QCF 1/4**

**Only to be used with a gauge**



# NOTES

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# NOTES

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| 7TF7 | 589 | A34-038 | 37 | AFNA | 14 | B21-050 | 46 |
| 7TL8 | 588 | A34-045 | 41 | AFT V1 | 18 | B21-063 | 86 |
| 7TM7 | 588 | A34-050 | 45 | AG 150 | 34 | B21-075 | 50 |
| 7WF7 | 589 | A34-075 | 49 | AG 250 | 36 | B21-095 | 54 |
| 7XM7 | 589 | A34-095 | 53 | AG 500 | 40 | B21-120 | 58 |
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| 9EM8 | 594 | A44-019 | 7 | AG 7500 | 60 | B23-120 | 274 |
| 9IM9 | 595 | A44-025 | 11 | AG 10000 | 64 | B28-050 | 252 |
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| 9TF9 | 595 | A49-050 | 409 | ART 500 | 450 | B31-050 | 446 |
| 9TL8 | 594 | A49-075 | 417 | ART 750 | 451 | B31-075 | 445 |
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