

# AZOL GAS

*Service in Motion*



## 2016

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



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**GAS**

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# AZOLGAS WORLDWIDE



AUSTRIA  
BELGIUM  
CZECH R.  
DENMARK  
FRANCE  
FINLAND  
GERMANY  
HOLLAND  
HUNGARY  
ITALY  
NORWAY  
POLAND  
PORTUGAL  
ROMANIA  
SERBIA  
SLOVAKIA  
SLOVENIA  
SPAIN  
SWEDEN  
TURKEY  
U. KINGDOM

BELARUS  
RUSSIA  
UKRAINE

CHINA  
JAPAN  
SOUTH KOREA



EGYPT  
INDIA  
IRAN  
MOROCCO  
SOUTH AFRICA

AUSTRALIA  
INDONESIA  
MALAYSIA  
SINGAPORE  
THAILAND














# AZOLGAS WORLDWIDE








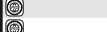

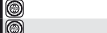
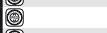
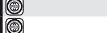


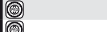

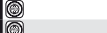







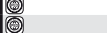
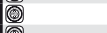







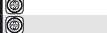
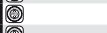
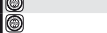

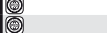
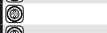
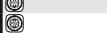

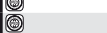
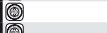
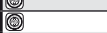
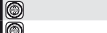
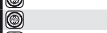

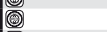
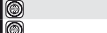
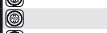

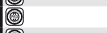
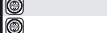

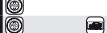
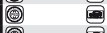
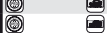
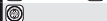

**CANADA  
MEXICO  
USA**

**ARGENTINA  
BRAZIL  
ECUADOR  
PERU**









<b>GAS SPRINGS</b>		<i>MINI</i>	<b>AFB / AFH / AFJ / AFK / AFC / AFNA / AF / AFT</b>	1 - 22
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	AFH V1	90	Ø15	7 - 80	56 - 205	180		4
	AFJ V1	90	Ø19	7 - 125	56 - 295	180		6
	AFK V1	100	Ø20	10 - 80	74 - 214	160		8
	AFD V1	200	Ø25	7 - 125	56 - 295	180		10
	AFC	200	Ø25	7 - 125	56 - 295	180		12
	AFNA	200	Ø25	10 - 50	65 - 145	180		16
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	<b>THREADED</b> 	AS 200	200	M28x1.5	10 - 125	62 - 292	180	
AS 300		300	M38x1.5	12.7 - 125	75.4 - 300	150		26
AS 500 V1		500	M38x1.5	10 - 125	50 - 280	150		28
AS 600 V1		600	M38x1.5	15 - 100	85 - 260	150		30
AS 700 V1		700	M45x1.5	10 - 125	52 - 282	150		32
AS 1000		1000	M50x1.5	10 - 125	58 - 288	160		34
ASP 250		250	M36x1	15 - 100	84 - 254	150		36
ASP 300		300	M38x1.5	12.7 - 100	75.4 - 250	150		38
ASP 500 V1		500	M45x1	15 - 100	84 - 254	150		40
AST 200 V1		200	Ø25	7 - 63	46 - 158	180		42
AST 250		250	Ø38	12.7 - 100	75.4 - 250	150		44
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	APFA 250	250	Ø38	10 - 125	70 - 300	150		56
	APF 500	500	Ø45	10 - 160	105 - 405	150		62
	AG 750	750	Ø50	12.7 - 300	120.4 - 695	150		66
	AG 1500	1500	Ø75	12.7 - 300	135.4 - 710	150		70
	AG 3000	3000	Ø95	12.7 - 300	145.4 - 720	150		74
	AG 5000	5000	Ø120	12.7 - 300	165.4 - 740	150		78
	AG 7500	7500	Ø150	12.7 - 300	180.4 - 755	150		82
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	CD 500 V1	500	Ø38	10 - 125	70 - 300	150		96
	CD 700	700	Ø45	12.7 - 160	110.4 - 405	150		98
	CD 1000 V1	1000	Ø50	13 - 300	121 - 695	150		102
	CD 1500 V2	1500	Ø63	25 - 200	145 - 495	150		106
	CD 2400	2400	Ø75	25 - 300	160 - 710	150		110
	CD 4200	4200	Ø95	25 - 300	170 - 720	150		114
	CD 6600	6600	Ø120	25 - 300	190 - 740	150		118
	CD 9600	9600	Ø150	25 - 300	205 - 755	150		122
	CD 18500	18500	Ø195	25 - 300	210 - 760	150		126
	CM 200	200	Ø25	10 - 80	80 - 220	180		132
	CM 300	300	Ø32	12 - 100	84 - 260	150		134
	CM 350 V1	350	Ø32	10 - 80	70 - 210	150		136
	CM 500 V1	500	Ø38	10 - 100	75 - 260	150		138
	CM 600 V1	600	Ø45	12 - 100	84 - 260	150		140
	CM 1000 V1	1000	Ø50	10 - 200	105 - 495	160		142
	CM 1500 V1	1500	Ø63	10 - 200	105 - 495	150		146
	CM 2500 V1	2500	Ø75	10 - 200	115 - 510	160		150
	CM 4000 V1	4000	Ø95	25 - 200	155 - 530	150		154
	CM 6500 V1	6500	Ø120	25 - 200	165 - 540	150		158
	CM 10000	10000	Ø150	25 - 200	186 - 536	160		162
	GN 750	750	Ø50	12.5 - 175	95 - 420	150		168
	GN 1500	1500	Ø75	25 - 200	135 - 485	150		172
GN 3000	3000	Ø95	25 - 225	145 - 545	150		176	
GN 5000	5000	Ø120	25 - 250	152.5 - 602.5	150		180	
GN 7500	7500	Ø150	25 - 250	155 - 605	150		184	
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	FD 500	500	Ø45	6 - 125	62 - 300	150		192
	FD 750 V1	750	Ø50	6 - 125	62 - 300	150		196
	FD 1500 V2	1500	Ø75	25 - 100	110 - 260	150		200
	FD 3000	3000	Ø95	25 - 125	120 - 320	150		204
	FD 5000 V1	5000	Ø120	25 - 100	140 - 290	150		208



SERIES	MODEL	F <sub>0</sub>	Ø	S	L1			STANDARD	Page
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	CK 300 V1	300	Ø32	7 - 100	53 - 239	150			216
	CK 570 V1	570	Ø38	5 - 125	47 - 287	150			218
	CK 750 V1	750	Ø45	12 - 100	74 - 250	150			220
	CK 1000 V1	1000	Ø50	12 - 100	74 - 250	160			224
	CK 1500 V2	1500	Ø63	12 - 100	84 - 260	150			228
	CK 2500 V1	2500	Ø75	12 - 100	84 - 260	160			232
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	CT 200 V1	200	Ø25	7 - 80	47 - 193	180			242
	CT 300 V1	300	Ø32	5 - 100	47 - 237	150			244
	CT 550 V1	550	Ø38	12 - 125	56 - 282	150			246
	CT 750	750	Ø50	12 - 125	62 - 288	160			248
	CT 1000	1000	Ø50	10 - 125	58 - 288	160			254
	CT 1500	1500	Ø63	12 - 125	76 - 302	150			260
	CT 2500	2500	Ø75	12 - 200	78 - 454	150			266
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CW 500 V1		500	Ø38	10 - 125	50 - 280	150			322
CW 750 V1		750	Ø45	10 - 125	52 - 282	150			324
CW 1000 V2		1000	Ø50	13 - 125	64 - 288	150			330
CW 1500		1500	Ø63	13 - 125	70 - 294	150			336
CW 2400 V1		2400	Ø75	5 - 125	55 - 295	150			342
CW 4200 V1		4200	Ø95	16 - 125	90 - 308	150			348
CW 6600		6600	Ø120	16 - 125	100 - 318	150			352
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	CP 300 V1	300	Ø25	10 - 80	75 - 220	170			372
	CP 500 V1	500	Ø32	10 - 80	75 - 225	200			374
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	CP 3000 V1	3000	Ø63	10 - 80	95 - 255	190			380
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	CS 770 V2	770	Ø32	6 - 50	63 - 195	150			402
	CS 1000 V1	1000	Ø38	6 - 50	61 - 230	150			404
	CS 1800 V1	1800	Ø50	6 - 50	66 - 220	150			408
	CS 3000 V2	3000	Ø63	10 - 50	85 - 205	150			412
	CS 4700 V1	4700	Ø75	10 - 50	80 - 240	150			416
	CS 7500 V1	7500	Ø95	10 - 50	90 - 255	150			420
	CS 11800 V1	11800	Ø120	10 - 50	100 - 260	150			424
CS 18300 V1	18300	Ø150	10 - 50	110 - 270	150			428	











































# SELECTION CHART

∅ F <sub>0</sub>	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										
M45x1.5										
50	CPH 1700 CS 1800 CP 2000									
M50x1.5										
63			CPH 2800 CP 3000 CS 3000							
75	CD 2400 KZ 2400 CW 2400 CWC 2400 CM 2500 CK 2500 CT 2500	CT 3000	CPH 4300	CS 4700 CP 5000						
95			AG 3000 GN 3000 FD 3000	CM 4000 CK 4000 CD 4200 KZ 4200 CW 4200			CS 7500 CP 8000			
105					CT 5000					
120					AG 5000 GN 5000 FD 5000	CM 6500 CD 6600 KZ 6600 CW 6600			CS 11800	
150							AG 7500 GN 7500	CW 9500 CD 9600 CM 10000	CW 11800	CS 18300
195								AG 10000		CD 18500 CW 20000










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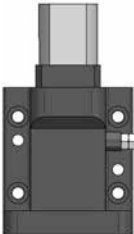


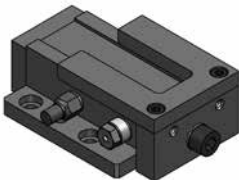
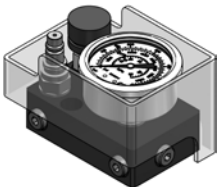
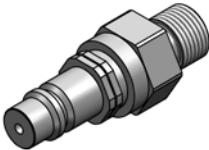



<p style="text-align: center; color: gray; font-size: 2em;">MINI</p>	 <p style="text-align: center;"><b>AFB</b></p> <p style="text-align: center;">Page 2</p>	 <p style="text-align: center;"><b>AFH</b></p> <p style="text-align: center;">Page 4</p>	 <p style="text-align: center;"><b>AFJ</b></p> <p style="text-align: center;">Page 6</p>
 <p style="text-align: center;"><b>AFK</b></p> <p style="text-align: center;">Page 8</p>	 <p style="text-align: center;"><b>AFD</b></p> <p style="text-align: center;">Page 10</p>	 <p style="text-align: center;"><b>AFC</b></p> <p style="text-align: center;">Page 12</p>	 <p style="text-align: center;"><b>AFC-H</b></p> <p style="text-align: center;">Page 14</p>
 <p style="text-align: center;"><b>AFNA</b></p> <p style="text-align: center;">Page 16</p>	 <p style="text-align: center;"><b>AF</b></p> <p style="text-align: center;">Page 18</p>	 <p style="text-align: center;"><b>AFT</b></p> <p style="text-align: center;">Page 20</p>	
<p style="text-align: center; color: gray; font-size: 2em;">THREADED</p>	 <p style="text-align: center;"><b>AS</b></p> <p style="text-align: center;">Page 24 - 34</p>	 <p style="text-align: center;"><b>ASP</b></p> <p style="text-align: center;">Page 36 - 40</p>	 <p style="text-align: center;"><b>AST</b></p> <p style="text-align: center;">Page 42 - 48</p>

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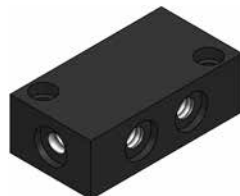
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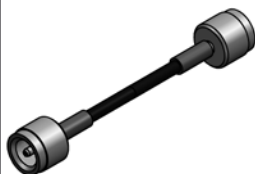
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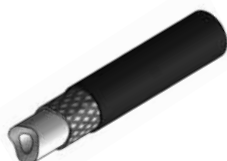
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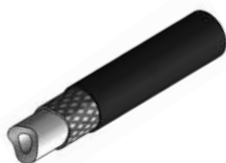
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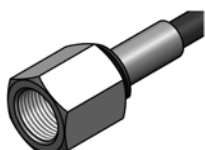
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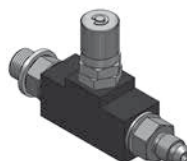
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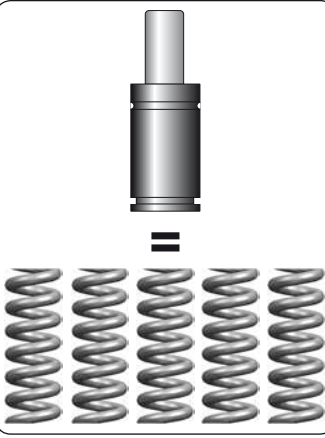
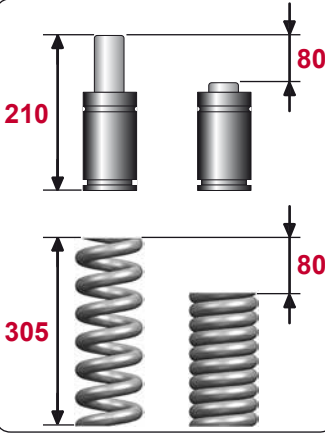
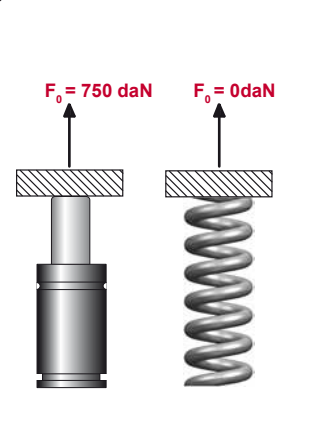
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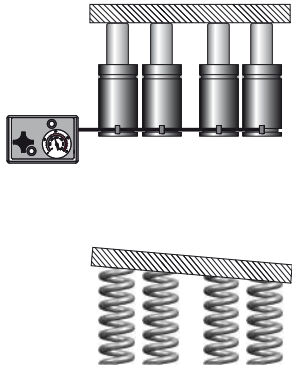
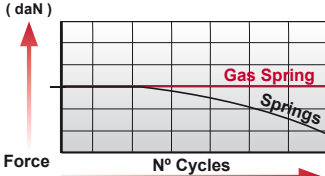
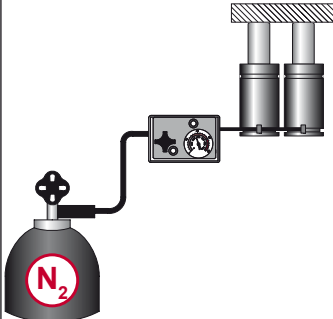
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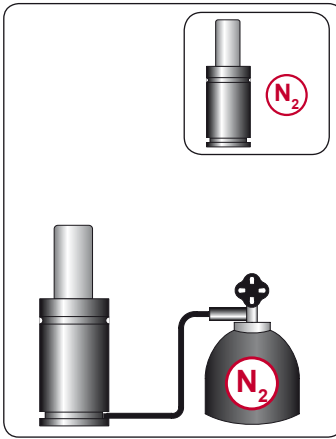
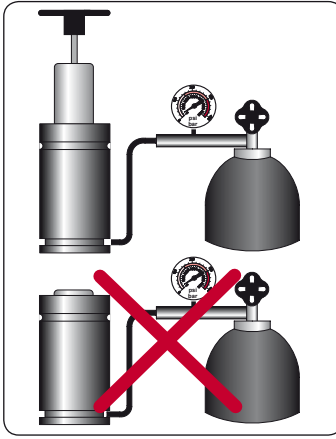
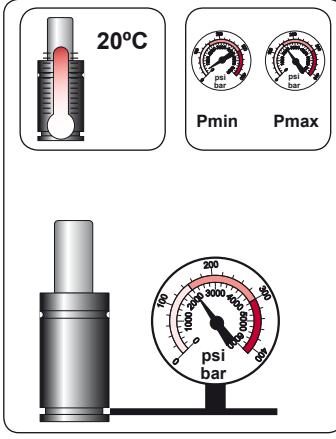
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# BENEFITS

	<p>ENG Reduction of surface area used, height, and volume occupied.</p> <p>DEU Beansprucht weniger platz, Höhe und volumen.</p> <p>FRA Réduction de la surface occupée, de l'espace en hauteur, et du volume total occupée.</p> <p>ITA Riduzione della superficie occupata, dello spazio in altezza, del volume occupato.</p> <p>ESP Reducción de la superficie usada, de la altura, y del volumen ocupado.</p> <p>POR Redução da superficie ocupada, do espaço em altura, del volumen ocupado.</p>
	<p>ENG Considerable height reduction for the same working deflection and force. Compact tool construction.</p> <p>DEU Im allgemeinen beträchtliche Verminderung der Höhe, bei gleichem Hub und gleicher Kraft. Kompaktere Werkzeug konstruktion.</p> <p>FRA Réduction importante des encombrements en hauteur avec une course et une force équivalente. Construction plus compacte de l'outillage.</p> <p>ITA Notevole riduzione degli ingombri in altezza a parità di forza e corsa. Costruzione dello stampo più compatta.</p> <p>ESP Reducción notable de la altura para fuerzas y carreras equivalentes. Construcción más compacta del troquel.</p> <p>POR Redução notável em altura com igual força e curso. Construção mais compacta da Ferramenta.</p>
	<p>ENG Considerable reduction of retaining devices to preload. No preload required.</p> <p>DEU Kein Bedarf an Vorrichtungen für Vorspannen, Führung und Aufnahme. Beseitigung der Vorspannung.</p> <p>FRA Réduction importante du nombre de dispositifs de précharge et guidage. Elimination de la précharge.</p> <p>ITA Eliminazione dei dispositivi di precarico e guidaggio. Eliminazione precarico.</p> <p>ESP Eliminación de los dispositivos de precarga y guiado. Eliminación de la precarga.</p> <p>POR Eliminação de dispositivos de pré-carga e guidamento. Eliminação da pré-carga.</p>

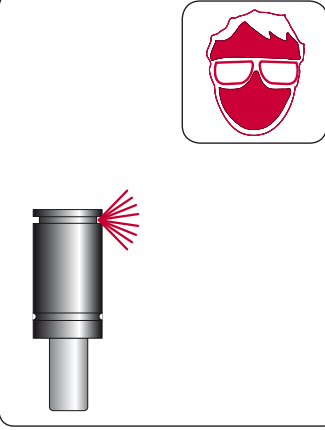
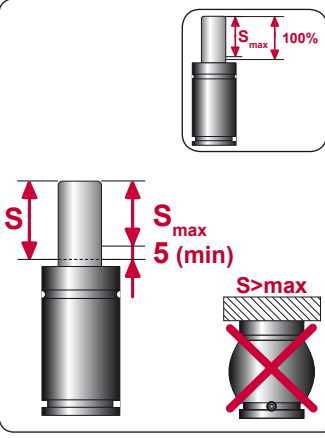
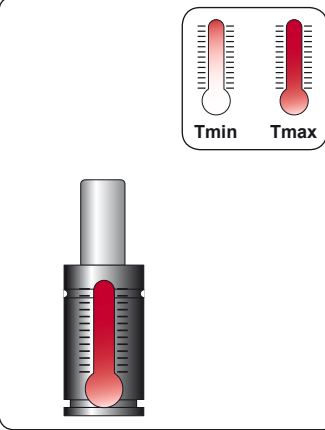
	<p><b>ENG</b> Always the same force on each contact point. Forces may be positioned exactly where required. System may be continually pressure monitored.</p> <p><b>DEU</b> Stets ausgeglichene und gleichförmige Kraft an allen Kontaktpunkten. Exakt an der gewünschten Stelle des Gesenks anwendbare Kraft. Ständige Sichtanzeige des Betriebsdrucks.</p> <p><b>FRA</b> Force toujours 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.</p> <p><b>ITA</b> Forza sempre bilanciata in tutti i punti di contatto. Forza posizionabile esattamente dove richiesto nello stampo. Visualizzazione continua della pressione.</p> <p><b>ESP</b> Fuerza siempre equilibrada en cada punto de contacto. Fuerza posicionable en el troquel donde se requiere exactamente. Visualización continua de la presión.</p> <p><b>POR</b> Força sempre equilibrada em todos os pontos de contacto. Força posicionável exactamente onde é necessária na Ferramenta. Visualização continua da pressão.</p>
	<p><b>ENG</b> Controlled production conditions on piece-parts during forming and drawing operations. Less rejection of piece-parts.</p> <p><b>DEU</b> Bessere Kontrolle des Werkstücks während den Phasen des Formens und des Ziehens. Bessere Qualität der fertigen Werkstücke. Weniger Ausschuss.</p> <p><b>FRA</b> Un meilleur contrôle de la pièce pendant les phases de découpage et d'emboutissage. Une quantité moindre de rebuts en production.</p> <p><b>ITA</b> Migliore controllo del materiale durante le fasi di formatura e imbutitura. Migliore qualità dei pezzi stampati. Minori scarti di produzione.</p> <p><b>ESP</b> Mayor control de las condiciones de producción durante las operaciones de conformado y embutición. Mejor calidad de las piezas. Menores rechazos en piezas.</p> <p><b>POR</b> Melhor controlo dos materiais durante a fase de formação e de cunhagem. Melhor qualidade das peças estampadas. Menores desperdícios na produção.</p>
	<p><b>ENG</b> Gas springs applied to provide the real forces required. Assurance of defined forces. The same cylinder may be re-used for different applications.</p> <p><b>DEU</b> Anpassung der Zylinder an die effektiv erforderliche Kraft. Gewissheit der definierten Kräfte. Verwendung desselben Zylinders für unterschiedliche Arbeiten.</p> <p><b>FRA</b> Adaptation des ressorts à gaz aux forces réellement requises. Certitude des forces définies. Utilisation d'un même ressort à gaz dans des travaux différents.</p> <p><b>ITA</b> Adeguamento dei cilindri alle forze realmente richieste. Utilizzo di uno stesso cilindro in lavori diversi.</p> <p><b>ESP</b> Adecuación de los cilindros a las fuerzas realmente necesarias. Utilización de un mismo cilindro en trabajos distintos.</p> <p><b>POR</b> Adaptação dos cilindros a las forças realmente necessárias. Utilização do mesmo cilindro em diferentes trabalhos.</p>

# OPERATING INSTRUCTIONS

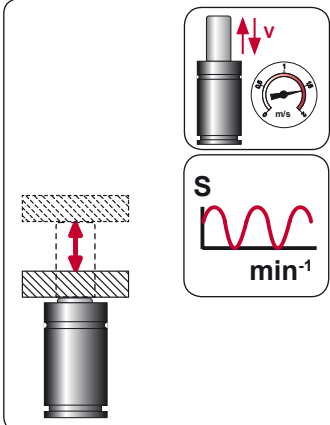
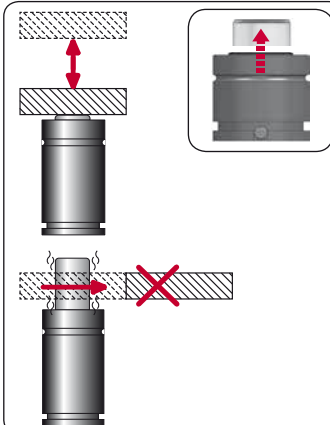
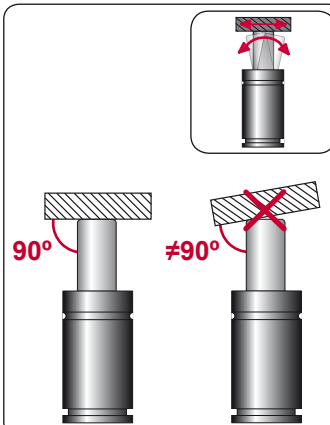
	<p><b>ENG</b> Charge only with NITROGEN (N<sub>2</sub>).</p> <p><b>DEU</b> Gasdruckfedern dürfen nur mit Stickstoff gefüllt werden.</p> <p><b>FRA</b> Charge seulement avec du GAZ AZOTE (N<sub>2</sub>).</p> <p><b>ITA</b> Caricare soltanto con GAS AZOTO (N<sub>2</sub>).</p> <p><b>ESP</b> Cargar únicamente con GAS NITROGENO (N<sub>2</sub>).</p> <p><b>POR</b> Carregar somente com GÁS de NITROGÊNIO (N<sub>2</sub>).</p>
	<p><b>ENG</b> Never fill a gas spring when the piston rod is not fully extended.</p> <p><b>DEU</b> Befüllung der Gasdruckfeder nur bei voll ausgefahrener Kolbenstange.</p> <p><b>FRA</b> Ne remplissez jamais un ressort où la tige n'est pas entièrement sortie.</p> <p><b>ITA</b> Caricare il cilindro ad azoto solo quando lo stelo e' completamente estratto.</p> <p><b>ESP</b> No cargar un cilindro de gas si el vástago no está completamente extendido.</p> <p><b>POR</b> Não carregue o cilindro se a haste não estiver totalmente fora do cilindro.</p>
	<p><b>ENG</b> Charge the gas spring between the minimum and the maximum allowable pressure, at a 20°C temperature.</p> <p><b>DEU</b> Gasdruckfedern dürfen nur zwischen dem minimal und maximal zulässigen Fülldruck befüllt werden, immer unter Berücksichtigung einer Umgebungstemperatur von 20°C.</p> <p><b>FRA</b> Chargez le ressort à gaz du minimum jusqu'à la pression maximale autorisée, à une température de 20°C.</p> <p><b>ITA</b> Caricare il cilindro ad azoto entro la pressione minima e massima autorizzata, ad una temperatura di 20°C.</p> <p><b>ESP</b> Cargar el cilindro de gas entre la máxima y mínima presión permitida, siempre teniendo en cuenta una temperatura de 20°C.</p> <p><b>POR</b> Sempre carregue o cilindro dentro do pressão mínimo e máximo autorizado, a uma temperatura de 20°C.</p>



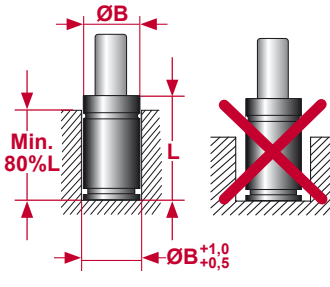

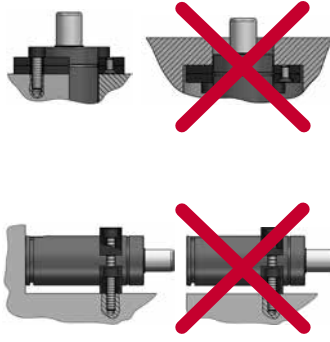
# OPERATING INSTRUCTIONS

	<p><b>ENG</b> When discharging a gas spring point the gas flow away from operator or anybody else.</p> <p><b>DEU</b> Beim Entladen Ventil nicht auf Personen richten.</p> <p><b>FRA</b> Pendant la décharge, dirigez l'écoulement de gaz à l'écart de l'opérateur ou d'autre personne.</p> <p><b>ITA</b> Durante lo scarico, orientare il flusso del gas in direzione opposta all'operatore ad altra persona.</p> <p><b>ESP</b> Durante la descarga, orientar el flujo de gas fuera del alcance del operador o de cualquier persona.</p> <p><b>POR</b> Durante a descarga do cilindro aponte o fluxo de gás fora do alcance do operador ou qualquer outra pessoa.</p>
	<p><b>ENG</b> Maximum recommended stroke 90%. Overstroke &gt;100% would cause damages to the cylinder and serious risks.</p> <p><b>DEU</b> Es wird empfohlen, eine 10%ige Hubreserve einzuplanen. Ein Überhub führt zur Zerstörung der Gasdruckfeder mit großen Risiken für Gesundheit und Leben von Personen.</p> <p><b>FRA</b> Course recommandée maximale 90%. Une course au dessus de 100% causerait des dommages au cylindre et de graves risques.</p> <p><b>ITA</b> Corsa massima suggerita 90%. Una corsa &gt; 100% danneggia il cilindro e provoca gravi rischi.</p> <p><b>ESP</b> Carrera máxima recomendada 90%. Excesos de carrera &gt; 100% causarían daños al cilindro y graves riesgos.</p> <p><b>POR</b> Curso de trabalho máximo recomendado de 90%. Curso maior que 100% causará danos ao cilindro e riscos graves.</p>
	<p><b>ENG</b> Respect the limits of the operating temperature.</p> <p><b>DEU</b> Die Grenzen der Arbeitstemperatur sind zu berücksichtigen.</p> <p><b>FRA</b> Respecter les limites de température de fonctionnement.</p> <p><b>ITA</b> Rispettare i limiti di temperatura di funzionamento.</p> <p><b>ESP</b> Respetar los límites de temperatura de funcionamiento.</p> <p><b>POR</b> Respeitar os limites de temperatura de funcionamento.</p>

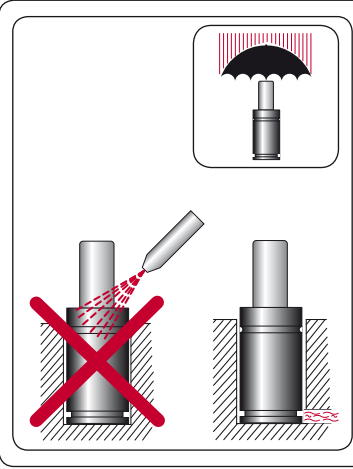
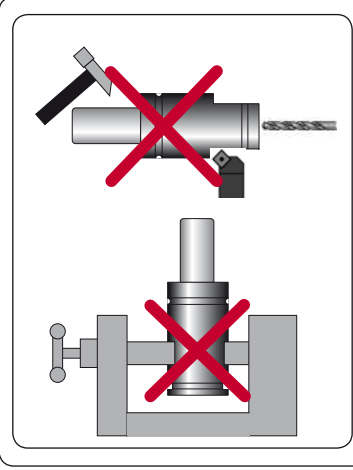
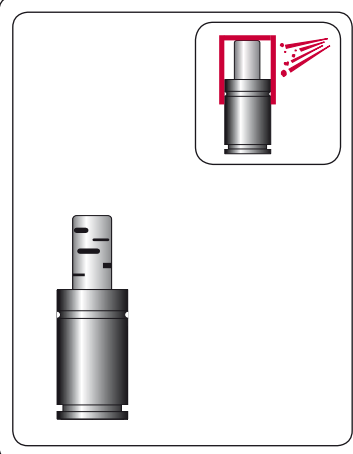
# OPERATING INSTRUCTIONS

	<p><b>ENG</b> Do not exceed the maximum allowed stroke speed. Maximum allowed cycles per minute should never be exceeded.</p> <p><b>DEU</b> Überschreiten Sie nicht die maximal zulässige Kolbengeschwindigkeit. Die maximale Hubfrequenz sollte nicht überschritten werden.</p> <p><b>FRA</b> Ne dépassez pas la vitesse maximale de course autorisée. Les cycles par minute maximales autorisées ne doit jamais être dépassée.</p> <p><b>ITA</b> Non superare la velocità massima di corsa autorizzata. I cicli massime autorizzate al minuto non deve mai essere superata.</p> <p><b>ESP</b> No superar la velocidad máxima de carrera. El número de ciclos por minuto permitidos no debe superarse.</p> <p><b>POR</b> Não exceda a velocidade máxima do curso autorizada. Os ciclos máximos autorizados por minuto não deve ser excedido.</p>
	<p><b>ENG</b> Avoid freely release of the piston rod, this would cause damages to the gas spring.</p> <p><b>DEU</b> Ein freier Rückhub muss vermieden werden, um Beschädigungen an der Gasdruckfeder zu vermeiden.</p> <p><b>FRA</b> Évitez le dégagement libre de la tige de piston, ceci endommagerait le ressort à gaz.</p> <p><b>ITA</b> Evitare il ritorno libero dello stelo, per non danneggiare il cilindro ad azoto.</p> <p><b>ESP</b> Evitar el retorno libre del vástago, esto dañaría al cilindro de gas</p> <p><b>POR</b> Evite que a haste trabalhe livremente, isto causará danos ao cilindro.</p>
	<p><b>ENG</b> Gas springs must always work completely perpendicular to the contact surface. Side loads increase wearing and reduce life expectancy.</p> <p><b>DEU</b> Es dürfen keine seitlichen Kräfte auf die Gasdruckfedern wirken, da sich sonst die Lebensdauer wesentlich verringert.</p> <p><b>FRA</b> Les ressorts doivent toujours fonctionner complètement perpendiculaire à la surface de contact. Les charges latérales augmentent l'usure et réduisent la durée de vie.</p> <p><b>ITA</b> 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.</p> <p><b>ESP</b> 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.</p> <p><b>POR</b> 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.</p>

## OPERATING INSTRUCTIONS

	<p><b>ENG</b> 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.</p> <p><b>DEU</b> Werden Gasdruckfedern in Vertiefung eingebaut, so sollte der Bohrungsdurchmesser nur 1 mm größer als der Federdurchmesser sein. Die Vertiefung sollte mindestens 80% von L betragen.</p> <p><b>FRA</b> 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.</p> <p><b>ITA</b> 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.</p> <p><b>ESP</b> 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.</p> <p><b>POR</b> 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.</p>
	<p><b>ENG</b> 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.</p> <p><b>DEU</b> Das Gewinde in der Kolbenstange dient nur zu Wartungsarbeiten und darf nicht zur Befestigung der Gasdruckfeder benutzt werden.</p> <p><b>FRA</b> N'employez pas le trou fileté de tige de piston pour la fixation du ressort dans l'outil. Ce trou doit être employé seulement pour des opérations d'entretien.</p> <p><b>ITA</b> Non usare il filetto dello stelo per la riparazione durante il lavoro. Il filetto deve essere usato solamente per gli interventi di manutenzione.</p> <p><b>ESP</b> No usar el agujero roscado del vástago para la fijación del cilindro al útil. Este agujero sólo debe emplearse para operaciones de mantenimiento.</p> <p><b>POR</b> Não use o furo rosqueado da haste para fixar o cilindro. Ele só deve ser utilizado em serviços de manutenção.</p>
	<p><b>ENG</b> Fix the gas spring into the tool through the appropriate mount. The bottom should be supported at all the times. A flat surface against the base is always required.</p> <p><b>DEU</b> Die Befestigung der Gasdruckfeder sollte mittels angemessener Befestigungsflansche erfolgen.</p> <p><b>FRA</b> Fixez le ressort à gaz dans l'outil par la bride appropriée.</p> <p><b>ITA</b> Fissare i cilindri ad azoto solamente con gli specifici elementi di fissaggio. E 'sempre consigliato di sostenere la base del cilindro del gas contro una superficie piana.</p> <p><b>ESP</b> 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.</p> <p><b>POR</b> Fixe o cilindro na ferramenta com a flange adequada. É sempre recomendável para apoiar a base do cilindro de gás contra uma superfície plana.</p>

# OPERATING INSTRUCTIONS

	<p><b>ENG</b> Protect the gas springs from solid or liquid contaminants. Provide adequate drainage in gas springs pockets.</p> <p><b>DEU</b> Schützen Sie die Gasdruckfedern vor Kontakt mit festen oder flüssigen Verschmutzungen. Bei Einbau in Kavitäten müssen Drainage-Kanäle eingebracht werden.</p> <p><b>FRA</b> Protégez les ressorts à gaz contre les contaminants solides ou liquides. Un drainage dans les poches des ressorts est recommandé.</p> <p><b>ITA</b> Proteggere i cilindri ad azoto da ogni contaminazione solida o liquida. E' suggerito uno scarico sufficiente nel caso di sede alesata.</p> <p><b>ESP</b> Proteger los cilindros de gas de contaminantes sólidos o líquidos. Proporcionar drenaje adecuado a las cajeras donde se instalan los cilindros.</p> <p><b>POR</b> Proteja os cilindros de contaminadores sólidos ou líquidos. Recomenda-se a drenagem dos alojamentos.</p>
	<p><b>ENG</b> Avoid whatever impact and do not make any mechanical work on the gas spring body or piston rod.</p> <p><b>DEU</b> Schützen Sie die Gasdruckfeder insgesamt ( besonders Körper und Kolbenstangen ) gegen mechanische Beschädigung.</p> <p><b>FRA</b> Evitez quelqu'impact que ce soit et ne faites aucun travail mécanique sur la tige ou le corps du ressort à gaz.</p> <p><b>ITA</b> Evitare ogni lavoro meccanico ed ogni danneggiamento al corpo e allo stello della molla a gas.</p> <p><b>ESP</b> Evitar cualquier impacto o trabajo mecánico en el cuerpo o vástago del cilindro.</p> <p><b>POR</b> Evite qualquer impacto ou trabalho mecânico tanto na haste como no corpo do cilindro.</p>
	<p><b>ENG</b> Gas springs with scratches on the piston rod surface should be replaced.</p> <p><b>DEU</b> Gasdruckfedern mit Kratzern auf der Kolbestange-Oberfläche sollten ersetzt werden.</p> <p><b>FRA</b> Des ressorts à gaz avec des éraflures sur la surface de la tige devraient être remplacés.</p> <p><b>ITA</b> Le molle a gas con graffi sulla superficie dello stello devono essere sostituite.</p> <p><b>ESP</b> Los cilindros de gas con marcas en la superficie del vástago deberían reemplazarse.</p> <p><b>POR</b> O cilindro que apresentarem riscos na haste a mesma deverá ser substituída.</p>

## OPERATING INSTRUCTIONS

 	<p><b>ENG</b> 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.</p> <p><b>DEU</b> Arbeiten an den Gasdruckfedern dürfen ausschließlich von geschulten Mitarbeitern durchgeführt werden. Die technischen Hinweisen, Vorgaben und Anweisungen von Azolgas müssen unbedingt und jederzeit befolgt werden.</p> <p><b>FRA</b> 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.</p> <p><b>ITA</b> 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.</p> <p><b>ESP</b> 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.</p> <p><b>POR</b> A manutenção dos cilindros deve ser realizada somente por pessoas qualificadas, com treinamento apropriado, e seguindo as instruções de funcionamento e manutenção da Azolgas.</p>
 	<p><b>ENG</b> Most of Azolgas gas springs could be used into linked systems. Linked systems allow users to easily monitor, control and adjust pressure.</p> <p><b>DEU</b> Die meisten Azolgas Gasdruckfedern können durch Verschlauchung in einem Verbundsystem arbeiten. Das erleichtert das Steuern, Ablesen und das Anpassen des Druckes.</p> <p><b>FRA</b> 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.</p> <p><b>ITA</b> 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.</p> <p><b>ESP</b> La mayoría de los cilindros de gas Azolgas pueden ser usados en sistemas conexonados, permitiendo al usuario la fácil monitorización, control y ajuste de presión.</p> <p><b>POR</b> A maioria dos cilindros Azolgas pode ser utilizado em sistemas interligados, permitindo ao usuário fácil monitoramento e controlo da pressão.</p>
	<p><b>ENG</b> Designed and manufactured according PED 97/23/CE. The user of the gas springs is responsible for 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.</p> <p><b>DEU</b> Gasdruckfedern sind entwickelt und hergestellt nach Druckgeräte-Richtlinie PED 97/23/CE. Der Benutzer hat dafür zu sorgen dass die nationale Richtlinien bezüglich Wartung und periodische Inspektionen unbedingt eingehalten werden. Azolgas empfiehlt, die Gasdruckfedern nach 2 Millionen Hüben, spätestens nach 10 Jahren, zu ersetzen.</p> <p><b>FRA</b> Conçu et fabriqué selon PED 97/23/CE. L'utilisateur des ressorts à gaz est responsable pour les 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.</p> <p><b>ITA</b> Progettato e prodotto secondo PED 97/23/CE. L'utente delle molle a gas è responsabile di 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.</p> <p><b>ESP</b> Diseñado y fabricado según PED 97/23/CE. El usuario del equipo a presión deberá responsabilizarse 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.</p> <p><b>POR</b> Projetado e fabricado de acordo com a PED 97/23/CE. O usuário dos cilindros é responsável por inspeções 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.</p>

# HOW TO USE THE CATALOGUE



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## FD 1500 V2

Low Profile

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 <sub>0</sub> daN	F <sub>1</sub> 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<sub>2</sub> Smax < 90% Vmax 1,6 m/s bar psi bar psi °C °F °C °F 600 CP-

20 290 150 2175 0 32 80 176

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# HOW TO USE THE CATALOGUE

**1**

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

**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 MAX. RECOMENDADA CICLOS/MINUTO

**2**

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

**9**

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

**3**

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

**10**

ENG	MAX. RECOMMENDED USE OF THE STROKE
DEU	MAX. EMPFHOLENE 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

**4**

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

**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)

**5**

ENG	PED 97/23/CE - CE DIRECTIVE
DEU	PED 97/23/CE - RICHTLINIE EG
FRA	PED 97/23/CE - DIRECTIVE CE
ITA	PED 97/23/CE - DIRETTIVA CE
ESP	PED 97/23/CE - DIRECTIVA CE
POR	PED 97/23/CE - DIRECTIVA CE

**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

**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

**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

**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

**14**

ENG	OPTION PIPING. RECOMMENDED CONTROL PANEL
DEU	OPTIONALE VERSCHLAUCHUNG. EMPFOHLENE KONTROLLARMATUR
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



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## FD 1500 V2 MOUNTS

Low Profile

 s mm  Ø mm  L1 mm	50	50	50	50	50	50		
	Ø75	Ø75	Ø75	Ø75	Ø75	Ø75		
	L1=137 L1=145 L1=159	L1=154 L1=160 L1=160	L1=185 L1=195 L1=210	L1=210	L1=175 L1=200	L1=240		
<b>MODEL</b>	✗	✗	CT 2500 CK 2500 FD 1500	GN 1500 CM 2500 CD 2400	AG 1500	CPH 4300 CP 5000	CS 4700	
<b>SERIES</b>	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE

**16** | **A14-075** E24 54 815 G  
EM24 54 700 F

**17** | **A34-075**

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

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# 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

**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

**16**

ENG	MOUNTS
DEU	FLANSCHEN
FRA	BRIDES
ITA	FLANGE
ESP	BRIDAS
POR	FIXAÇÃO

**20**

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

**17**

ENG	MOUNTS STANDARDS
DEU	FLANSCHEN NORMEN
FRA	NORMES DE BRIDES
ITA	STANDARS DELLE FLANGE
ESP	ESTÁNDARDS DE BRIDAS
POR	PADRÕES DE FLANGES

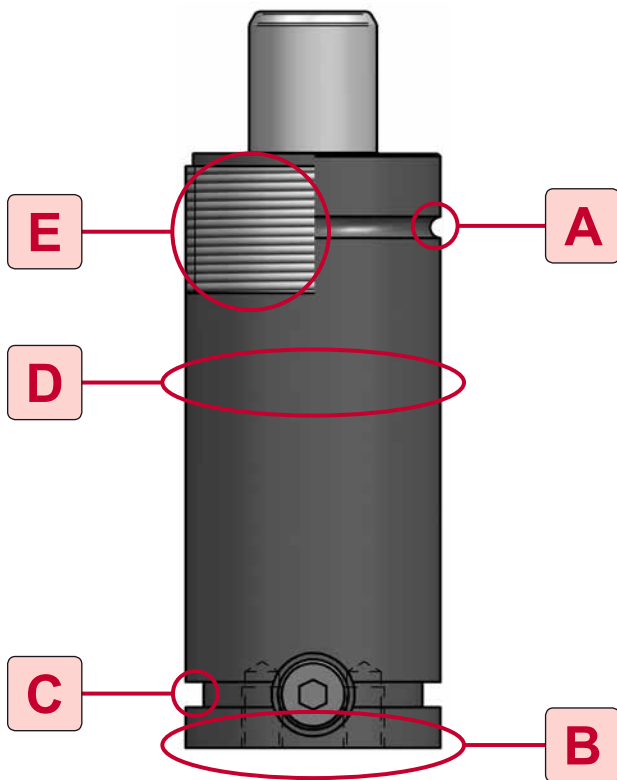
**21**

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

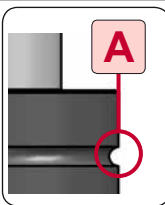
**18**

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 NITROGÉNIO

# HOW TO USE THE CATALOGUE



ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO



**A**  
TYPE

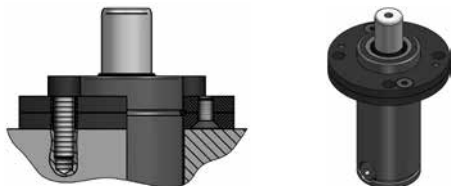
**14**  
MODEL

**50**  
Ø

**A 14 050**

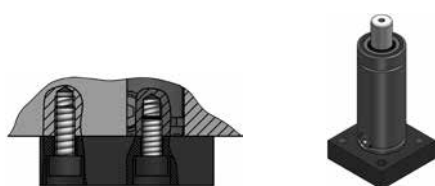
## HOW TO USE THE CATALOGUE

A



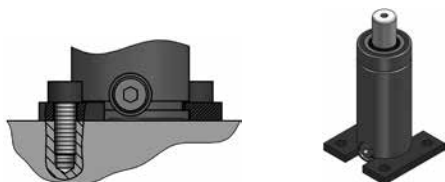
ENG	UPPER ROUND GROOVE FLANGE
DEU	BUNDFLANSCH
FRA	COLLERETTE POUR GORGE RONDE SUPÉRIEURE
ITA	FLANGIA PER SCANALATURA ROTONDA SUPERIORE
ESP	BRIDA PARA CAJERA SUPERIOR REDONDA
POR	FLANGE PARA O SULCO REDONDO SUPERIOR

B



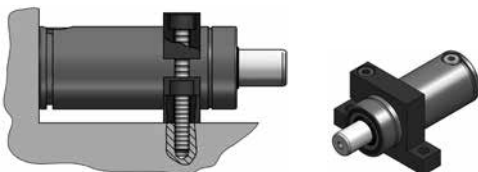
ENG	BOTTOM MOUNT PLATE
DEU	UNTERE BEFESTIGUNGS-PLATTE
FRA	PLAQUE FIXATION INFÉRIEURE
ITA	BASE INFERIORE DI FISSAGGIO
ESP	BASE INFERIOR DE FIJACIÓN
POR	PLACA INFERIOR DA MONTAGEM

C



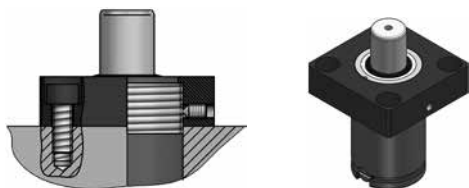
ENG	LOWER SQUARE GROOVE FLANGE
DEU	FUSSFLANSCH
FRA	FLASQUE-BRIDE POUR GORGE CARRÉE INFÉRIEURE
ITA	SEMI-FLANGIA PER SCANALATURA QUADRATA INFERIORE
ESP	BRIDA PARA CAJERA INFERIOR CUADRADA
POR	FLANGE PARA O SULCO QUADRADO INFERIOR

D



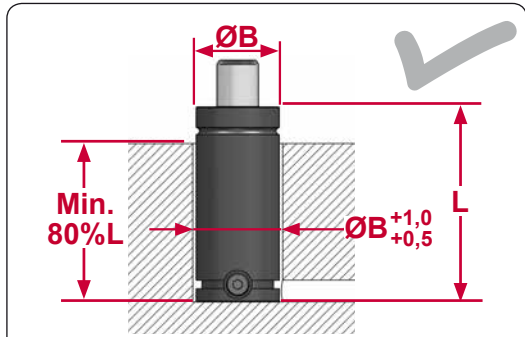
ENG	SUPPORT MOUNT
DEU	KLEMMFLANSCH
FRA	SUPPORT AVANT
ITA	SUPPORTI ANTERIORI
ESP	BRIDA DE APOYO
POR	FLANGE DE SUSTENTAÇÃO

E

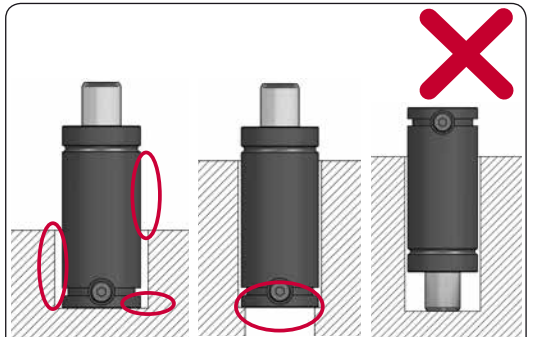


ENG	THREADED BODY FLANGE
DEU	KÖRPER GEWINDE FLANSCH
FRA	BRIDE VISSÉE SUR LE CORPS FILETÉ
ITA	FLANGIA FILETTATA PER IL CORPO
ESP	BRIDA ROSCADA SOBRE EL CUERPO
POR	FLANGE ROSQUEADA DO CORPO

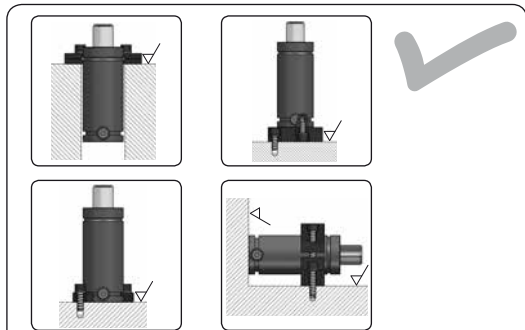
# INSTALLATION EXAMPLES



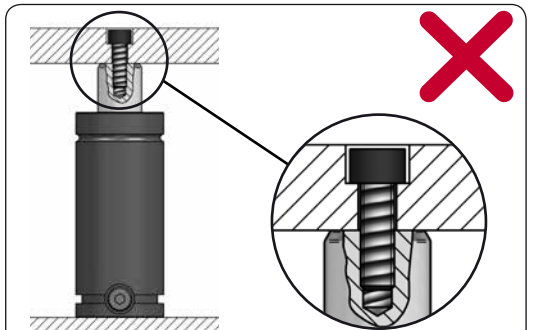
The bored pocket diameter should not exceed 1mm larger than the gas spring body diameter. The bore pocket depth must be minimum 80% of L. Provide adequate drainage in gas springs pockets when required.



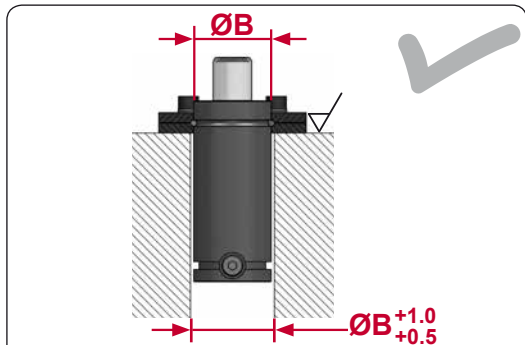
Incorrect pockets (i.e. larger diameter or shorter length) may cause structural damage or reduced life of gas springs.



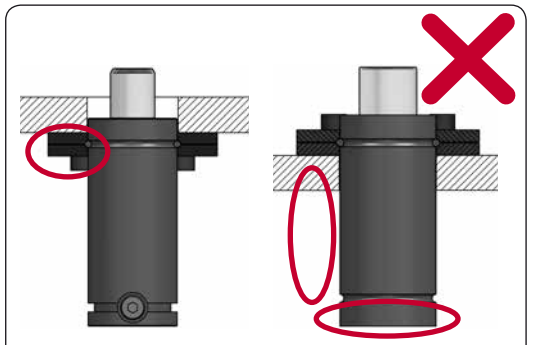
Fix the gas spring into the tool through the appropriate mount in the right way.



Do not use the piston rod threaded hole for fixing the gas spring into the tool. The top rod threaded hole is only to be used when servicing the gas springs.

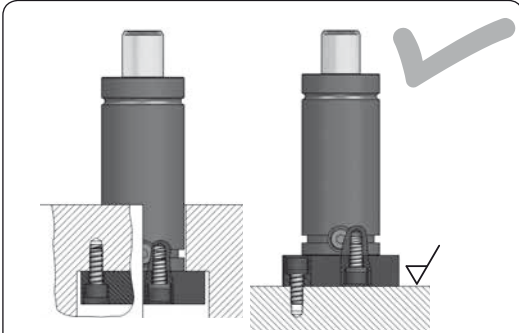


**Example mount type A**  
When using mount type A into a bored pocket, the bored pocket diameter should not exceed 1mm larger than the gas spring body diameter.



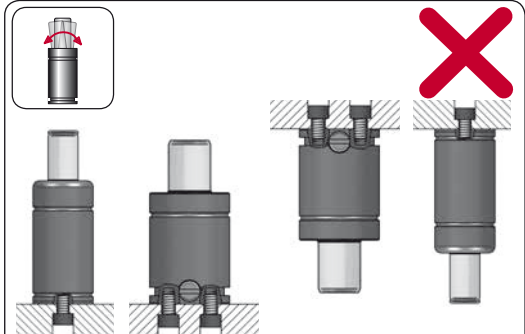
**Example mount type A**  
In Compact Power Stroke series (CS) and Heavy Load Series (CP-CPH) the bottom should be supported at all the times. A flat surface against the base is always required.

# INSTALLATION EXAMPLES

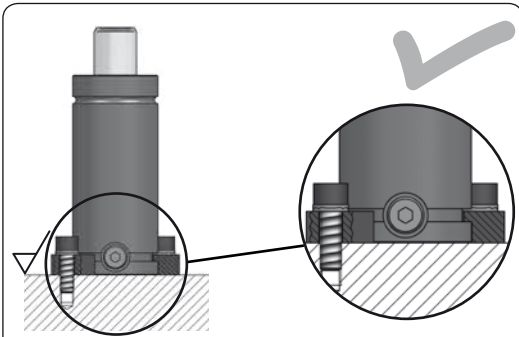


### Example mount type B

Fix the gas spring into the tool through the appropriate mount in the right way.

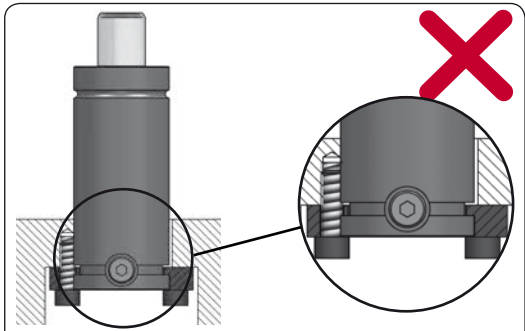


In MINI and Compact Height series (CW) avoid side loads by using the appropriate mounts. Do not fix the MINI and Compact Height series (CW) to the tool only by using screws at the bottom.



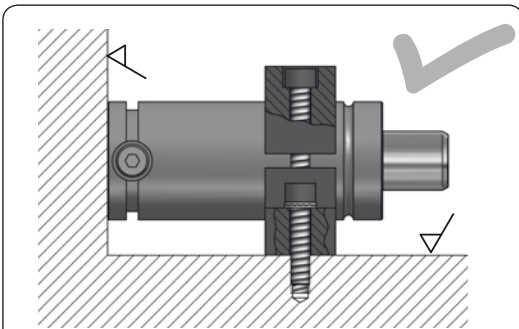
### Example mount type C

Fix the gas spring into the tool through the appropriate mount in the right way.



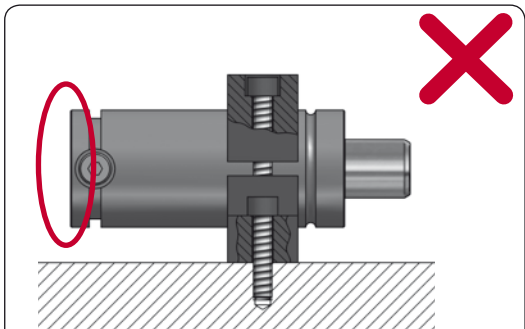
### Example mount type C

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



### Example mount type D

Fix the gas spring into the tool through the appropriate mount in the right way.







### Example mount type D


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

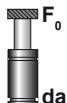
# COLOR CODE: MINI GAS SPRINGS


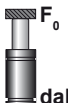

AFB V2	COLOR			 F <sub>0</sub> daN	 F <sub>1</sub> daN
		bar	psi		
AFB 13 050 V2	Green	45	650	13	20
AFB 25 050 V2	Blue	90	1305	25	40
AFB 38 050 V2	Red	135	1960	38	60
AFB 50 050 V2	Yellow	180	2610	50	80
AFB XX 050 V2	Black	20-180	290-2610	6 - 50	9 - 80



AFH V1	COLOR			 F <sub>0</sub> daN	 F <sub>1</sub> daN
		bar	psi		
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			 F <sub>0</sub> daN	 F <sub>1</sub> daN
		bar	psi		
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			 F <sub>0</sub> daN	 F <sub>1</sub> daN
		bar	psi		
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			 F <sub>0</sub> daN	 F <sub>1</sub> daN
		bar	psi		
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			 F <sub>0</sub> daN	 F <sub>1</sub> daN
		bar	psi		
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			 F <sub>0</sub> daN	 F <sub>1</sub> daN
		bar	psi		
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			 F <sub>0</sub> daN	 F <sub>1</sub> daN
		bar	psi		
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			 F <sub>0</sub> daN	 F <sub>1</sub> daN
		bar	psi		
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 einem verschiedenen Druck von Pmin bis 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.



# FROM SELF-CONTAINED TO HOSED **AZOL GAS**

**1**

CODE	
AG 750 050	1c
AG-H 750 050	

ENG ORDER  
DEU BESTEL  
FRA COM

Gas springs may be ordered as a self-contained use or as a linked use. Check in the corresponding catalogue sheet how to order (just by adding -H to the gas spring model).

**2** **AG** **AG-H**

Gas springs for a self-contained use are supplied with filling valve and fully load with N<sub>2</sub> gas. Gas springs for a linked use are supplied without filling valve and discharged (without N<sub>2</sub> gas).

**3**

In order to unload the gas spring, set its rod down. When discharging a gas spring point the gas flow away from operator or anybody else.

**4**

Thread the draining tool to the filling port thread and turn it slowly in order to get it fully drained. Check the cylinder is completely unloaded, it should be possible to insert the rod by hand and stay in this position.

**5**



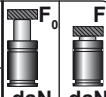


Check the type of valve in the gas spring. Use the corresponding key adapter to unscrew the valve:  
 - ABXP  
 - XTCP

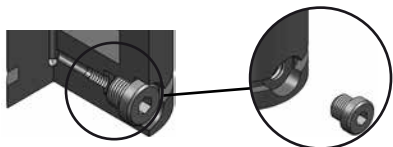
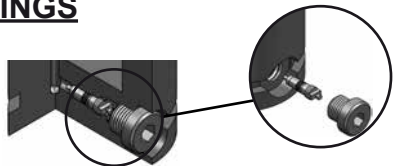
**6**


Fit the corresponding adapter (M6 or G1/8"). Extend fully the piston rod with the LM tool, never with gas. Gas spring is now ready to be linked.




## SELF-CONTAINED OR HOSED GAS SPRINGS



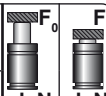


CODE					
		bar	psi	daN	daN
AG 750 050		150	2175	740	1100
AG-H 750 050		0	0	---	---

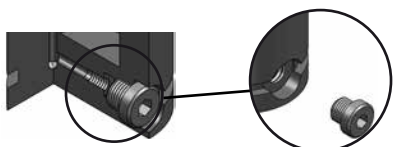
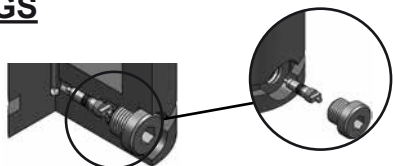



	ENG	Self-contained gas spring	Gas spring delivered charged (with filling valve)
	DEU	Autonome Gasdruckfeder	Gasdruckfeder befüllt (mit Ventil)
	FRA	Ressort à gaz autonome	Ressort à gaz fourni chargé (avec valve de charge)
	ITA	Cilindro ad azoto autonomo	Cilindro fornito carico (con valvola di carico)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

	ENG	Ready to be holed	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 conexión	Cilindro de gas suministrado descargado (sin válvula de carga)
POR	Pronto a ser interligado	Cilindro de gás fornecido descarregado (sem válvula de carga)	

## ONLY PERMANENT HOSED GAS SPRINGS

CODE					
		bar	psi	daN	daN
-----		---	---	---	---
APFC-H 150 050		0	0	---	---

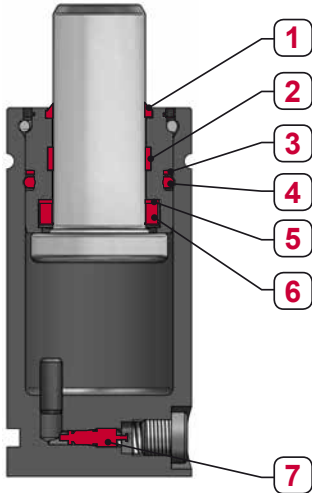


	ENG	Hosed gas spring	Gas spring delivered unfilled and it can only be used in a permanent connection (valveless)
	DEU	Gasdruckfeder zum verschlauchen	Gasdruckfeder wird drucklos angeliefert und kann nur im Verbund eingesetzt werden (ohne Ventil)
	FRA	Ressort à gaz relié	Ressort à gaz fourni non chargé 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 conexiónable	Cilindro de gas suministrado descargado y sólo puede ser usado en un sistema conexiónado 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)	

# REPAIR KIT



## SEAL KIT

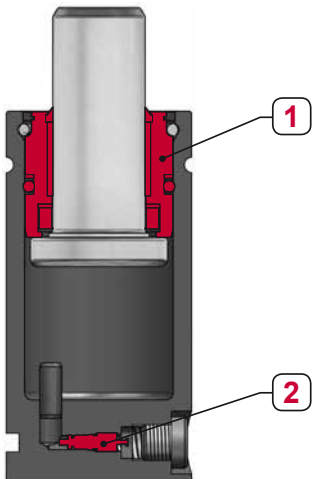


## KIT S-XXXXXXX

Nº	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



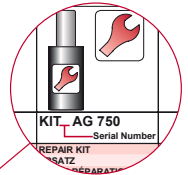
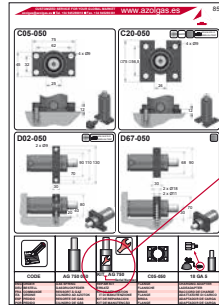
## KIT C-XXXXXXX

Nº	Description	Quantity
1	Dust cover	1
2	Cartridge	1
3	Filling valve	1
	Oil bottle	1
	Operating instructions	1

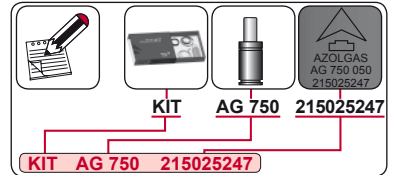


# REPAIR KIT

## HOW TO ORDER KIT REPAIR (OLD VERSION)

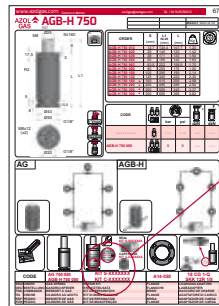


### HOW TO ORDER

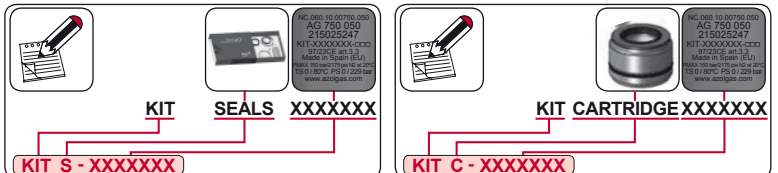


Should the gas spring be marked a serial number on the body (e.g. 215025247), the way to order the kit repair is as follows: KIT – gas spring model – serial number.

## 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□□).

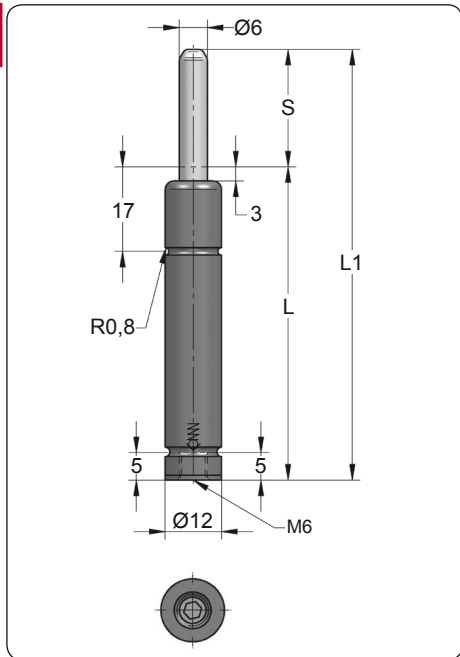
# NOTES



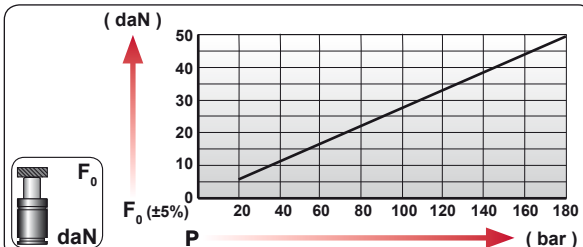


# AFB V2

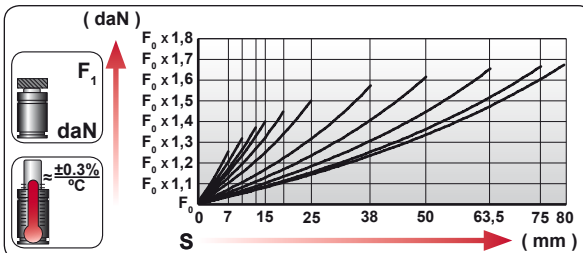
Mini



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



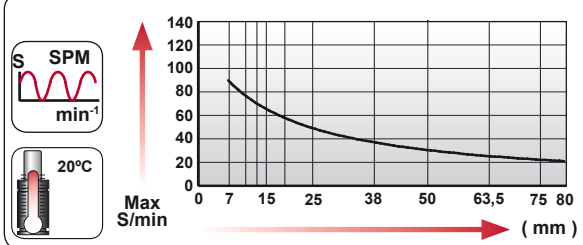
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
AFB 13 050 V2	Green	45	650	13	20
AFB 25 050 V2	Blue	90	1305	25	40
AFB 38 050 V2	Red	135	1960	38	60
AFB 50 050 V2	Yellow	180	2610	50	80
AFB XX 050 V2	Black	20-180	290-2610	6 - 50	9 - 80



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

**AFB 50 50**

**AFB 50 050 V2**

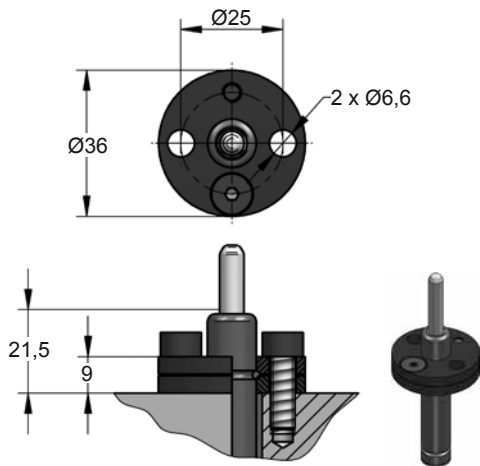


N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

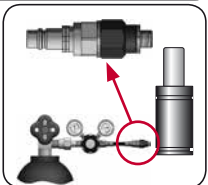
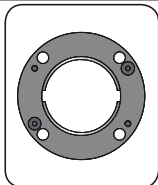
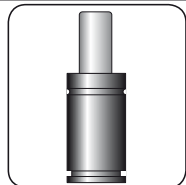
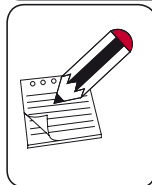
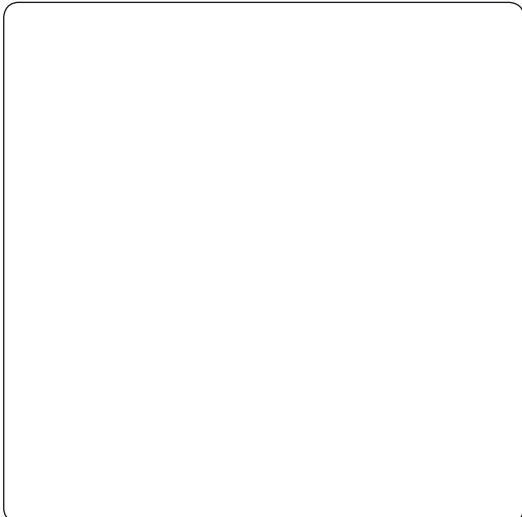
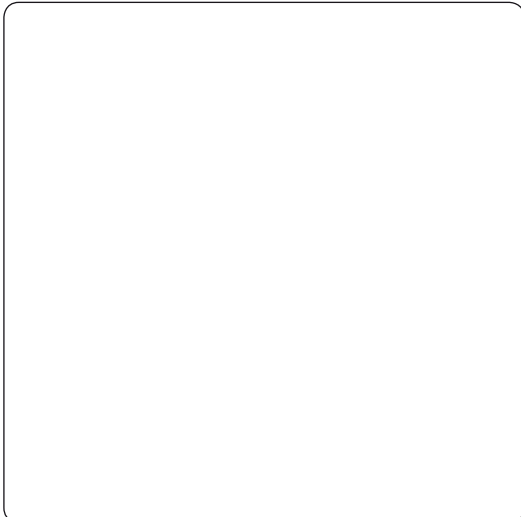
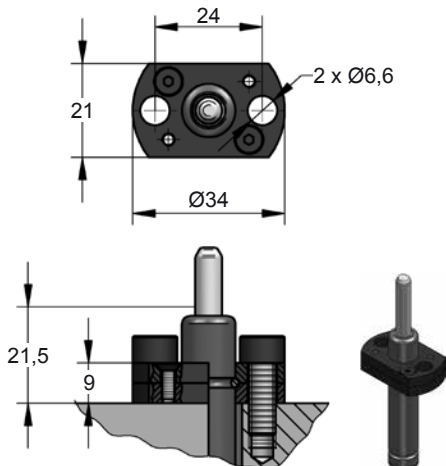
bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	180	2610	0	32	80	176	

Mini

## A14-012



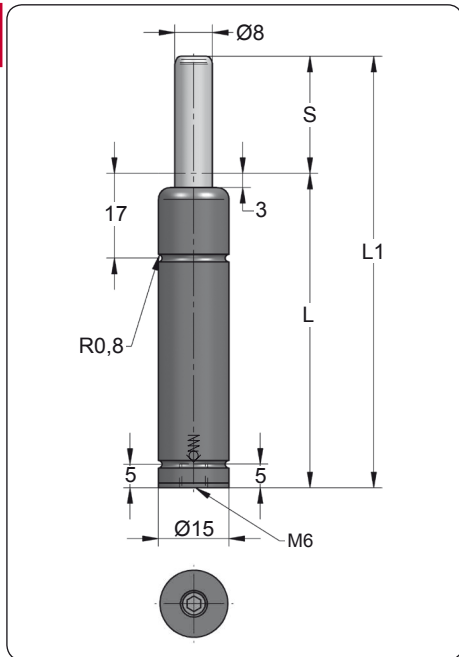
## A59-012



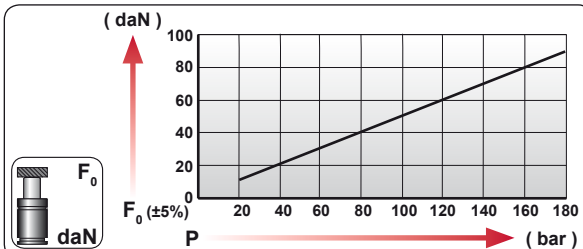
CODE	AFB 50 050 V2	<b>X</b>	A14-012	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

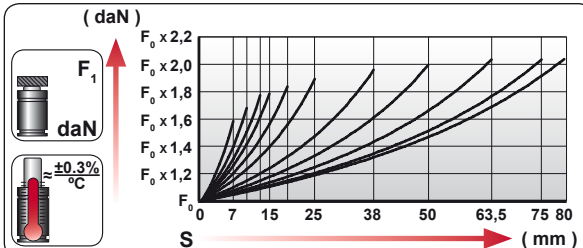
Mini



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



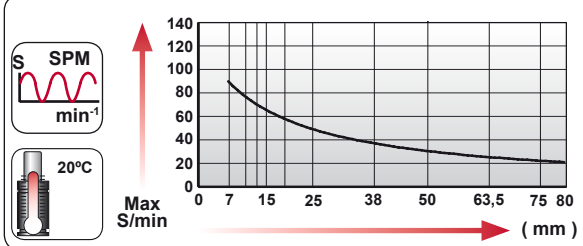
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
AFH 18 050 V1	Green	35	510	18	35
AFH 35 050 V1	Blue	70	1015	35	70
AFH 50 050 V1	Red	100	1450	50	100
AFH 70 050 V1	Yellow	140	2030	70	140
AFH XX 050 V1	Black	20-180	290-2610	10 - 90	20 - 180



	ENG ORDER		F <sub>0</sub> daN		S mm
	DEU BESTELLUNG				
	FRA COMMANDE				
	ITA ORDINE				
	ESP PEDIDO				
POR PEDIDO					

**AFH 90 50**

**AFH 90 050 V1**



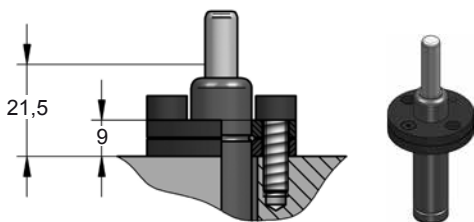
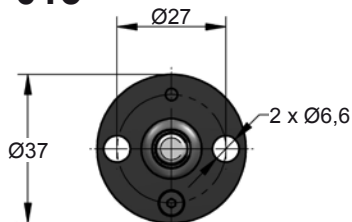
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	180	2610	0	32	80	176	

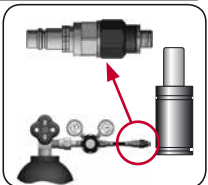
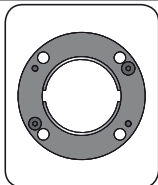
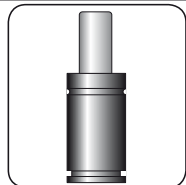
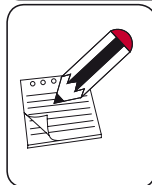
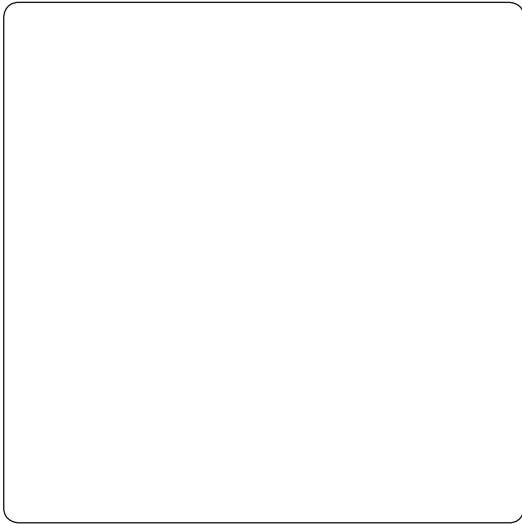
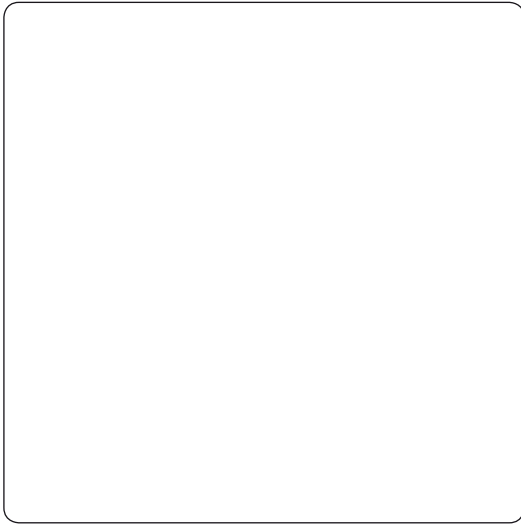
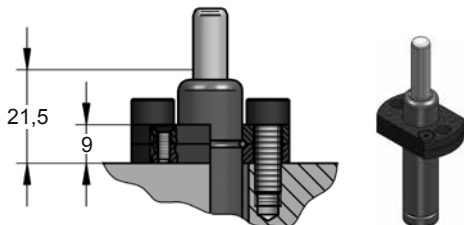
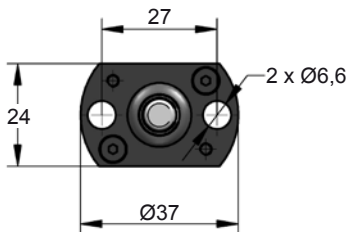


Mini

## A14-015



## A49-015



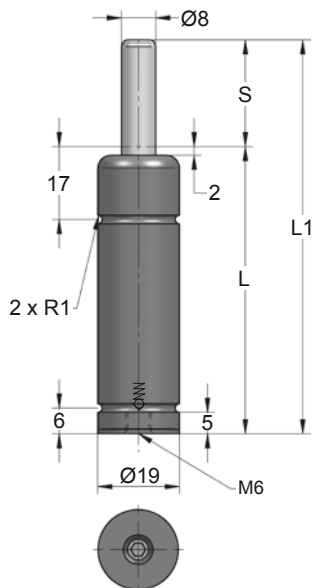
CODE	AFH 90 050 V1	<b>X</b>	A14-015	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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		

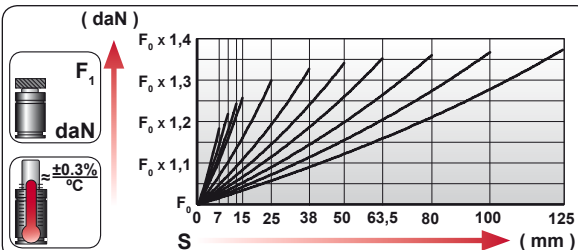
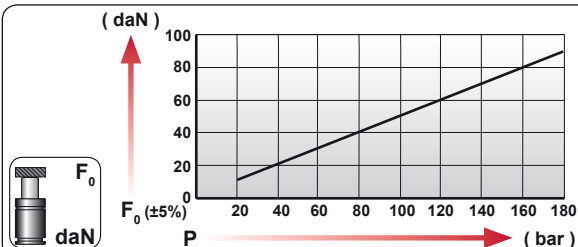
**AZOL GAS**



CODE	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

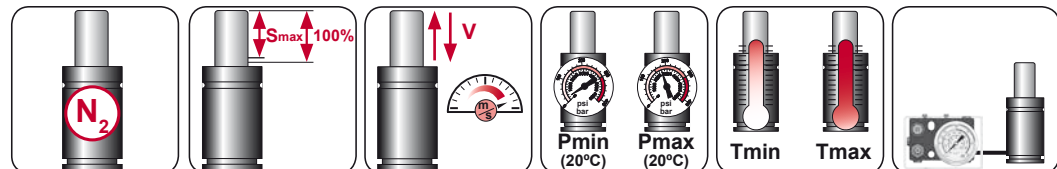
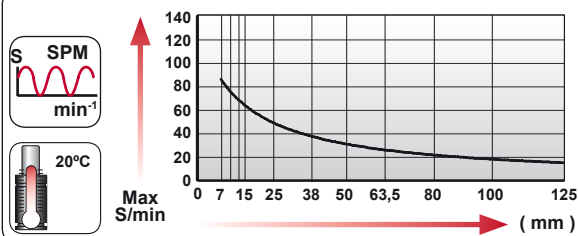


CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
AFJ 30 050 V1	Green	60	870	30	40
AFJ 50 050 V1	Blue	100	1450	50	70
AFJ 70 050 V1	Red	140	2030	70	95
AFJ 90 050 V1	Yellow	180	2610	90	120
AFJ XX 050 V1	Black	20-180	290-2610	10 - 90	13 - 120



Language	Order Term	Force (F0)	Stroke (S)
ENG	ORDER	90 daN	50 mm
DEU	BESTELLUNG		
FRA	COMMANDE		
ITA	ORDINE		
ESP	PEDIDO		
POR	PEDIDO		

**AFJ 90 050 V1**

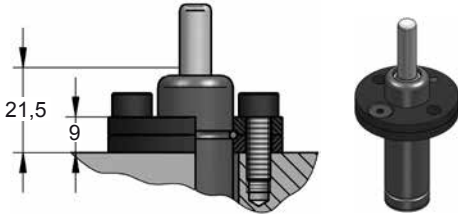
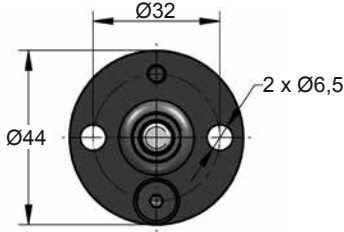


N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	°C °F	✗
			20 290	180 2610	0 32	80 176			

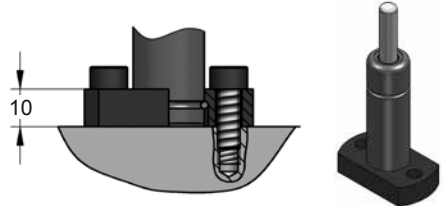
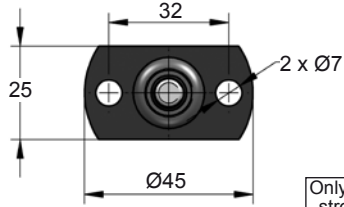
# AFJ V1 MOUNTS

Mini

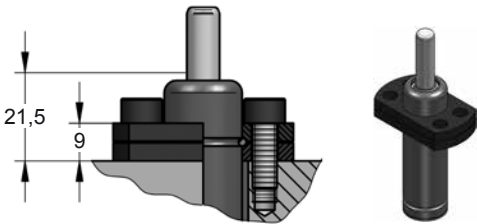
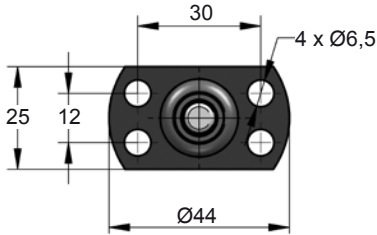
## A14-019



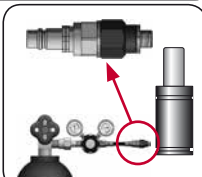
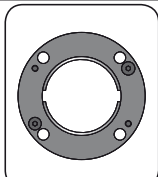
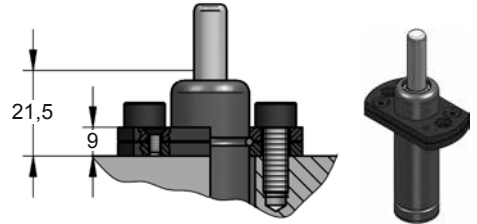
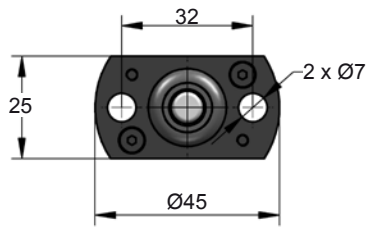
## A19-019



## A44-019



## A59-019

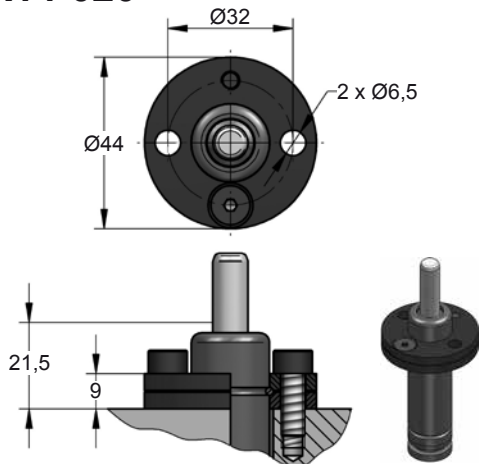


CODE	AFJ 90 050 V1	<b>X</b>	A14-019	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE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

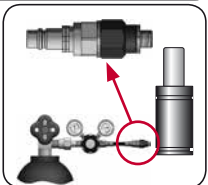
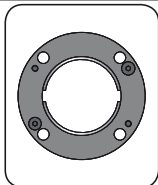
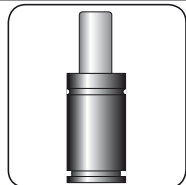
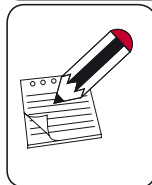
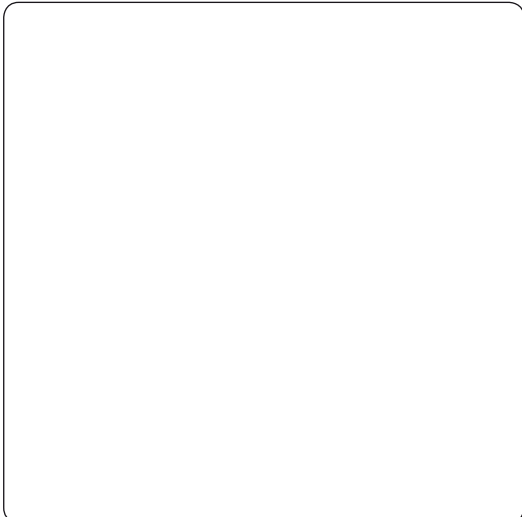
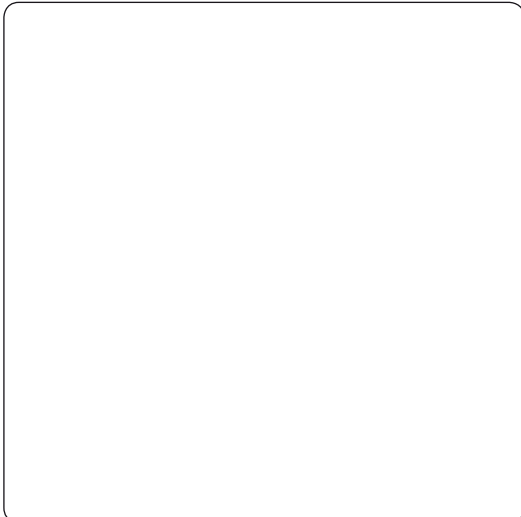
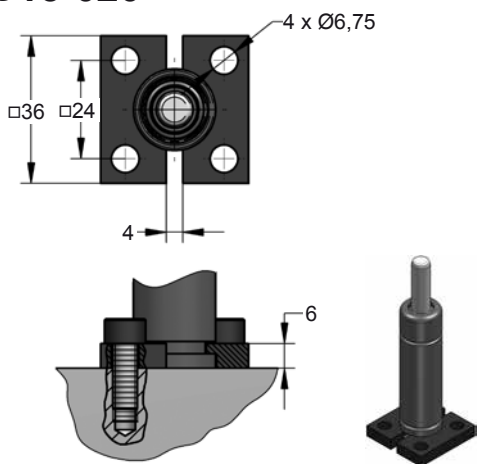


Mini

## A14-020



## C15-020

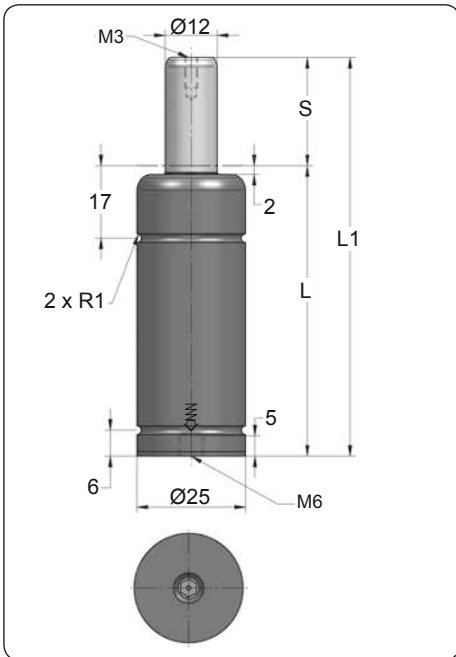


CODE	AFK 100 050 V1	<b>X</b>	A14-020	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE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

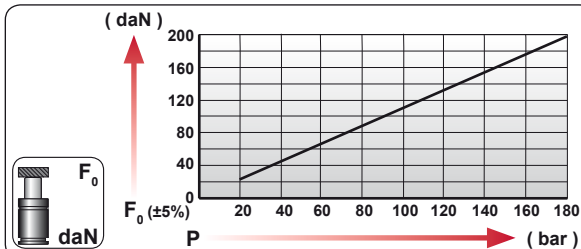
# AFD V1

Mini

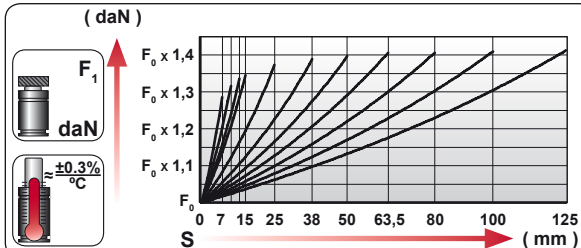


CODE	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AFD ... 007 V1	7	56	49	0.14
AFD ... 010 V1	10	62	52	0.14
AFD ... 012 V1	12.7	67.4	54.7	0.15
AFD ... 015 V1	15	72	57	0.16
AFD ... 025 V1	25	92	67	0.18
AFD ... 038 V1	38	118	80	0.21
AFD ... 050 V1	50	142	92	0.24
AFD ... 063 V1	63.5	172	108.5	0.28
AFD ... 080 V1	80	205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



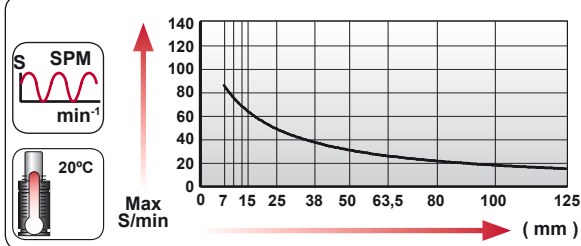
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
AFD 50 050 V1	Green	45	650	50	70
AFD 100 050 V1	Blue	90	1305	100	140
AFD 150 050 V1	Red	135	1960	150	210
AFD 200 050 V1	Yellow	180	2610	200	280
AFD XXX 050 V1	Black	20-180	290-2610	23 - 200	32 - 280



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

AFD 200 50

AFD 200 050 V1

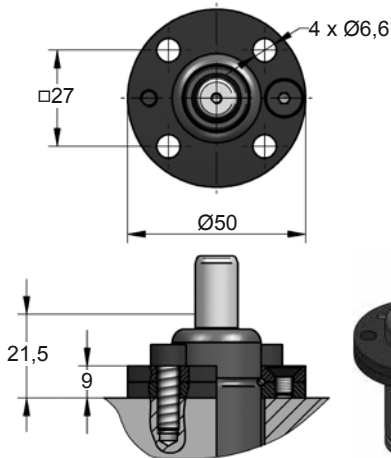


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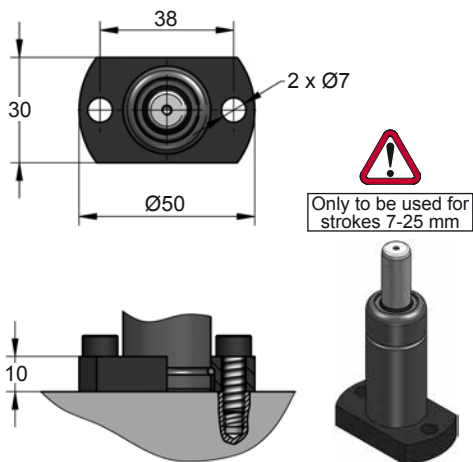
N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	180 2610	0 32	80 176		

Mini

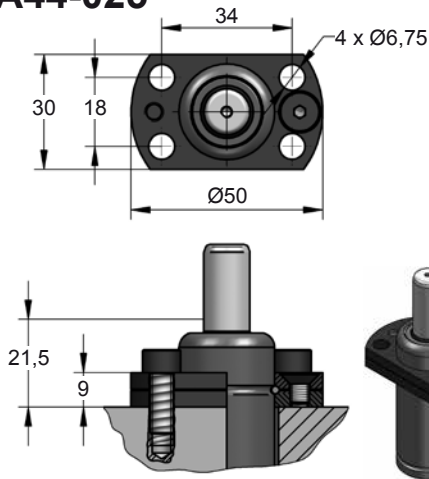
## A14-025



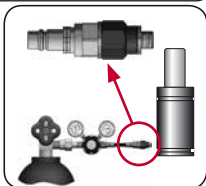
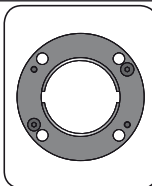
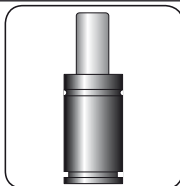
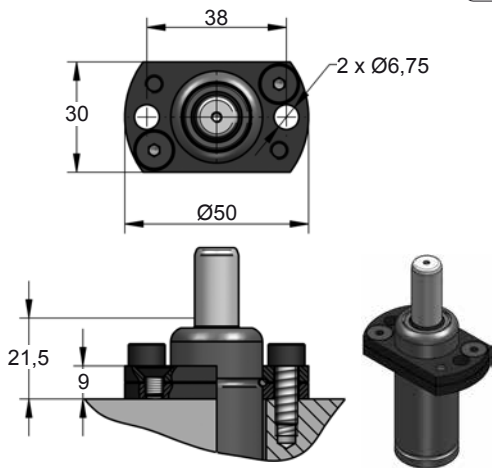
## A19-025



## A44-025



## A49-025

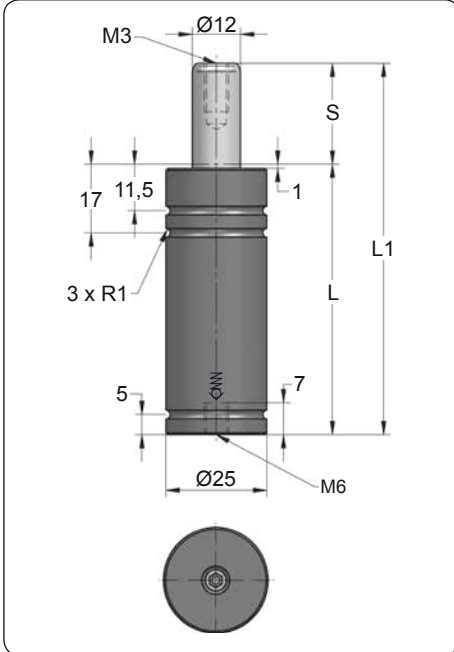


CODE	AFD 200 050 V1	<b>X</b>	A14-025	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE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

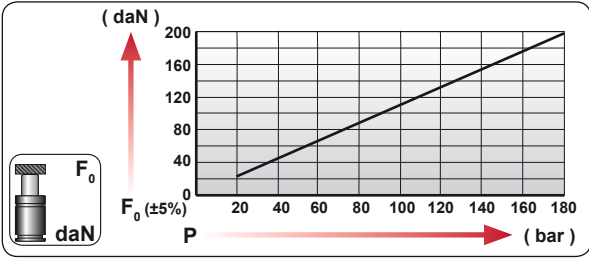
# AFC

Mini

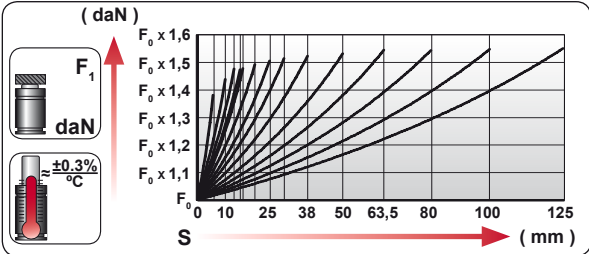
BMW	B2 4006	PSA	E24.54.815.G
MB	B8 3180 220 000 002		
VW	39D 878		



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



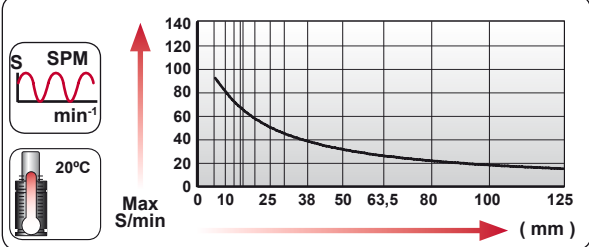
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
AFC 50 050	Green	45	650	50	75
AFC 100 050	Blue	90	1305	100	155
AFC 150 050	Red	135	1960	150	230
AFC 200 050	Yellow	180	2610	200	305
AFC XXX 050	Black	20-180	290-2610	23 - 200	35 - 305



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

AFC 200 50

**AFC 200 050**



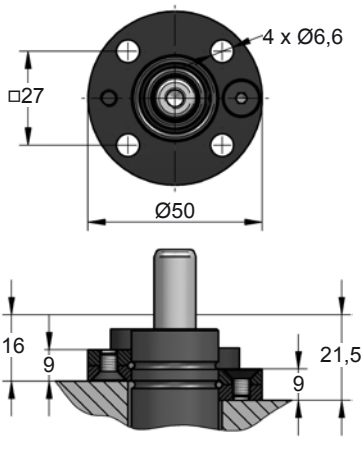
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	180	2610	0	32	80	176	

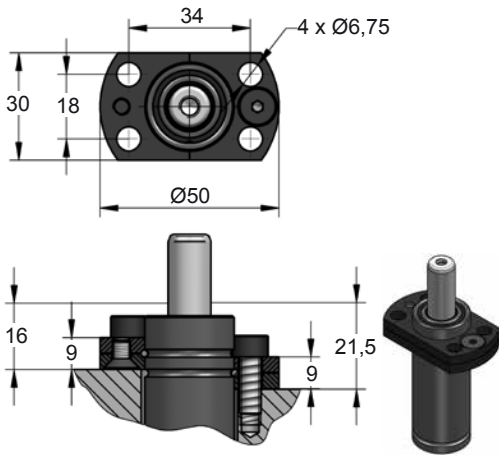




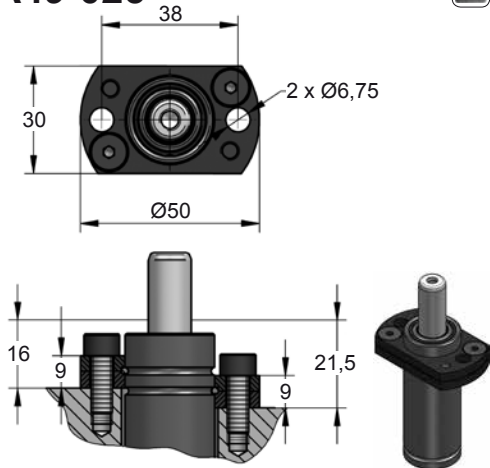
**A14-025**



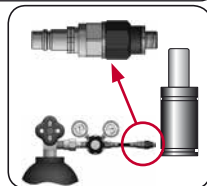
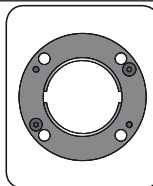
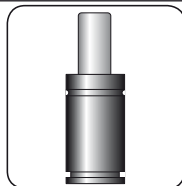
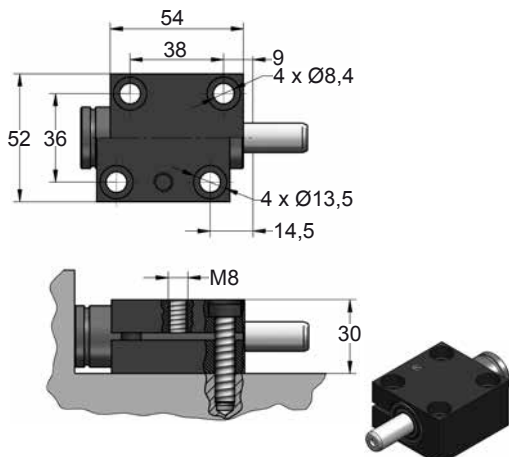
**A44-025**



**A49-025**



**D02-025**

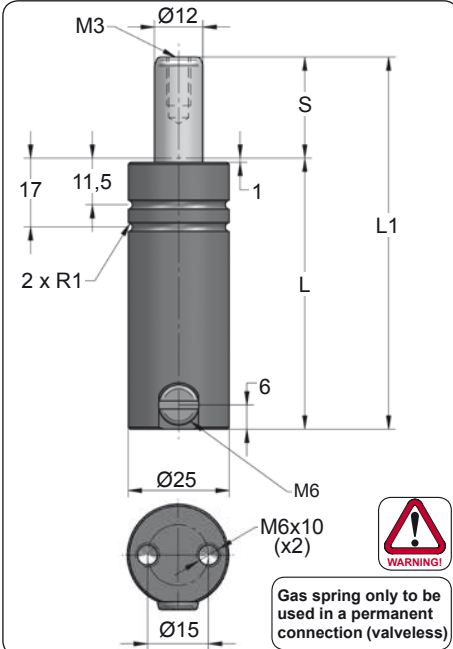


CODE	AFC 200 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-025	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

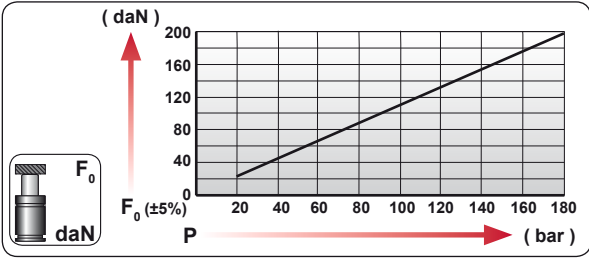
# AFC-H 200

Mini



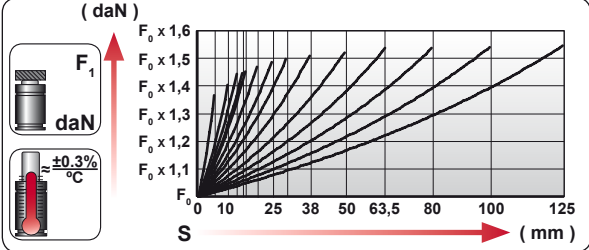



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AFC-H 200 007	7	56	49	0.15
AFC-H 200 010	10	62	52	0.16
AFC-H 200 012	12,7	67,4	54,7	0.16
AFC-H 200 015	15	72	57	0.17
AFC-H 200 016	16	74	58	0.17
AFC-H 200 020	20	82	62	0.18
AFC-H 200 025	25	92	67	0.19
AFC-H 200 030	30	102	72	0.20
AFC-H 200 038	38	118	80	0.22
AFC-H 200 050	50	142	92	0.25
AFC-H 200 063	63,5	172	108,5	0.28
AFC-H 200 080	80	205	125	0.32
AFC-H 200 100	100	245	145	0.36
AFC-H 200 125	125	295	170	0.42

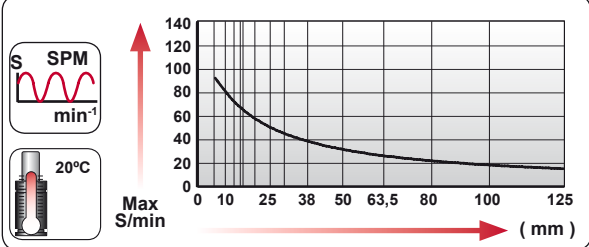


CODE	Pressure (bar)	Pressure (psi)	Force (daN) F <sub>0</sub>	Force (daN) F <sub>1</sub>
AFC-H 200 050	0	0	---	---

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 conexonado (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 <sub>0</sub> daN S mm
AFC-H 200 AFC-H 200 050	50



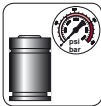
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N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi 20 290	bar psi 180 2610	°C °F 0 32	°C °F 80 176	600 CP-
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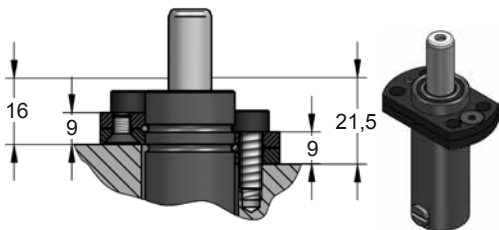
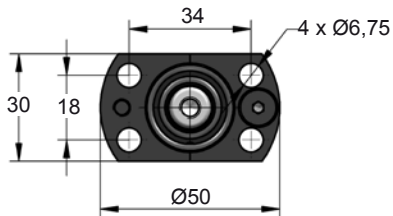
## ONLY PERMANENT HOSED GAS SPRINGS

CODE					
		bar	psi	daN	daN
-----		---	---	---	---
AFC-H 200 050		0	0	---	---

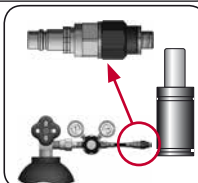
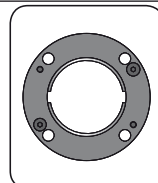
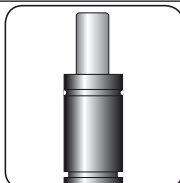
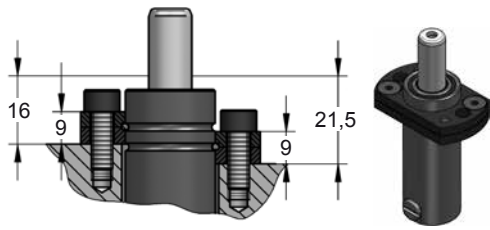
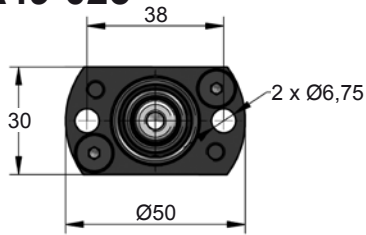


ENG	Hosed gas spring	Gas spring delivered unfilled and it can only be used in a permanent connection (valveless)
DEU	Gasdruckfeder zum verschlauchen	Gasdruckfeder wird drucklos angeliefert und kann nur im Verbund eingesetzt werden (ohne Ventil)
FRA	Ressort à gaz relié	Ressort à gaz fourni non chargé 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 conexionalbe	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)

### A44-025



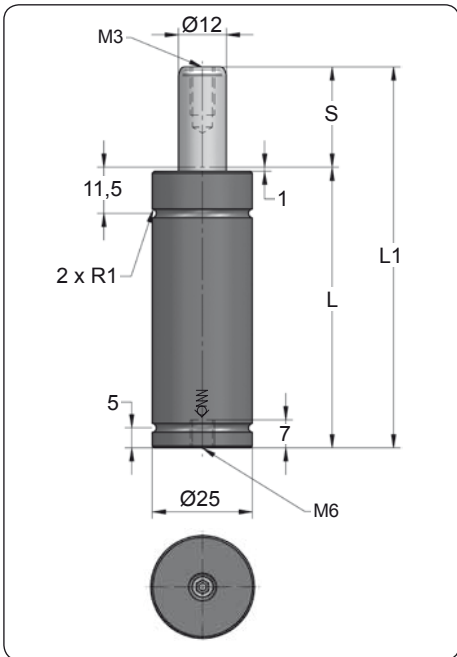
### A49-025



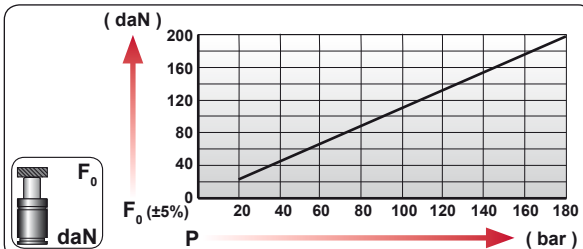
CODE	AFC-H 200 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-025	
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	FLANGE	ADAPTADOR DE CARGA

# AFNA

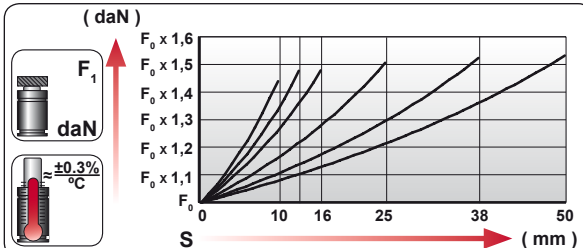
Mini



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



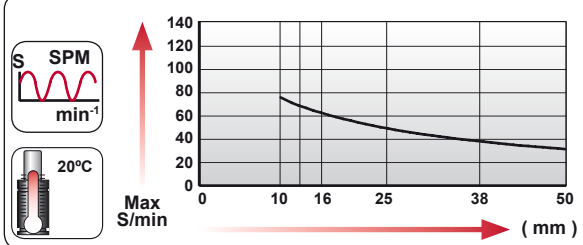
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
AFNA 50 050	Green	45	650	50	75
AFNA 100 050	Blue	90	1305	100	155
AFNA 150 050	Red	135	1960	150	230
AFNA 200 050	Yellow	180	2610	200	305
AFNA XXX 050	Black	20-180	290-2610	23 - 200	35 - 305



	ENG ORDER		$F_0$ daN		S mm
	DEU BESTELLUNG				
	FRA COMMANDE				
	ITA ORDINE				
	ESP PEDIDO				
POR PEDIDO					

**AFNA 200 50**

**AFNA 200 050**



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N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	180 2610	0 32	80 176		

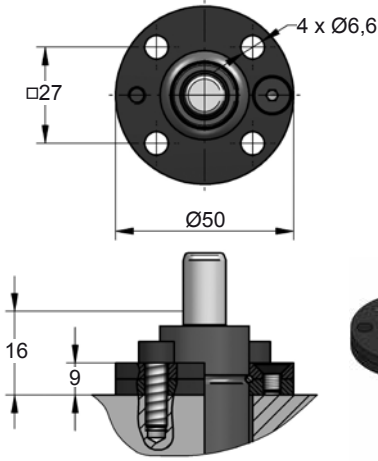


# AFNA MOUNTS

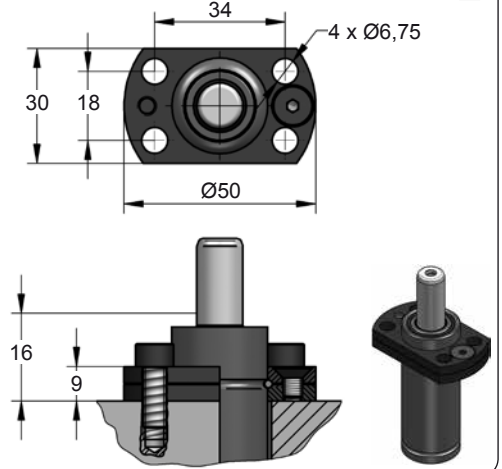
Mini



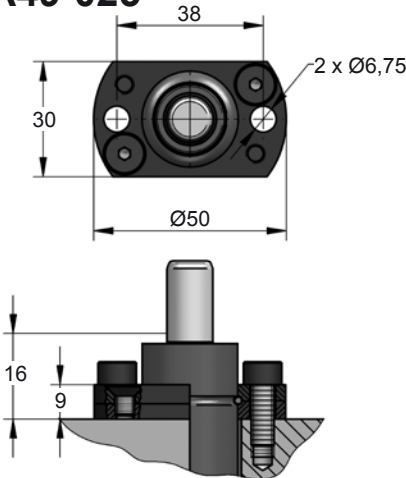
## A14-025



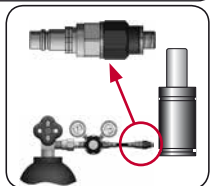
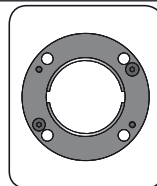
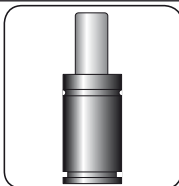
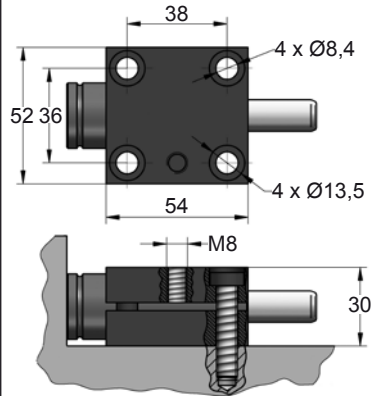
## A44-025



## A49-025



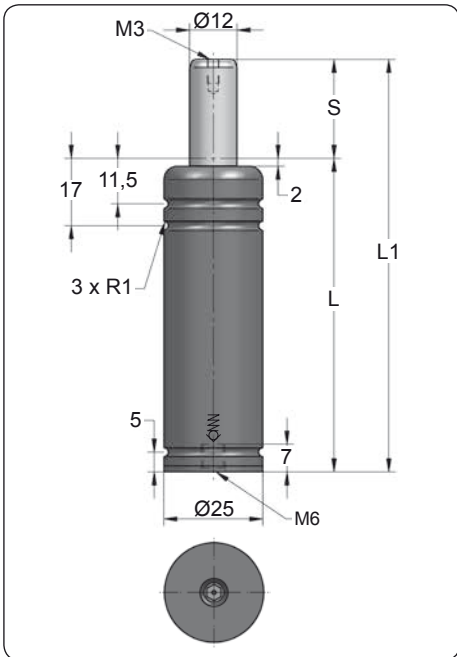
## D02-025



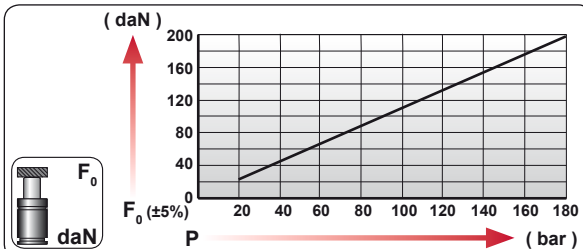
CODE	AFNA 200 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-025	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

# AF V1

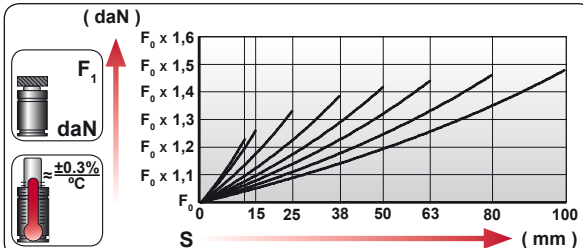
Mini



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

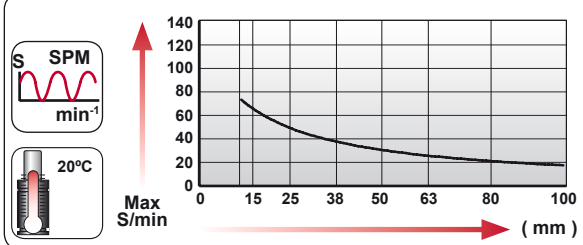


CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
AF 50 050 V1	Green	45	650	50	70
AF 100 050 V1	Blue	90	1305	100	135
AF 150 050 V1	Red	135	1960	150	205
AF 200 050 V1	Yellow	180	2610	200	270
AF XXX 050 V1	Black	20-180	290-2610	23 - 200	30 - 270



	ENG ORDER		daN		mm
	DEU BESTELLUNG				
	FRA COMMANDE				
	ITA ORDINE				
	ESP PEDIDO				
POR PEDIDO					

**AF 200 050 V1**



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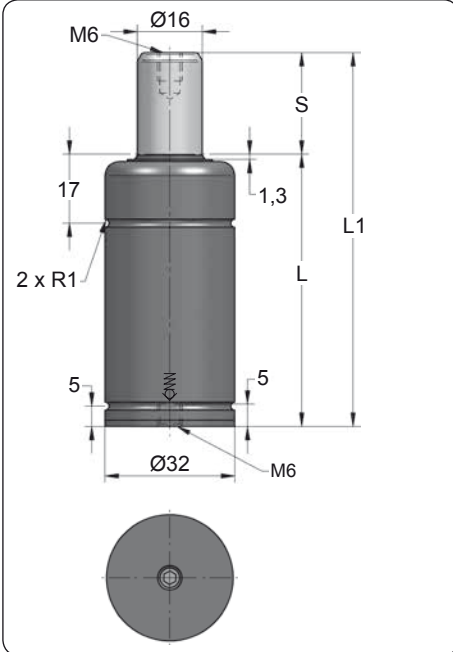
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	180 2610	0 32	80 176		



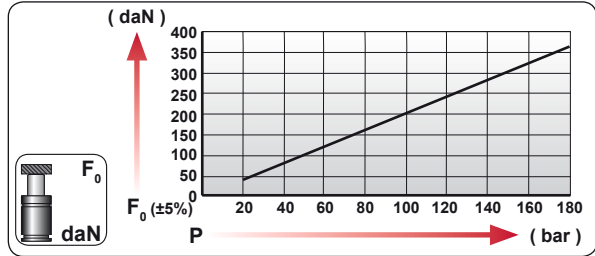
# AFT V1

Mini

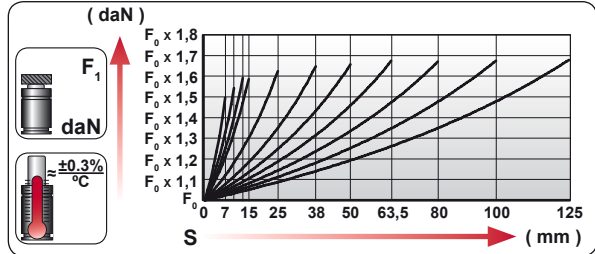
	FORD W-DX35-8040	



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



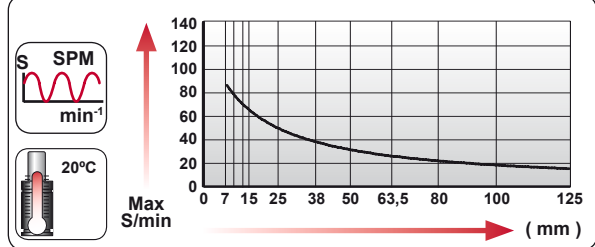
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
AFT 80 050 V1	Green	40	580	80	135
AFT 160 050 V1	Blue	80	1160	160	265
AFT 240 050 V1	Red	120	1740	240	400
AFT 310 050 V1	Yellow	155	2450	310	515
AFT XXX 050 V1	Black	20-180	290-2610	40 - 360	65 - 600



	ENG ORDER		F <sub>0</sub> daN		S mm
	DEU BESTELLUNG				
	FRA COMMANDE				
	ITA ORDINE				
	ESP PEDIDO				
POR PEDIDO					

**AFT 310 50**

**AFT 310 050 V1**

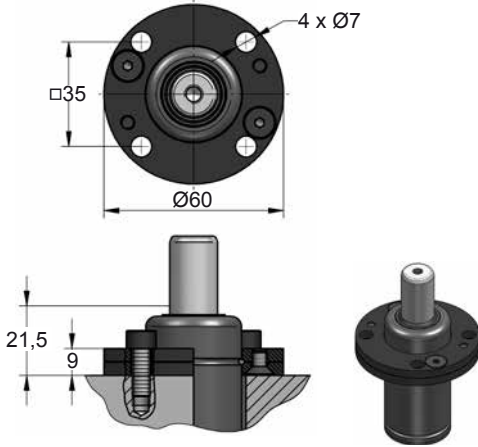


N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

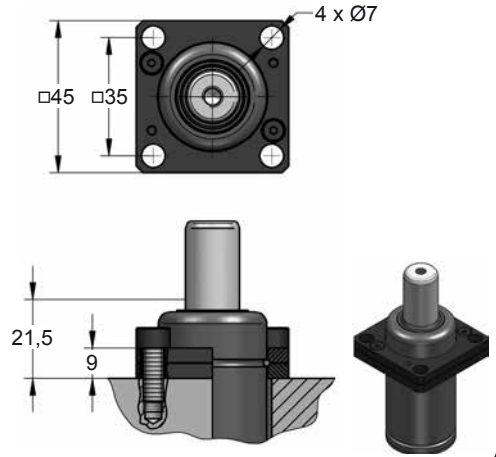
bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	180	2610	0	32	80	176	



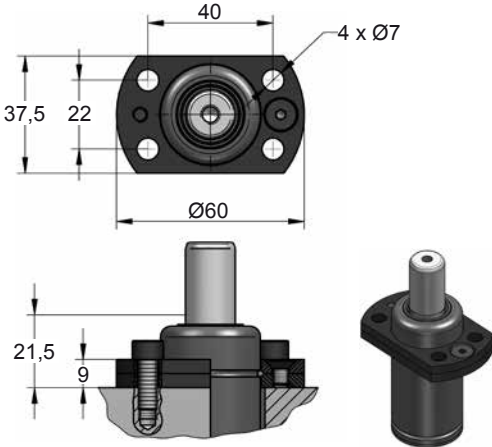
**A14-032**



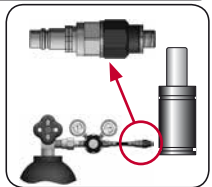
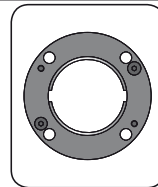
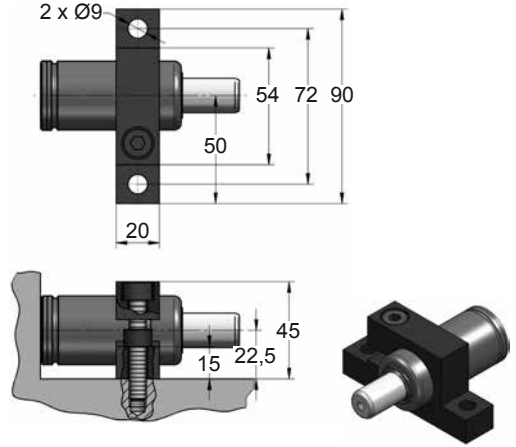
**A34-032**



**A44-032**



**D02-032**



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





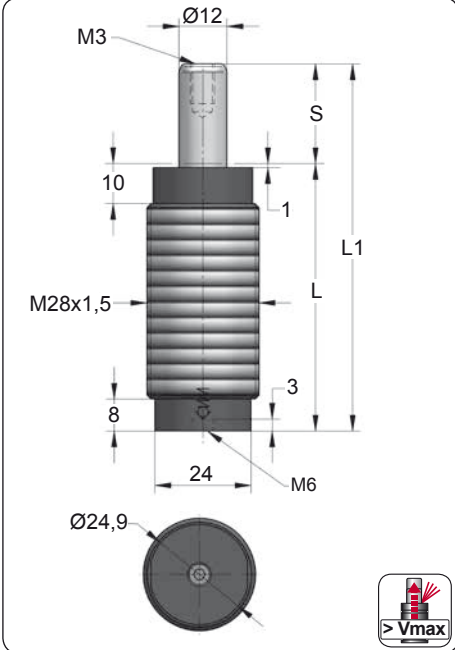
# AS THREADED

MODEL	F <sub>0</sub>	Ø	S	L1	Pmax	Charge Port		
AS 200	200	M28x1.5	10 - 125	62 - 292	180	M6	✗	✓
AS 300	300	M38x1.5	12.7 - 125	75.4 - 300	150	M6	✗	✓
AS 500 V1	500	M38x1.5	10 - 125	50 - 280	150	M6	✗	✓
AS 600 V1	600	M38x1.5	15 - 100	85 - 260	150	M8	✗	✓
AS 700 V1	700	M45x1.5	10 - 125	52 - 282	150	M6	✗	✓
AS 1000	1000	M50x1.5	10 - 125	58 - 288	160	M6	✗	✓
ASP 250	250	M36x1	15 - 100	84 - 254	150	M6	✗	✓
ASP 300	300	M38x1.5	12.7 - 100	75.4 - 250	150	M6	✗	✓
ASP 500 V1	500	M45x1	15 - 100	84 - 254	150	M6	✗	✓
AST 200 V1	200	Ø25	7 - 63	46 - 158	180	M6	✗	✓
AST 250	250	Ø38	12.7 - 100	75.4 - 250	150	M6	✗	✓
AST 300 V1	300	Ø32	7 - 80	53 - 199	150	M6	✗	✓
AST 1000	1000	Ø50	13 - 125	64 - 288	150	M6	✗	✓

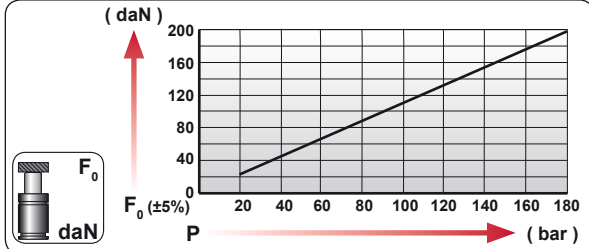
		25	25	25	25	25	25	25
		Ø38	Ø38	Ø38	Ø38	Ø38	Ø38	Ø38
		L1=80 L1=90	L1=82 L1=87	L1=100	L1=100	L1=100 L1=105	L1=100 L1=105	L1=135
		500	550 570	300	250	500 500	850 1000	1000
MODEL	✗	CW 500 KZ 500	CT 550 CK 570	AS 300	APFA 250	CD 500 CM 500	CPH 850 CP 1000	CS 1000
SERIES	MINI	COMPACT HEIGHT	LOW PROFILE	THREADED	ISO	HEAVY DUTY	HEAVY LOAD	POWER COMPACT STROKE

# AS 200

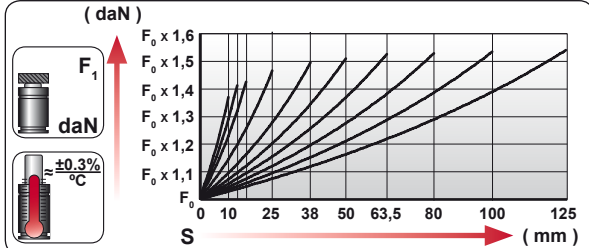
Threaded



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



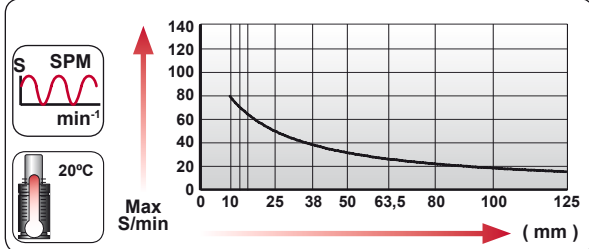
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
AS 50 050	Green	45	650	50	75
AS 100 050	Blue	90	1305	100	150
AS 150 050	Red	135	1960	150	225
AS 200 050	Yellow	180	2610	200	300



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

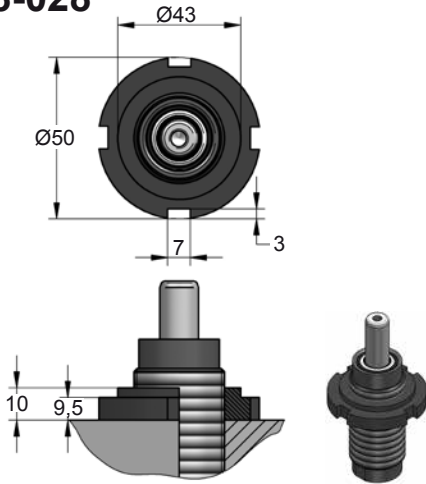
$F_0$  daN  
 $S$  mm

**AS 200 050**



N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	<b>X</b>
			20 290	180 2610	0 32	80 176	

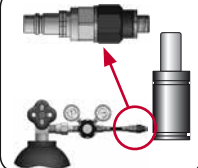
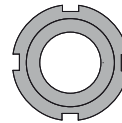
## E58-028



**SEAL**  
**KIT S-XXXXXXX**



**CARTRIDGE**  
**KIT C-XXXXXXX**



**CODE**

**AS 200 050**

**KIT S-XXXXXXX**  
**KIT C-XXXXXXX**

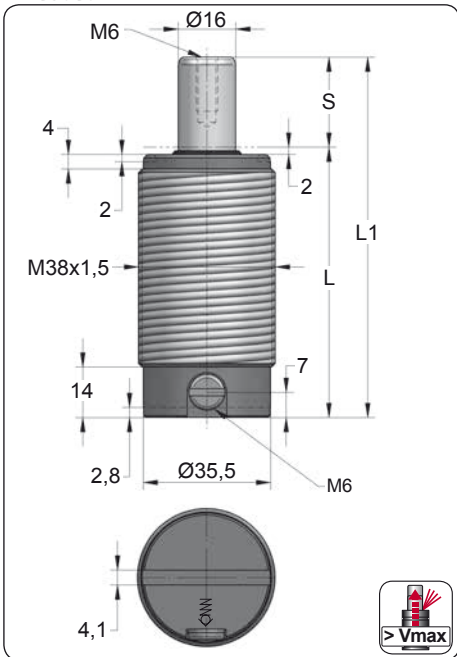
**E28-028**

**06 CG 2-Q**

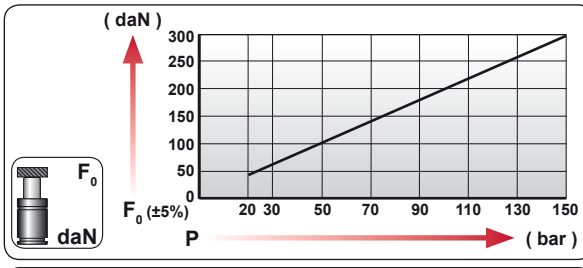
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION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

# AS 300

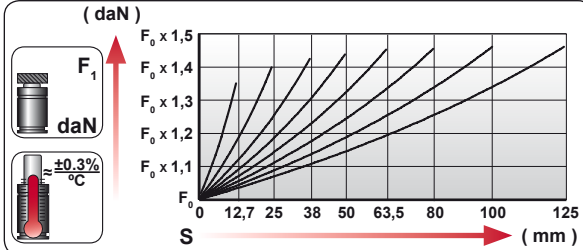
Threaded



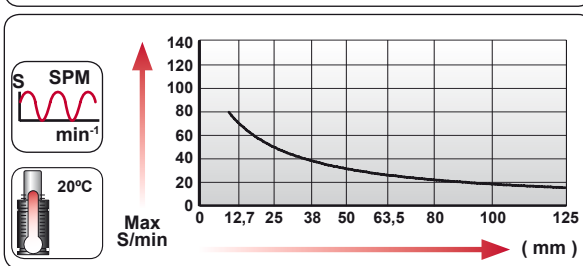
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AS 300 012	12.7	75.4	62.7	0.41
AS 300 025	25	100	75	0.47
AS 300 038	38	126	88	0.54
AS 300 050	50	150	100	0.60
AS 300 063	63.5	177	113.5	0.67
AS 300 080	80	210	130	0.75
AS 300 100	100	250	150	0.85
AS 300 125	125	300	175	0.98



CODE				
		bar psi	daN	daN
AS 300 050		150 2175	300	430
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO	daN mm
AS 300 50		AS 300 050



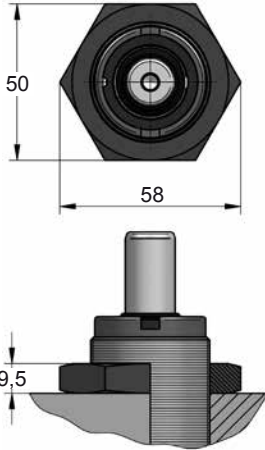
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	°C °F	
			20 290	150 2175	0 32	80 176			

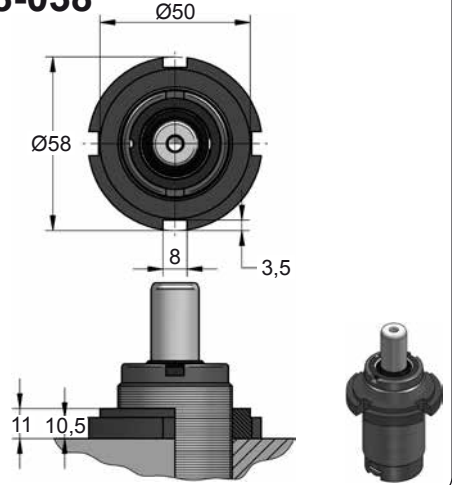
# AS 300 MOUNTS

Threaded

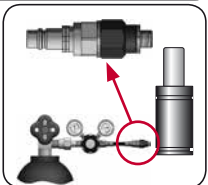
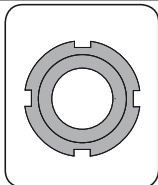
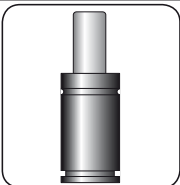
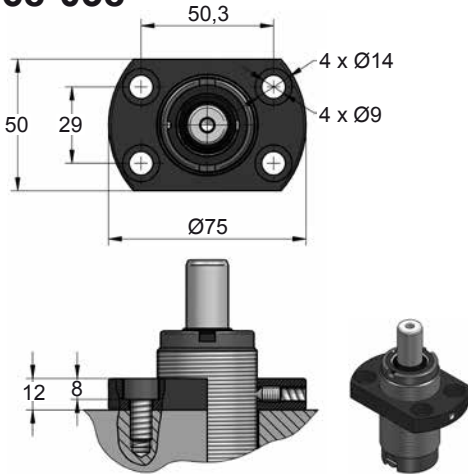
## E23-038



## E58-038



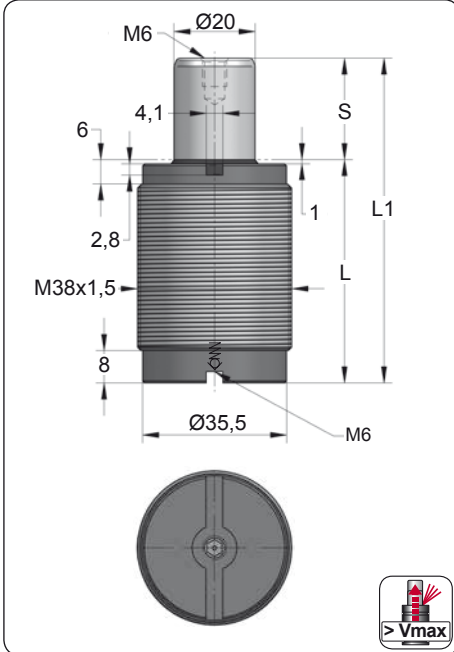
## E68-038



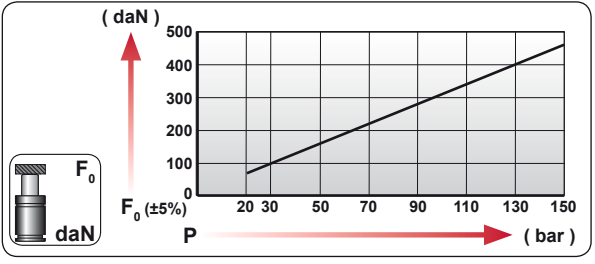
CODE	AS 300 050	KIT S-XXXXXXX KIT C-XXXXXXX	E58-038	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

# AS 500 V1

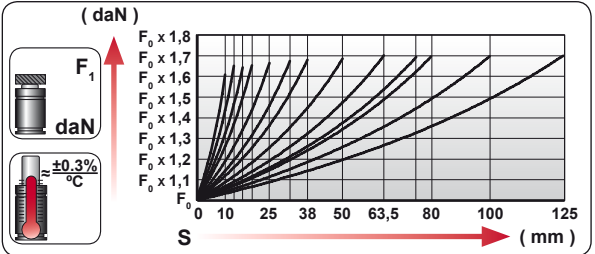
Threaded



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AS 500 010 V1	10	50	40	0.27
AS 500 012 V1	12.7	55.4	42.7	0.28
AS 500 016 V1	16	62	46	0.30
AS 500 019 V1	19	68	49	0.31
AS 500 025 V1	25	80	55	0.34
AS 500 032 V1	32	94	62	0.37
AS 500 038 V1	38	106	68	0.40
AS 500 050 V1	50	130	80	0.46
AS 500 063 V1	63.5	157	93.5	0.52
AS 500 075 V1	75	180	105	0.58
AS 500 080 V1	80	190	110	0.60
AS 500 100 V1	100	230	130	0.70
AS 500 125 V1	125	280	155	0.82



CODE		bar	psi	F <sub>0</sub> daN	F <sub>1</sub> daN
AS 500 050 V1		150	2175	470	790
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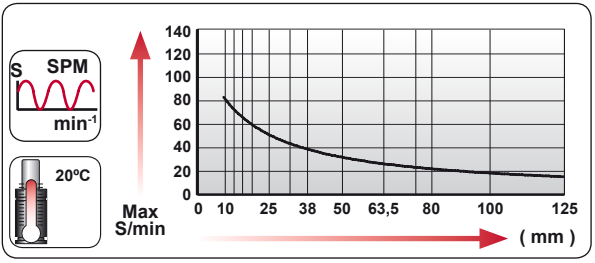


ENG ORDER  
 DEU BESTELLUNG  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO

F<sub>0</sub> daN    S mm

AS 500 50

**AS 500 050 V1**



	S <sub>max</sub> < 100%	v	Pmin (20°C)	Pmax (20°C)	Tmin	Tmax	
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N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	
			20 290	150 2175	0 32	80 176	

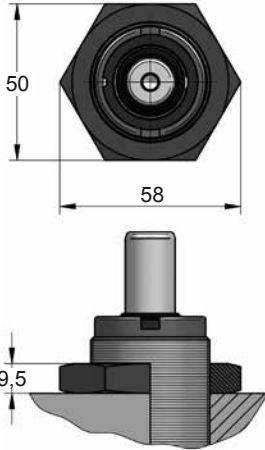




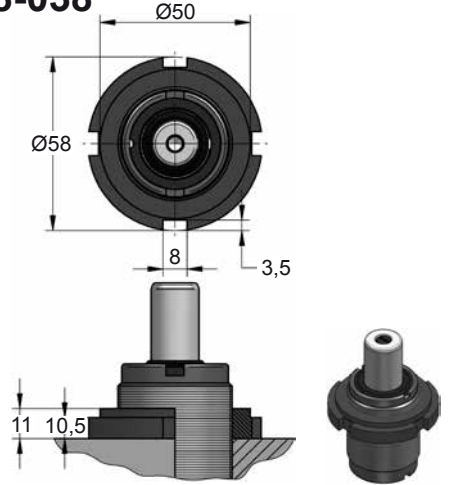
# AS 500 V1 MOUNTS

Threaded

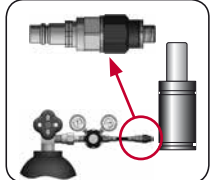
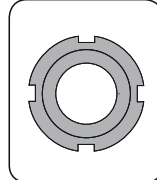
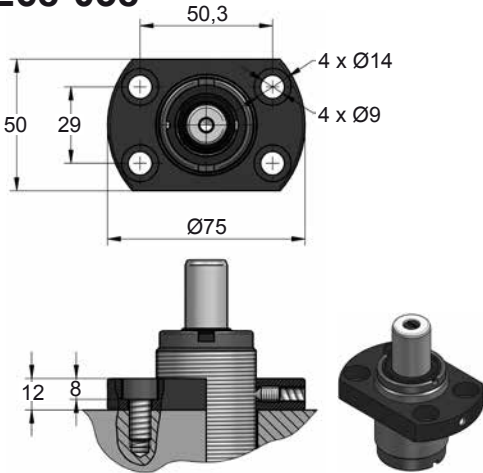
## E23-038



## E58-038



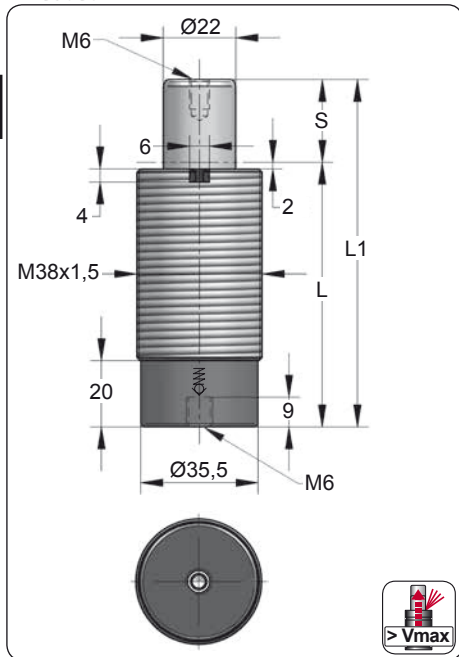
## E68-038



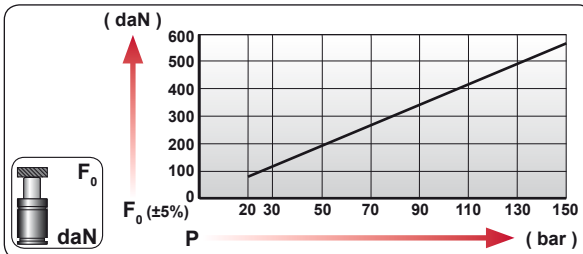
CODE	AS 500 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	E58-038	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# AS 600 V1

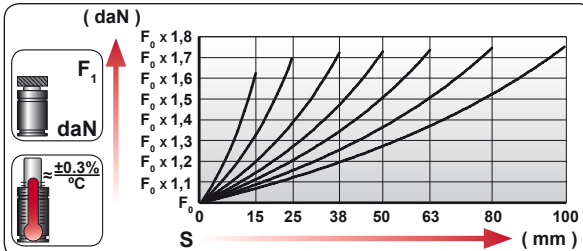
Threaded



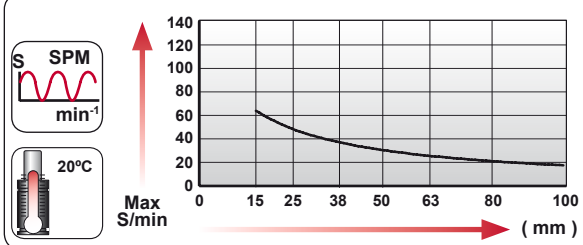
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AS 600 015 V1	15	85	70	0.48
AS 600 025 V1	25	105	80	0.53
AS 600 038 V1	38	131	93	0.60
AS 600 050 V1	50	155	105	0.66
AS 600 063 V1	63	186	123	0.73
AS 600 080 V1	80	220	140	0.82
AS 600 100 V1	100	260	160	0.93



CODE		bar	psi	F <sub>0</sub> daN	F <sub>1</sub> daN
AS 600 050 V1		150	2175	570	985
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		F <sub>0</sub> daN	S mm
		AS 600	50
		AS 600 050 V1	



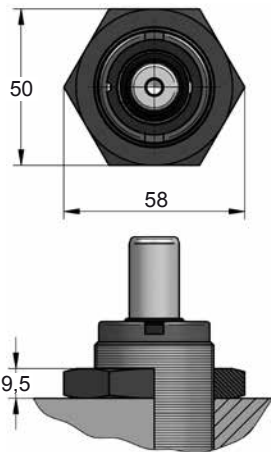
N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	Pmin (20°C)	Pmax (20°C)	Tmin	Tmax			

bar	psi	bar	psi	°C	°F	°C	°F	
20	290	150	2175	0	32	80	176	

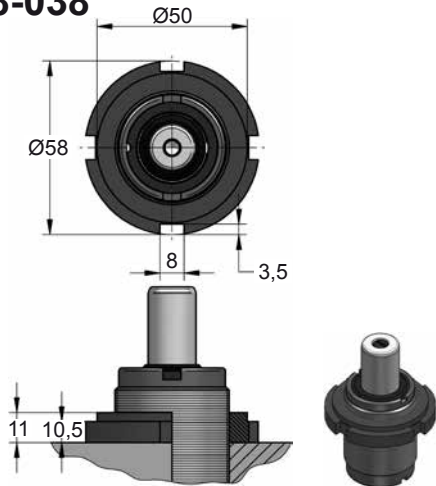
# AS 600 V1 MOUNTS

Threaded

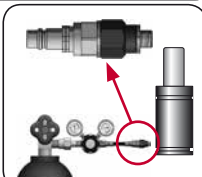
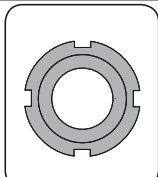
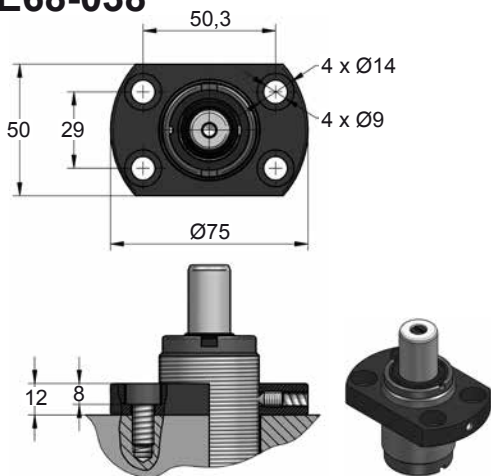
## E23-038



## E58-038



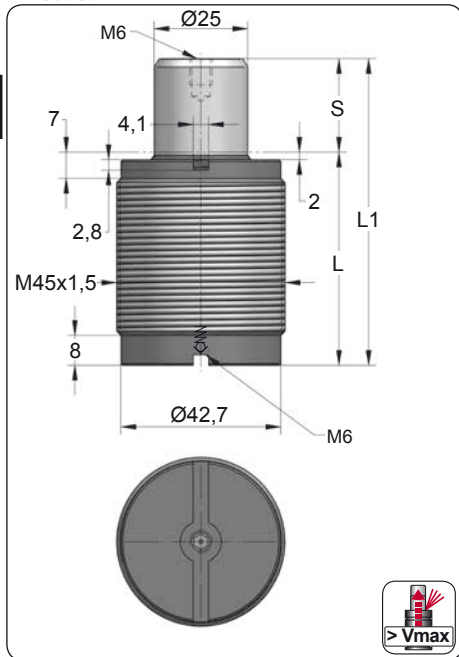
## E68-038



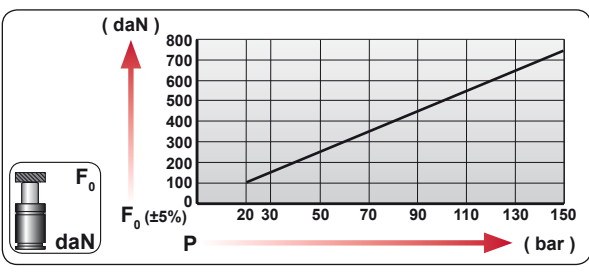
CODE	AS 600 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	E58-038	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# AS 700 V1

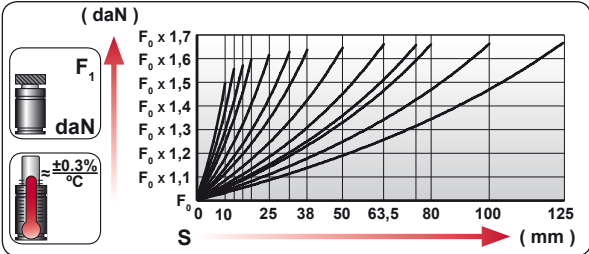
Threaded



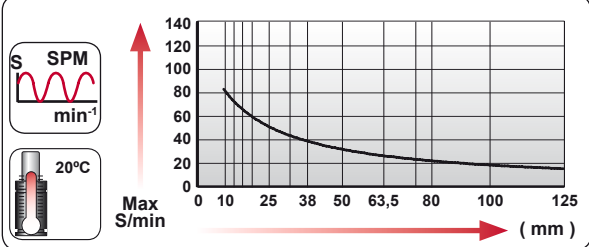
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AS 700 010 V1	10	52	42	0.37
AS 700 012 V1	12.7	57.4	44.7	0.39
AS 700 016 V1	16	64	48	0.41
AS 700 019 V1	19	70	51	0.43
AS 700 025 V1	25	82	57	0.47
AS 700 032 V1	32	96	64	0.51
AS 700 038 V1	38	108	70	0.55
AS 700 050 V1	50	132	82	0.62
AS 700 063 V1	63.5	159	95.5	0.71
AS 700 075 V1	75	182	107	0.78
AS 700 080 V1	80	192	112	0.81
AS 700 100 V1	100	232	132	0.93
AS 700 125 V1	125	282	157	1.09



CODE				
		bar psi	daN	daN
AS 700 050 V1		150 2175	740	1220
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		AS 700	50
		AS 700 050 V1	



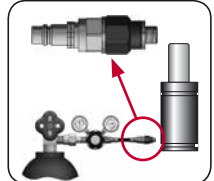
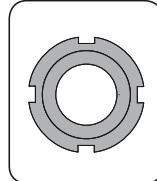
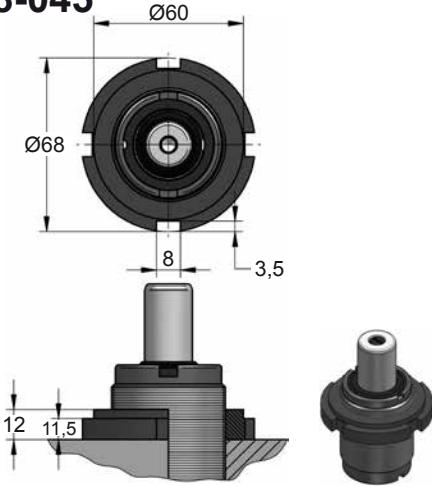
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	°C °F	
			20 290	150 2175	0 32	80 176			

# AS 700 V1 MOUNTS

Threaded

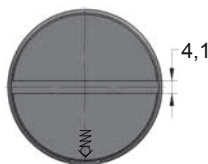
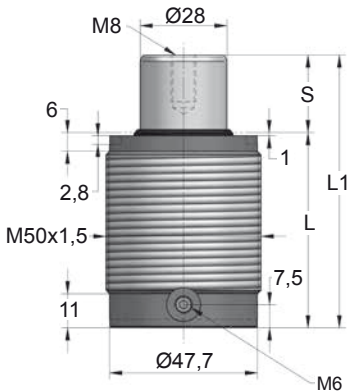
**E58-045**



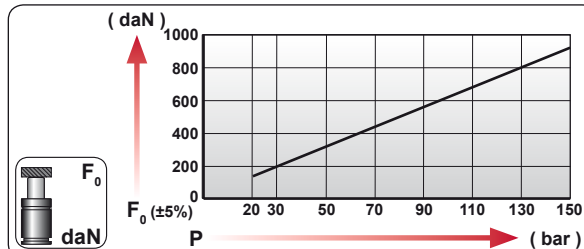
CODE	AS 700 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	E58-045	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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 1000

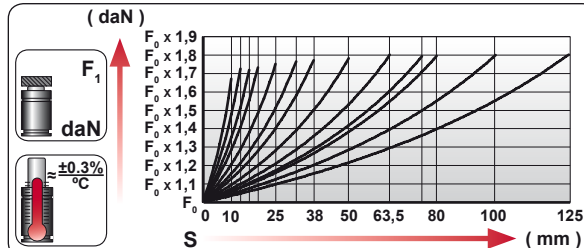
Threaded



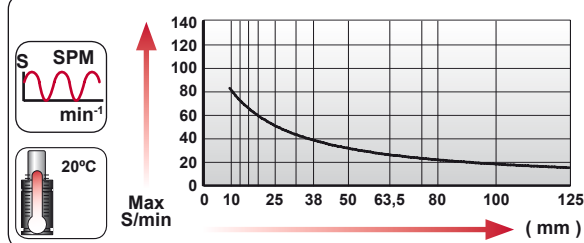
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AS 1000 010	10	58	48	0.56
AS 1000 012	12.7	63.4	50.7	0.58
AS 1000 016	16	70	54	0.61
AS 1000 019	19	76	57	0.64
AS 1000 025	25	88	63	0.69
AS 1000 032	32	102	70	0.75
AS 1000 038	38	114	76	0.80
AS 1000 050	50	138	88	0.90
AS 1000 063	63.5	165	101.5	1.01
AS 1000 075	75	188	113	1.11
AS 1000 080	80	198	118	1.15
AS 1000 100	100	238	138	1.32
AS 1000 125	125	288	163	1.53



CODE				
		bar psi	daN	daN
AS 1000 050		160 2320	985	1755
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO	daN mm
AS 1000 50		AS 1000 050



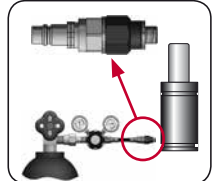
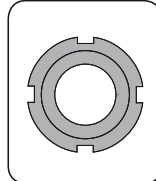
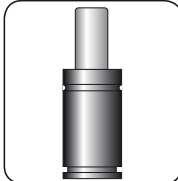
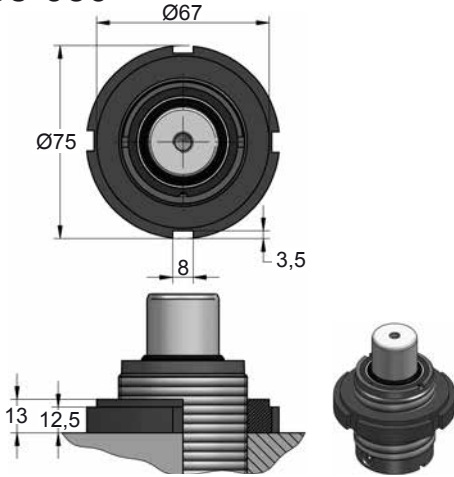
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar psi	bar psi	°C °F	°C °F	
20 290	160 2320	0 32	80 176	

# AS 1000 MOUNTS

Threaded

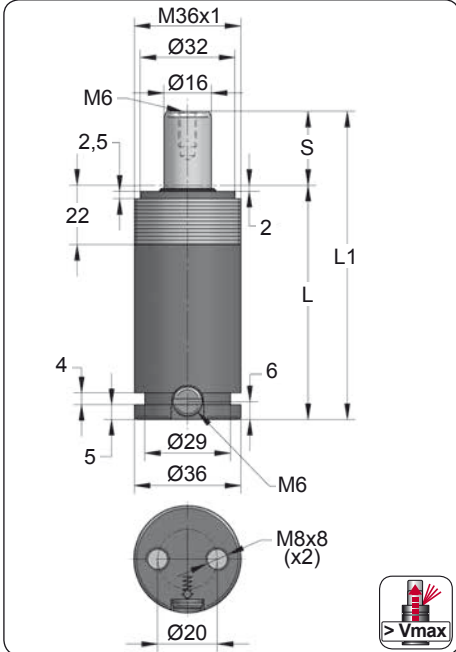
## E58-050



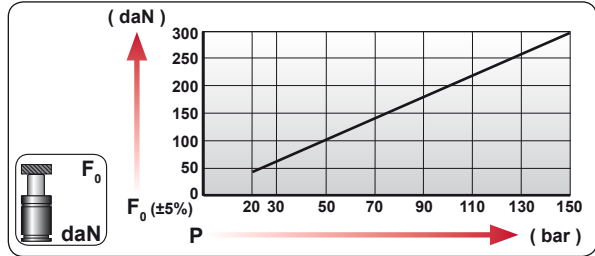
CODE	AS 1000 050	KIT S-XXXXXXX KIT C-XXXXXXX	E58-050	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

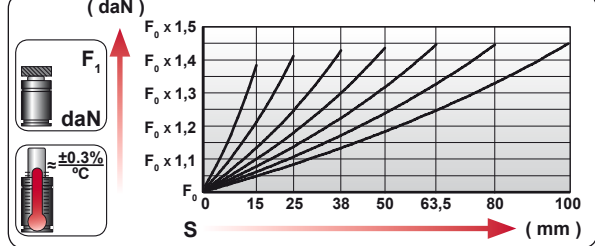
Threaded



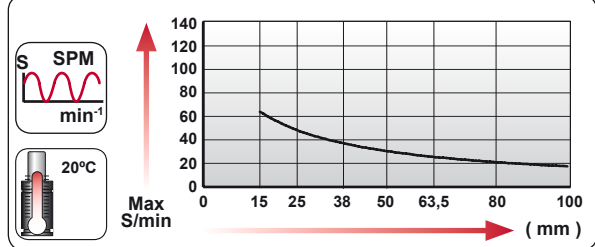
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
ASP 250 015	15	84	69	0.40
ASP 250 025	25	104	79	0.45
ASP 250 038	38	130	92	0.50
ASP 250 050	50	154	104	0.55
ASP 250 063	63.5	181	117.5	0.60
ASP 250 080	80	214	134	0.67
ASP 250 100	100	254	154	0.75



CODE					
		bar	psi		
ASP 250 050		125	1810	250	360
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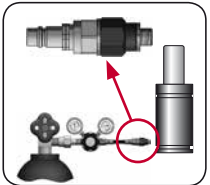
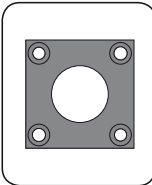
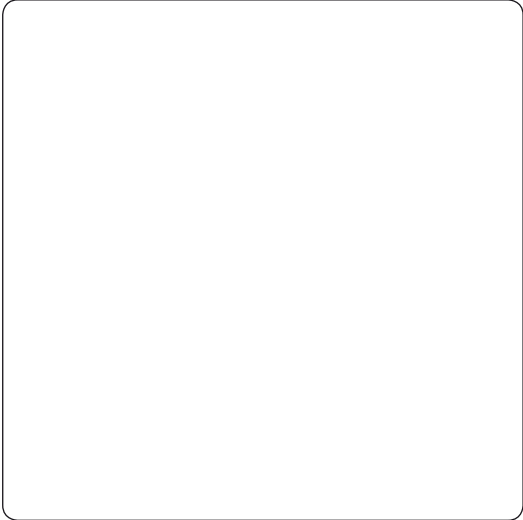
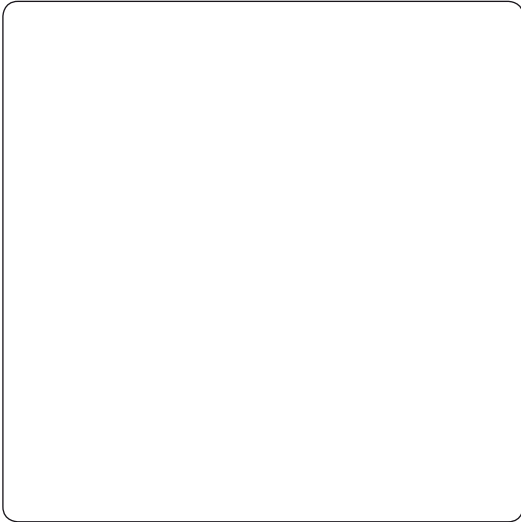
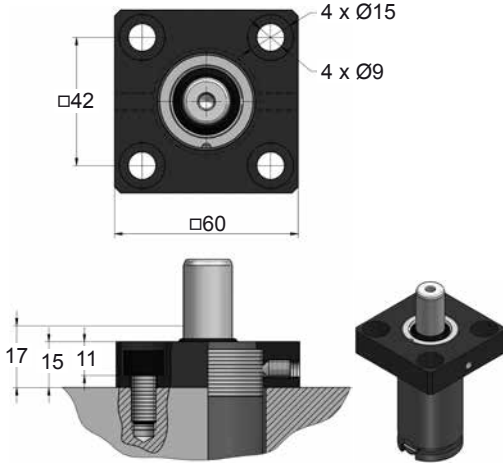
ENG	ORDER		
DEU	BESTELLUNG	daN	mm
FRA	COMMANDE		
ITA	ORDINE		
ESP	PEDIDO		
POR	PEDIDO		
	ASP 250	50	
	ASP 250 050		



N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	X
			20 290	150 2175	0 32	80 176	



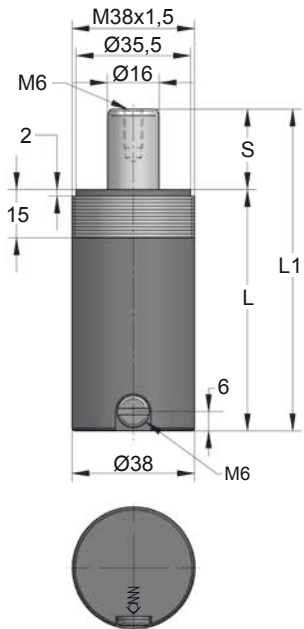
**E03-036**



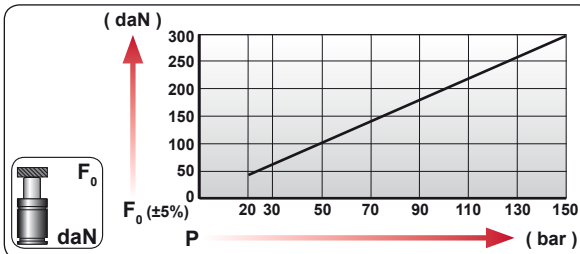
CODE	ASP 250 050	KIT S-XXXXXXX KIT C-XXXXXXX	E03-036	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

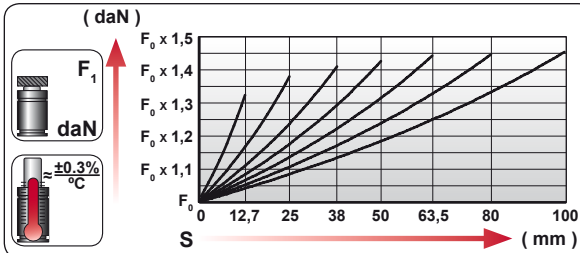
Threaded



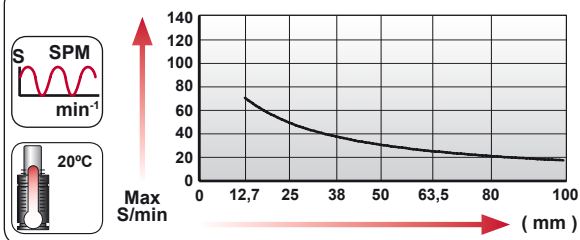
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
ASP 300 012	12.7	75.4	62.7	0.46
ASP 300 025	25	100	75	0.52
ASP 300 038	38	126	88	0.59
ASP 300 050	50	150	100	0.65
ASP 300 063	63.5	177	113.5	0.71
ASP 300 080	80	210	130	0.80
ASP 300 100	100	250	150	0.90



CODE					
		bar	psi		
ASP 300 050		150	2175	300	430
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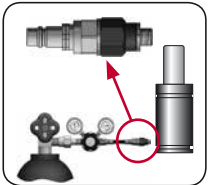
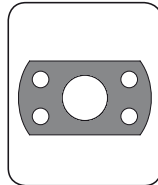
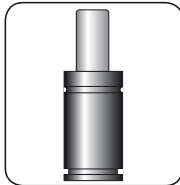
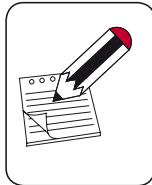
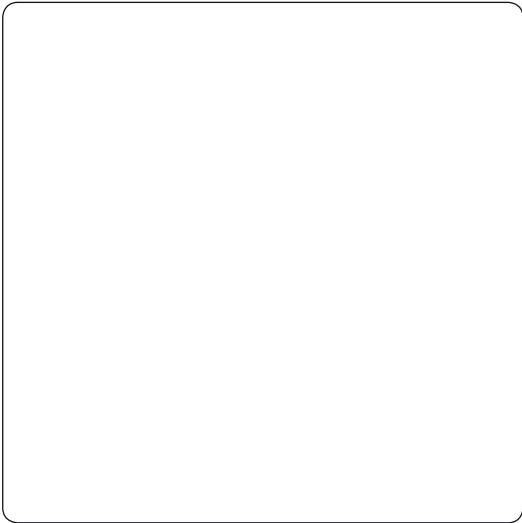
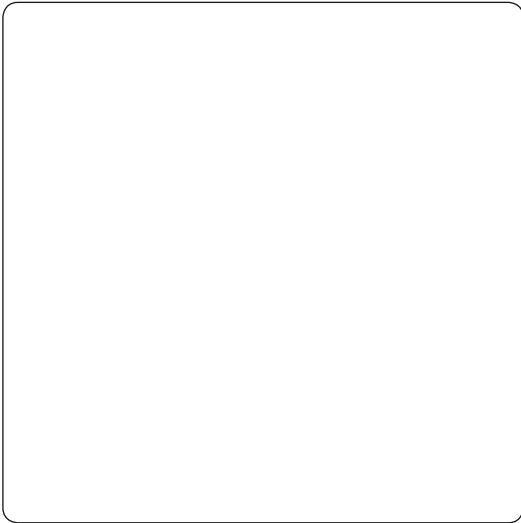
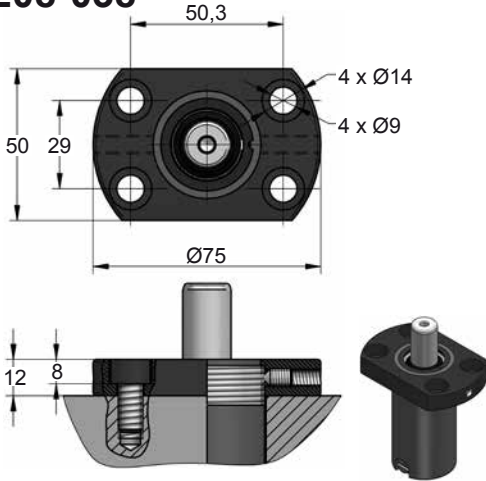
	ENG	ORDER		
	DEU	BESTELLUNG		
	FRA	COMMANDE		
	ITA	ORDINE		
	ESP	PEDIDO		
POR	PEDIDO			
	ASP	300		50
	ASP	300 050		



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	150	2175	0	32	80	176	

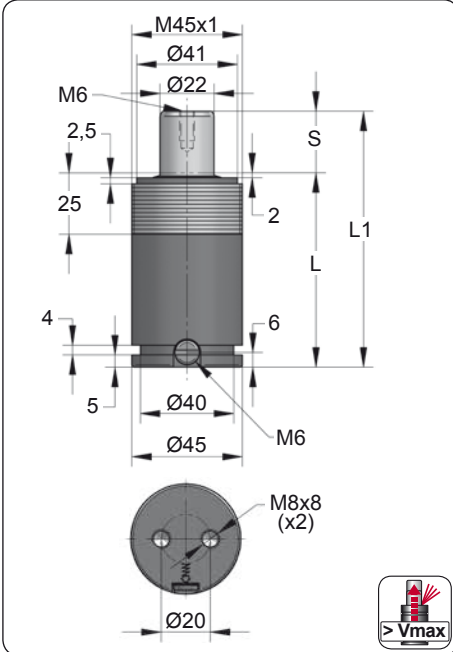
**E08-038**



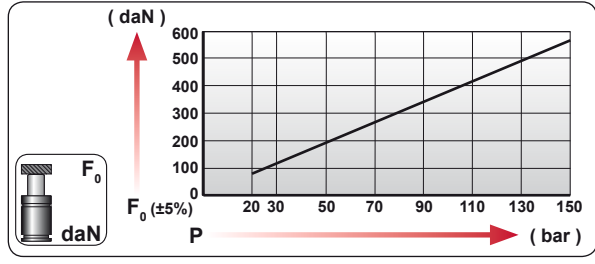
CODE	ASP 300 050	KIT S-XXXXXXX KIT C-XXXXXXX	E08-038	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

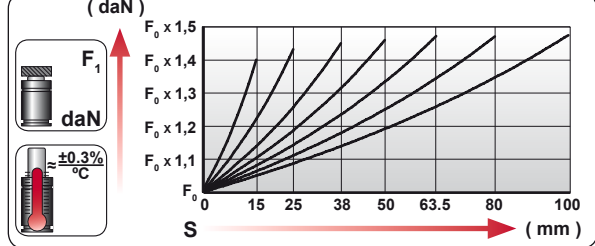
Threaded



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



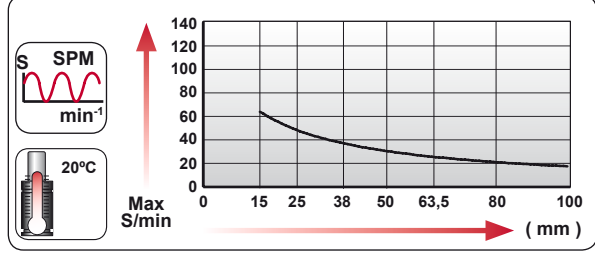
CODE				
		bar psi	daN	daN
ASP 500 050 V1		130 1885	495	725
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ENG ORDER  
 DEU BESTELLUNG  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO

**F<sub>0</sub>** daN  
**S** mm

**ASP 500 50**  
**ASP 500 050 V1**



**N<sub>2</sub>**

**S<sub>max</sub> < 90%**

**V<sub>max</sub> 1,6 m/s**

**P<sub>min</sub> (20°C)**

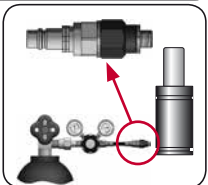
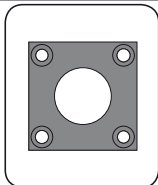
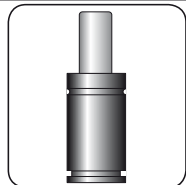
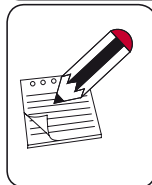
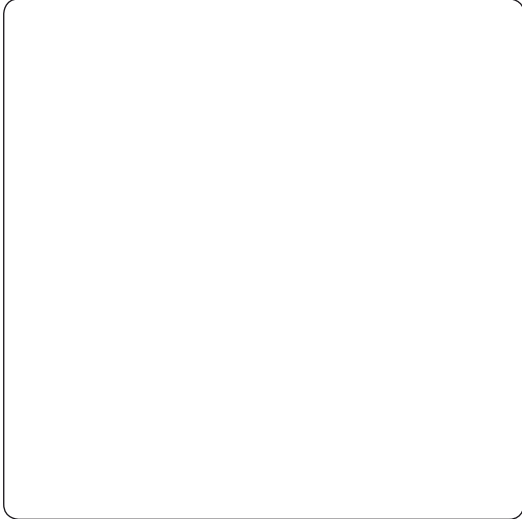
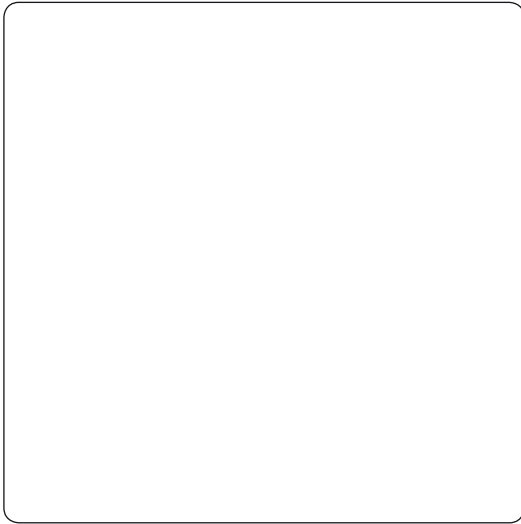
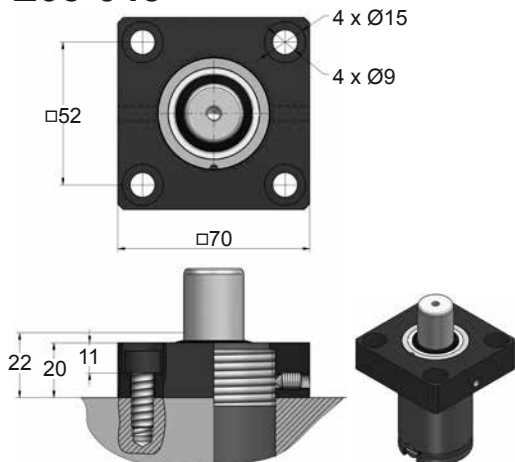
**P<sub>max</sub> (20°C)**

**T<sub>min</sub> T<sub>max</sub>**

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	<b>X</b>
			20 290	150 2175	0 32	80 176	

Threaded

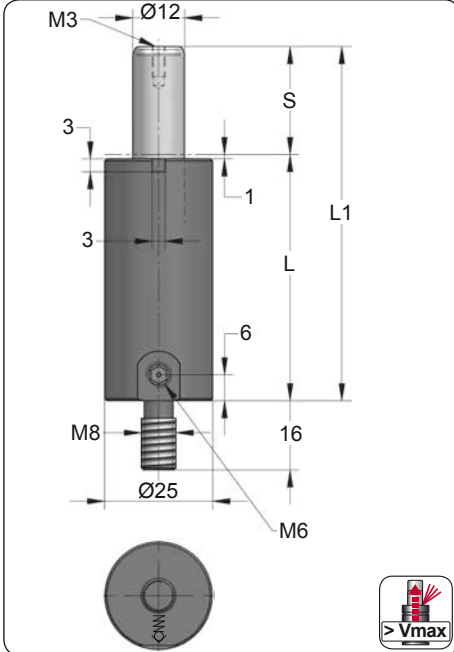
## E03-045



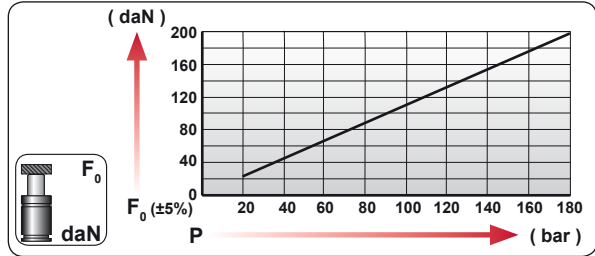
CODE	ASP 500 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	E03-045	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

# AST 200 V1

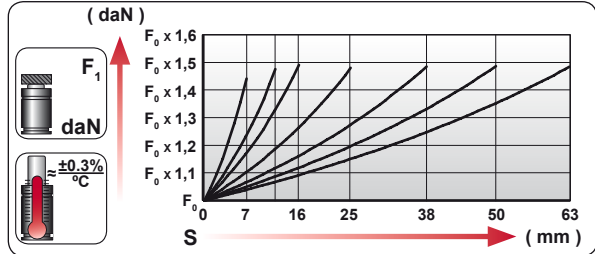
Threaded

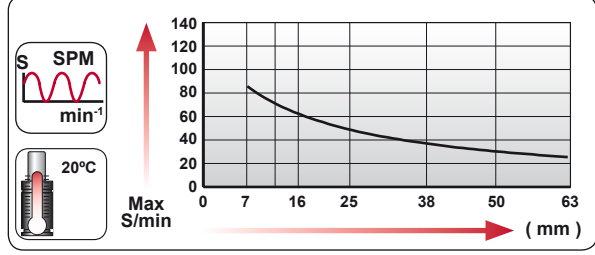
CODE	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AST 200 007 V1	7	46	39	0.12
AST 200 012 V1	12	56	44	0.13
AST 200 016 V1	16	64	48	0.14
AST 200 025 V1	25	82	57	0.16
AST 200 038 V1	38	108	70	0.18
AST 200 050 V1	50	132	82	0.21
AST 200 063 V1	63	158	95	0.23



CODE				
		bar psi	daN	daN
AST 200 050 V1		170 2465	190	280
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		AST 200	50
		AST 200 050 V1	

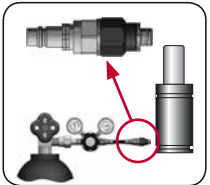
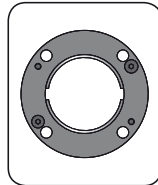
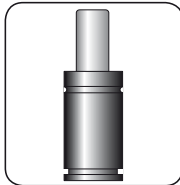
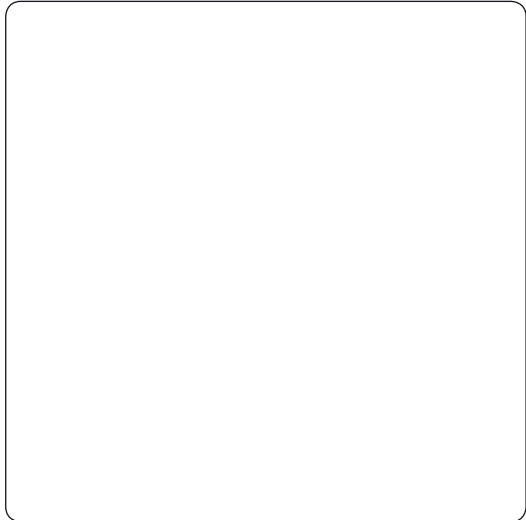
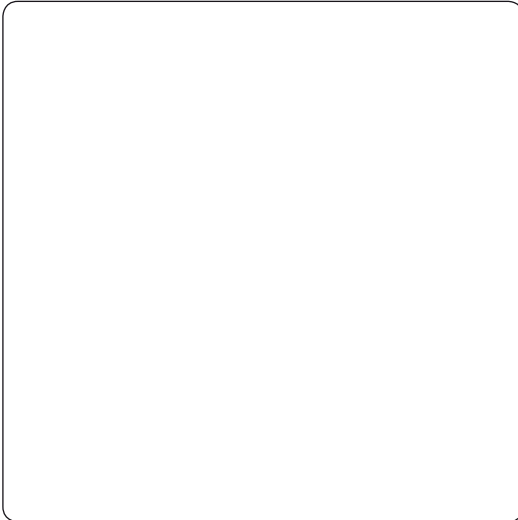
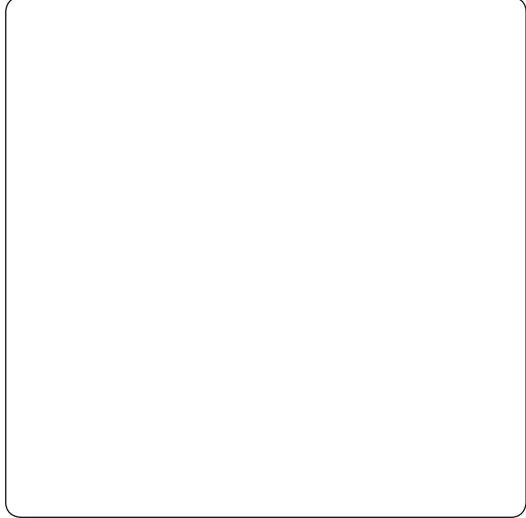
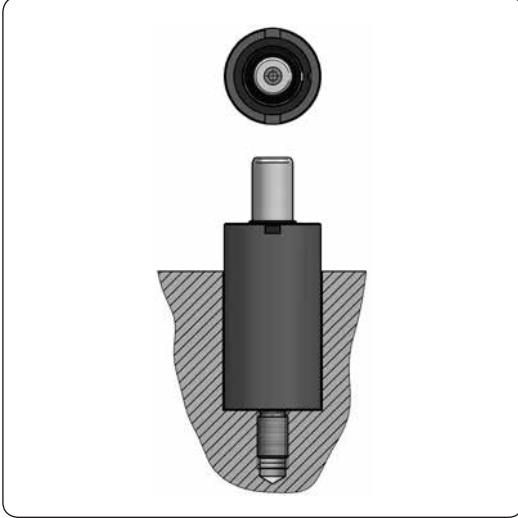


N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	180 2610	0 32	80 176		

# AST 200 V1 MOUNTS

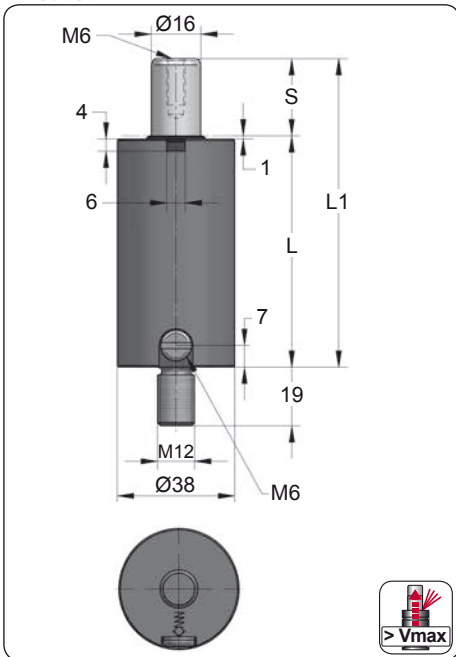
Threaded



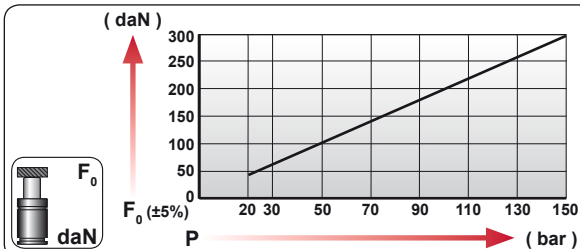
CODE	AST 200 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	<b>X</b>	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT		CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ		LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION		RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE		ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION		ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO		ADAPTADOR DE CARGA

# AST 250

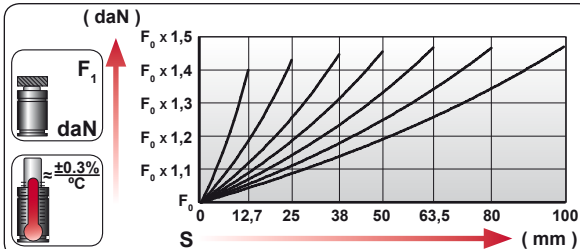
Threaded

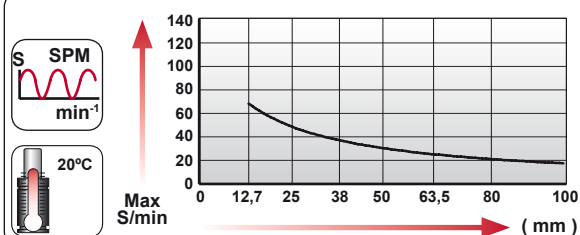
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AST 250 012	12.7	75.4	62.7	0.47
AST 250 025	25	100	75	0.53
AST 250 038	38	126	88	0.59
AST 250 050	50	150	100	0.65
AST 250 063	63.5	177	113.5	0.72
AST 250 080	80	210	130	0.80
AST 250 100	100	250	150	0.91



CODE					
		bar	psi		
AST 250 050		125	1810	250	365
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		AST 250	50
		AST 250 050	



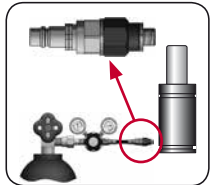
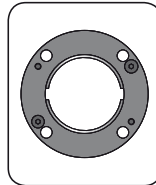
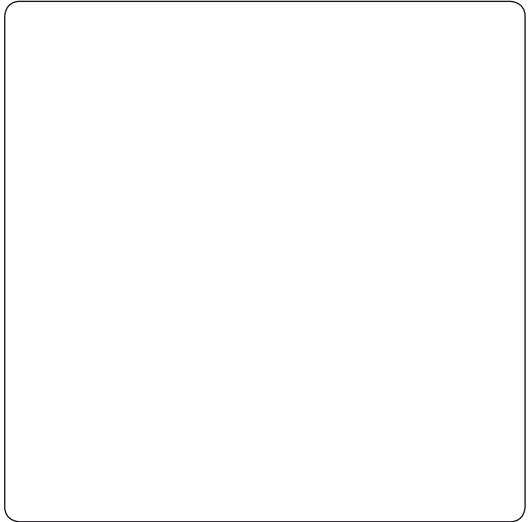
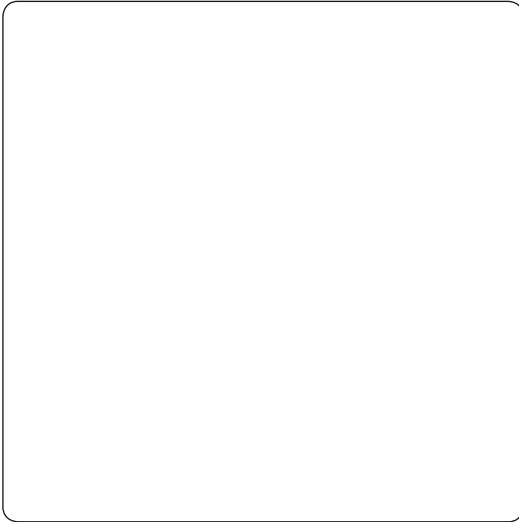
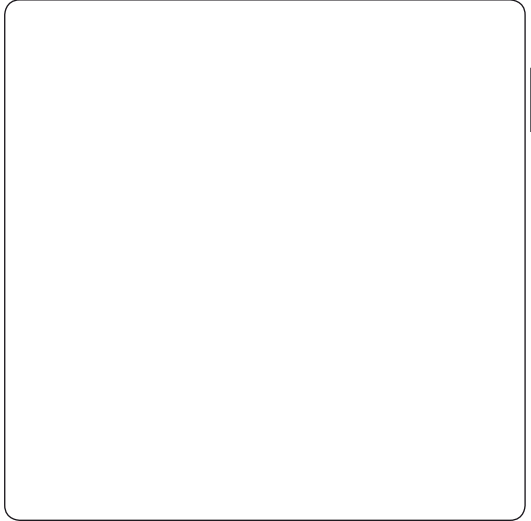
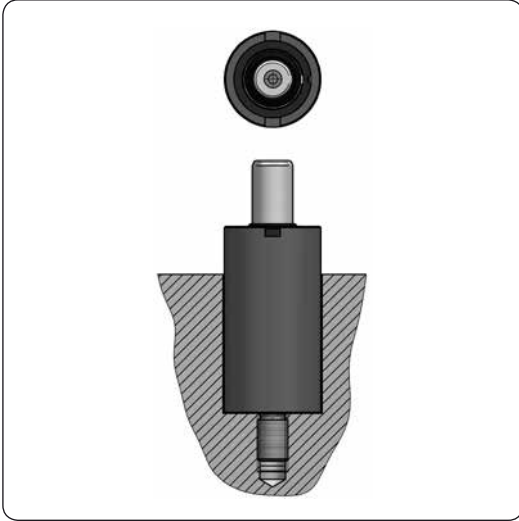
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	°C °F	
			20 290	150 2175	0 32	80 176			



# AST 250 MOUNTS

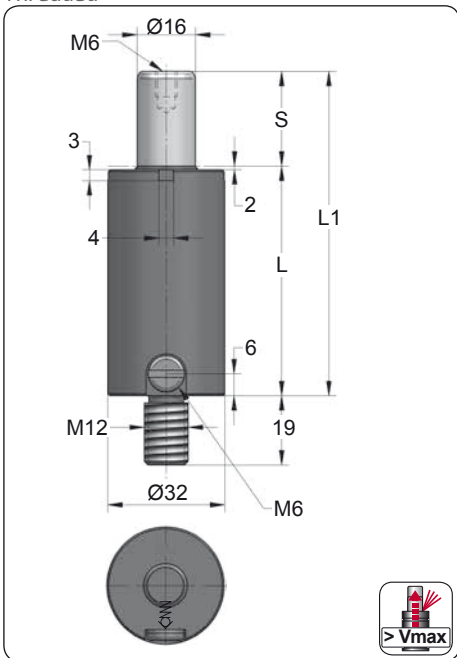
Threaded



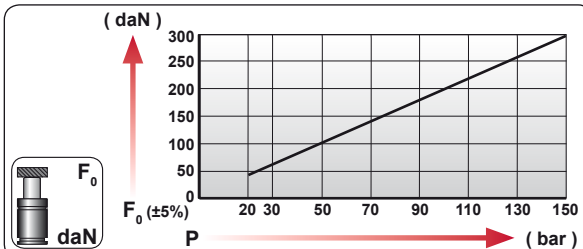
CODE	AST 250 050	KIT S-XXXXXXX KIT C-XXXXXXX	<b>X</b>	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT		CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ		LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION		RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE		ADATTATORE DI CARICO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

# AST 300 V1

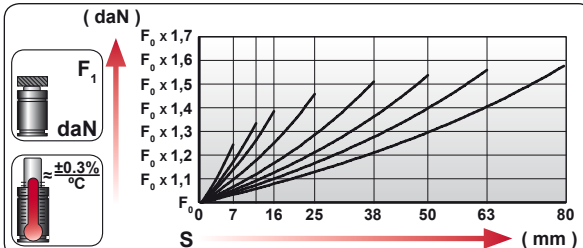
Threaded



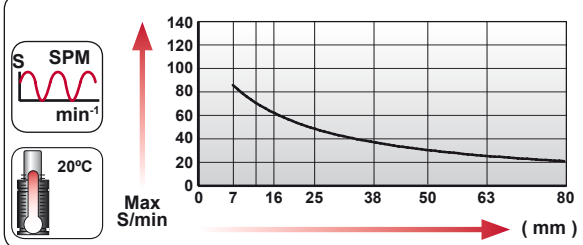
CODE	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AST 300 007 V1	7	53	46	0.24
AST 300 012 V1	12	63	51	0.26
AST 300 016 V1	16	71	55	0.27
AST 300 025 V1	25	89	64	0.31
AST 300 038 V1	38	115	77	0.35
AST 300 050 V1	50	139	89	0.39
AST 300 063 V1	63	165	102	0.44
AST 300 080 V1	80	199	119	0.49



CODE		Pressure			
		bar	psi		
AST 300 050 V1		150	2175	300	460
-----		---	---	---	---



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		AST 300	50
		AST 300 050 V1	

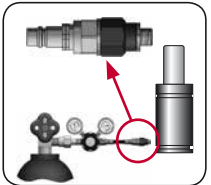
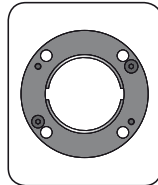
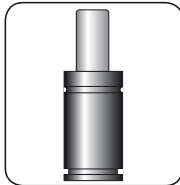
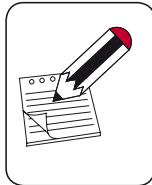
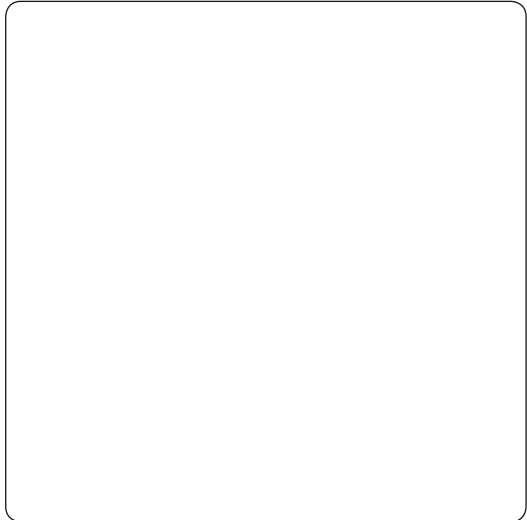
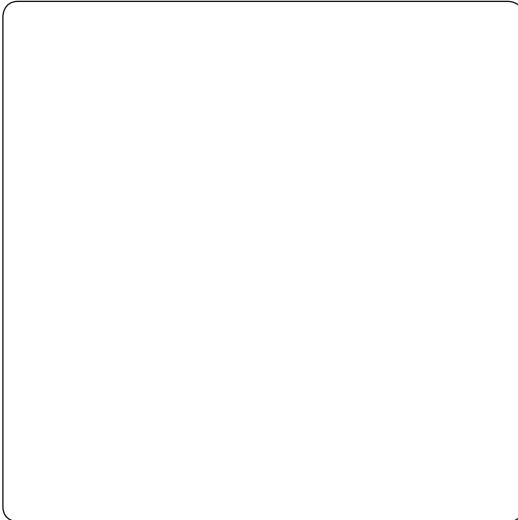
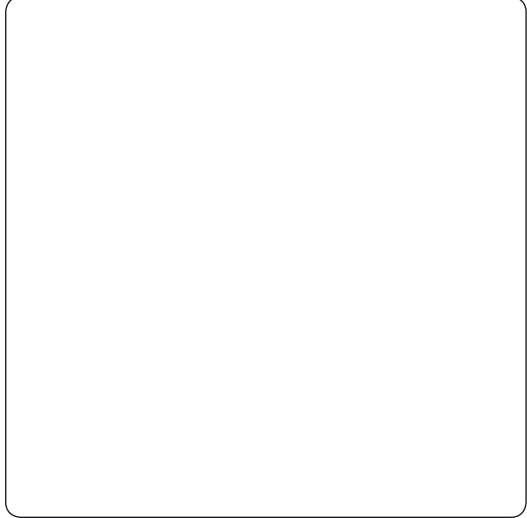
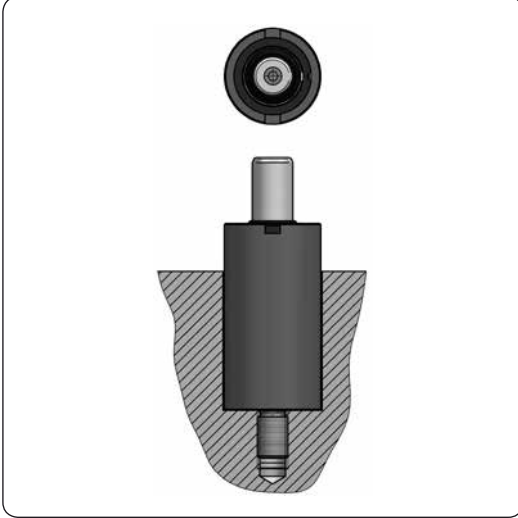


N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	150	2175	0	32	80	176	

# AST 300 V1 MOUNTS

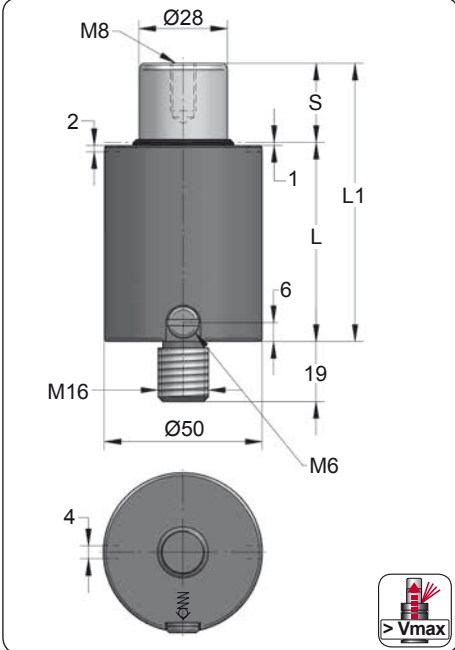
Threaded



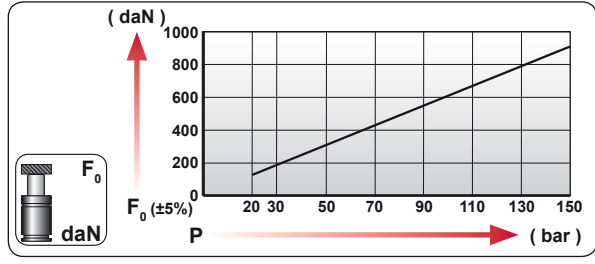
CODE	AST 300 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX		06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT		CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ		LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION		RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE		ADATTATORE DI CARICO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

# AST 1000

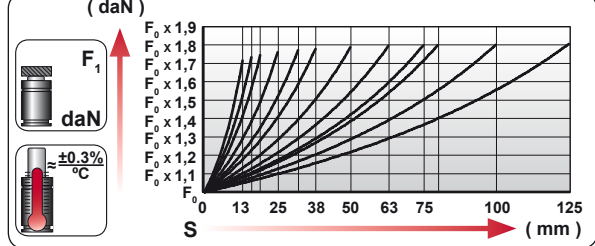
Threaded



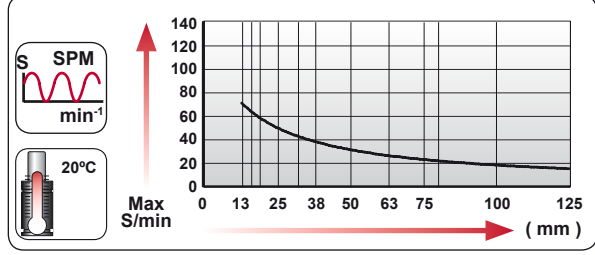
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AST 1000 013	13	64	51	0.64
AST 1000 016	16	70	54	0.67
AST 1000 019	19	76	57	0.69
AST 1000 025	25	88	63	0.74
AST 1000 032	32	102	70	0.80
AST 1000 038	38	114	76	0.85
AST 1000 050	50	138	88	0.95
AST 1000 063	63	164	101	1.06
AST 1000 075	75	188	113	1.16
AST 1000 080	80	198	118	1.21
AST 1000 100	100	238	138	1.37
AST 1000 125	125	288	163	1.58



CODE					
		bar	psi		
AST 1000 050		150	2175	920	1645
-----		---	---	---	---



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		AST 1000	50
		AST 1000 050	

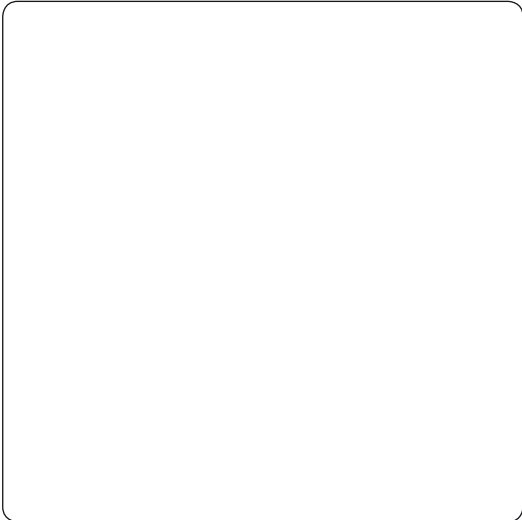
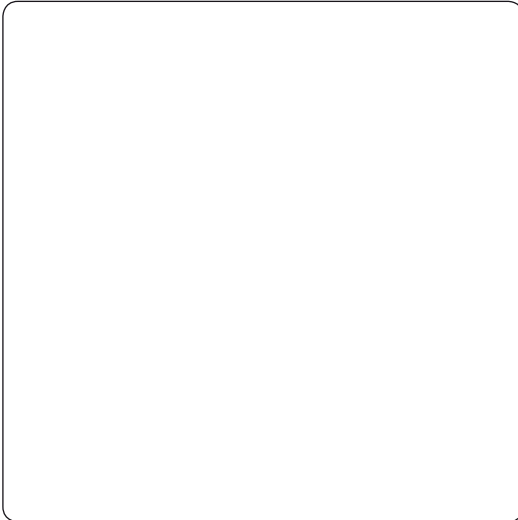
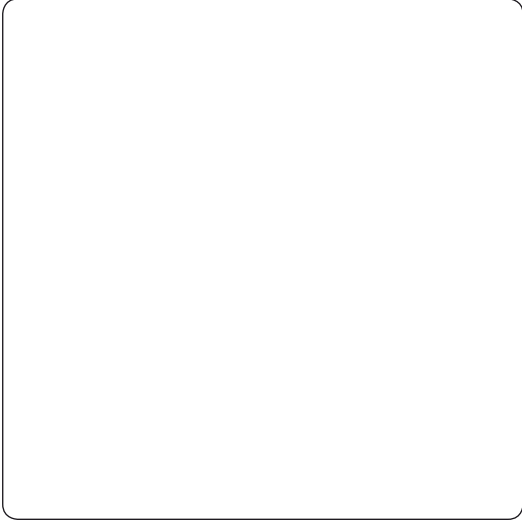
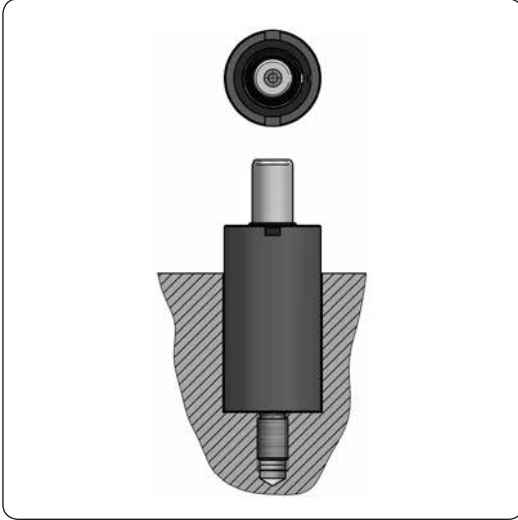


N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	150	2175	0	32	80	176	

# AST 1000 MOUNTS

Threaded



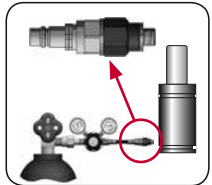
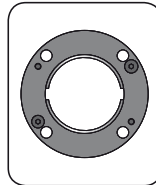
**SEAL**  
KIT S-XXXXXXX



**CARTRIDGE**  
KIT C-XXXXXXX




  
 25 750  
 2150252  
 7/23CE art.3  
 XXXXXXXX  
 XXXXXXXX  
 XXXXXXXX  
 Made in Spain (2175)  
 www.azolgas.com



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





# APF/AG ISO

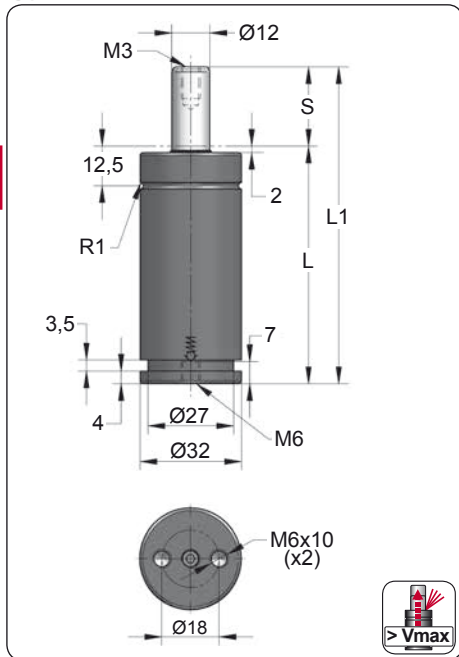
MODEL	F <sub>0</sub>	Ø	S	L1	Pmax	Charge Port		
APFA 150	150	Ø32	10 - 125	70 - 300	180	M6		
APFC-H 150	150	Ø32	10 - 125	70 - 300	180	G1/8"		
APFA 250	250	Ø38	10 - 125	70 - 300	150	M6		
APFC-H 250	250	Ø38	10 - 125	70 - 300	150	G1/8"		
APF 500	500	Ø45	10 - 160	105 - 405	150	G1/8"		
AG 750	750	Ø50	12.7 - 300	120.4 - 695	150	G1/8"		
AG 1500	1500	Ø75	12.7 - 300	135.4 - 710	150	G1/8"		
AG 3000	3000	Ø95	12.7 - 300	145.4 - 720	150	G1/8"		
AG 5000	5000	Ø120	12.7 - 300	165.4 - 740	150	G1/8"		
AG 7500	7500	Ø150	12.7 - 300	180.4 - 755	150	G1/8"		
AG 10000	10000	Ø195	12.7 - 300	185.4 - 760	150	G1/8"		

	50	50	50	50	50	50	50	50
	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50
	L1=138 L1=152	L1=138	L1=138 L1=150 L1=150	L1=170 L1=185 L1=195	L1=195	L1=165 L1=175	L1=220	
	1000 1000	1000	1000 1000 750	750 1000 1000	750	1700 2000	1800	
MODEL		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								

# APFA 150

150

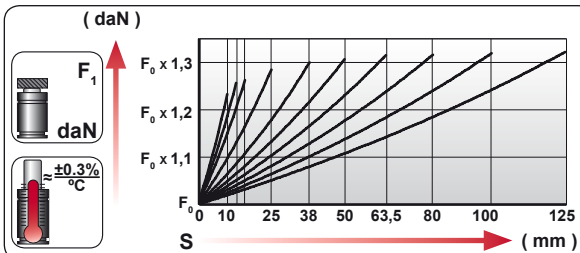
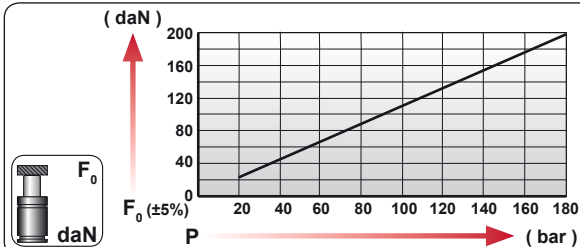
BMW B2 4006		PSA E24.54.815.G
MB B8 3180 220 000 001	GM 90.25	RENAULT EM24.54.700
VW 39D 878		



CODE	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
APFA ... 010	10	70	60	0.29
APFA ... 012	12.7	75.4	62.7	0.30
APFA ... 016	16	82	66	0.31
APFA ... 025	25	100	75	0.34
APFA ... 038	38	126	88	0.38
APFA ... 050	50	150	100	0.42
APFA ... 063	63.5	177	113.5	0.47
APFA ... 080	80	210	130	0.52
APFA ... 100	100	250	150	0.59
APFA ... 125	125	300	175	0.67



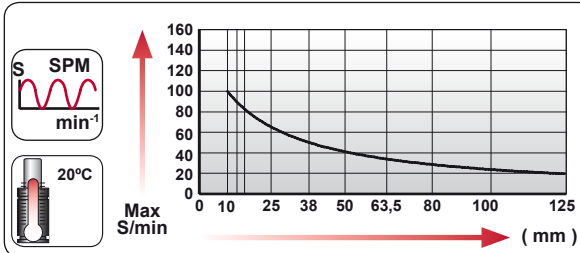
CODE	COLOR	Pressure		F <sub>0</sub>		F <sub>1</sub>	
		bar	psi	daN	daN	daN	daN
APFA 50 050	Green	45	650	50	65		
APFA 100 050	Blue	90	1305	100	130		
APFA 150 050	Red	135	1960	150	195		
APFA 200 050	Yellow	180	2610	200	260		



	ENG ORDER		F <sub>0</sub> daN		S mm
	DEU BESTELLUNG				
	FRA COMMANDE				
	ITA ORDINE				
	ESP PEDIDO				
POR PEDIDO					

**APFA 50 50**

**APFA 50 050**



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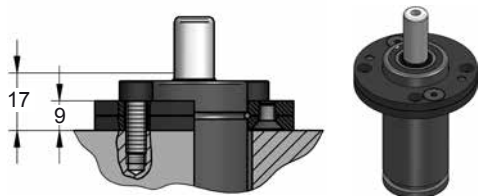
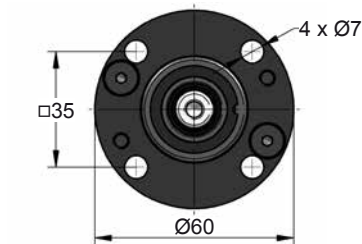
N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi 20 290	bar psi 180 2610	°C °F 0 32	°C °F 80 176	
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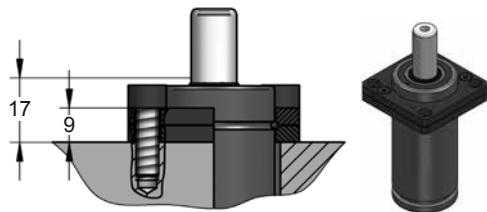
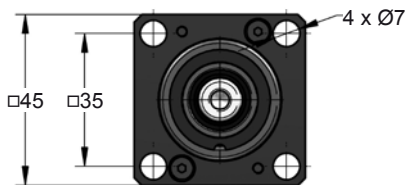
# APFA 150 MOUNTS

150

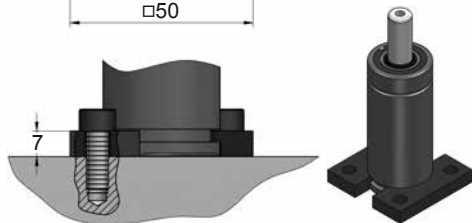
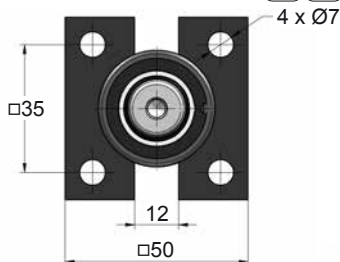
## A14-032



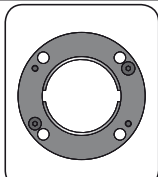
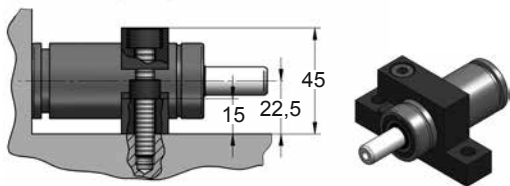
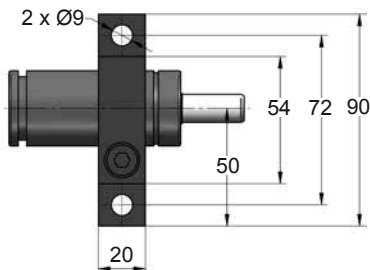
## A34-032



## C20-032



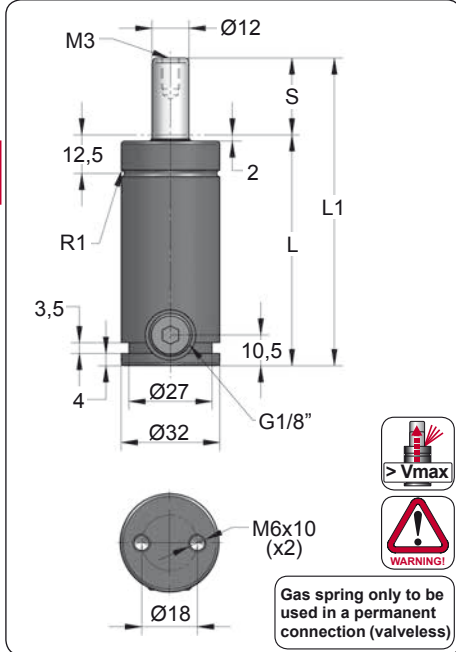
## D02-032



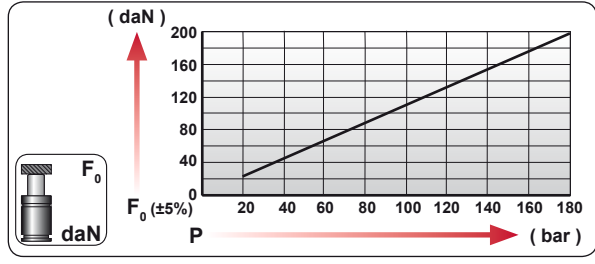
CODE	APFA 50 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-032	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# APFC-H 150

150

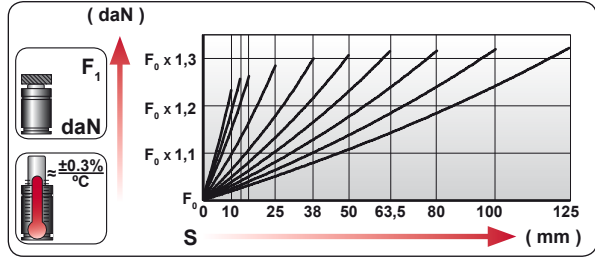


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
APFC-H 150 010	10	70	60	0.24
APFC-H 150 012	12.7	75.4	62.7	0.30
APFC-H 150 016	16	82	66	0.32
APFC-H 150 025	25	100	75	0.35
APFC-H 150 038	38	126	88	0.39
APFC-H 150 050	50	150	100	0.42
APFC-H 150 063	63.5	177	113.5	0.48
APFC-H 150 080	80	210	130	0.54
APFC-H 150 100	100	250	150	0.59
APFC-H 150 125	125	300	175	0.68



CODE	Pressure (bar/psi)	Force (daN)	Stroke (mm)
APFC-H 150 050	0 / 0	---	---

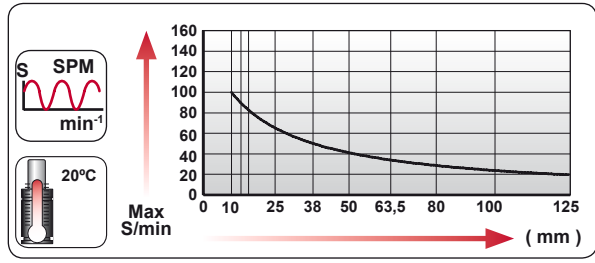
ENG Gas spring only to be used in a permanent connection (valveless)  
DEU Gasdruckfeder kann nur im Verbund eingesetzt werden (ohne Ventil!)  
FRA Ressort à gaz ne peut être utilisé que relié dans une connexion (sans valve)  
ITA Cilindro può essere utilizzato solo in una connessione permanente (senza 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)



**APFC-H 150**      **50**  
**APFC-H 150 050**

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

daN      mm



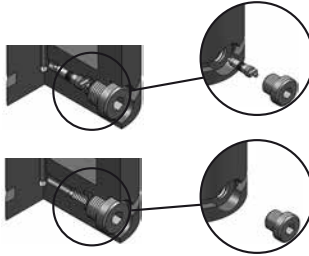
N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C	°F	°C	°F	600 CP-
			20 290	180 2610	0	32	80	176	

150

## ONLY PERMANENT HOSED GAS SPRINGS

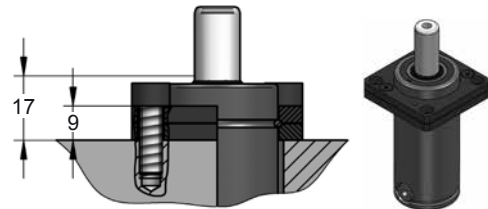
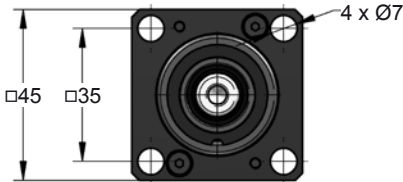


CODE				
	bar	psi	daN	daN
-----	---	---	---	---
APFC-H 150 050	0	0	---	---

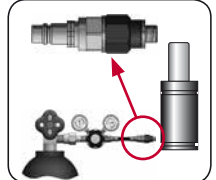
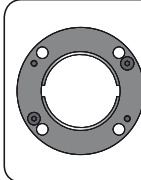
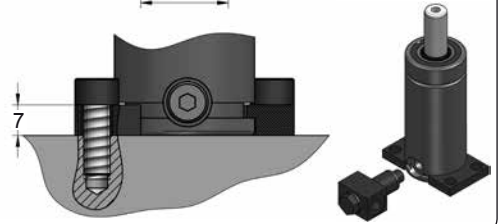
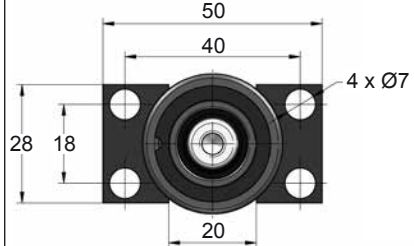


ENG	Hosed gas spring	Gas spring delivered unfilled and it can only be used in a permanent connection (valveless)
DEU	Gasdruckfeder zum verschlauchen	Gasdruckfeder wird drucklos angeliefert und kann nur im Verbund eingesetzt werden (ohne Ventil)
FRA	Ressort à gaz relié	Ressort à gaz fourni non chargé 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)

### A34-032



### C05-032

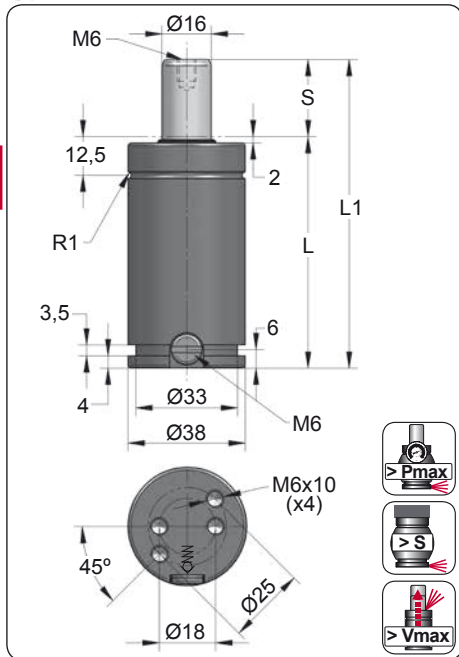


CODE	APFC-H 150 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-032	SKK 12R 1/8	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

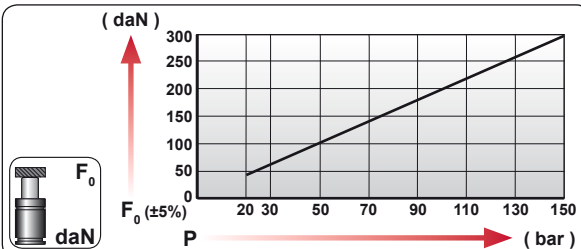
# APFA 250

150

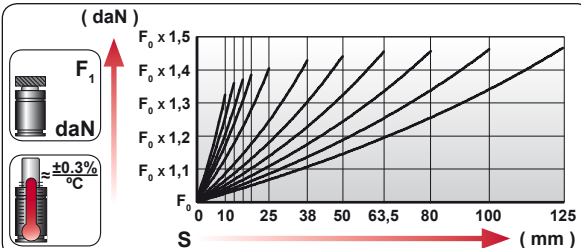
BMW B2 4006	FORD W-DX35-6203	PSA E24.54.815.G
	GM 90.25	RENAULT EM24.54.700
VW 39D 878		NISSAN K32S0



CODE	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
APFA 250 010	10	70	60	0.41
APFA 250 012	12.7	75.4	62.7	0.42
APFA 250 016	16	82	66	0.43
APFA 250 019	19	88	69	0.44
APFA 250 025	25	100	75	0.47
APFA 250 038	38	126	88	0.53
APFA 250 050	50	150	100	0.58
APFA 250 063	63.5	177	113.5	0.64
APFA 250 080	80	210	130	0.71
APFA 250 100	100	250	150	0.80
APFA 250 125	125	300	175	0.90



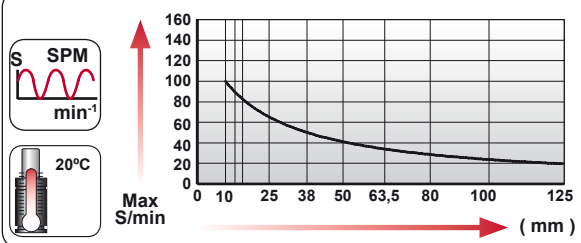
CODE	[Valve Diagram]	Pressure		Force	
		bar	psi	daN	daN
APFA 250 050	[Valve Diagram]	125	1810	250	360
APFA-H 250 050	[Valve Diagram]	0	0	---	---



[Icon]	ENG ORDER	[Valve Diagram]	[Valve Diagram]
	DEU BESTELLUNG	F <sub>0</sub>	S
	FRA COMMANDE	daN	mm
	ITA ORDINE		
	ESP PEDIDO		
POR PEDIDO			

APFA 250 50

APFA 250 050



[N <sub>2</sub> Gas]	[Smax < 90%]	[Vmax 1,6 m/s]	[Pmin 20°C]	[Pmax 20°C]	[Tmin]	[Tmax]	[600 CP-]
----------------------	--------------	----------------	-------------	-------------	--------	--------	-----------

N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

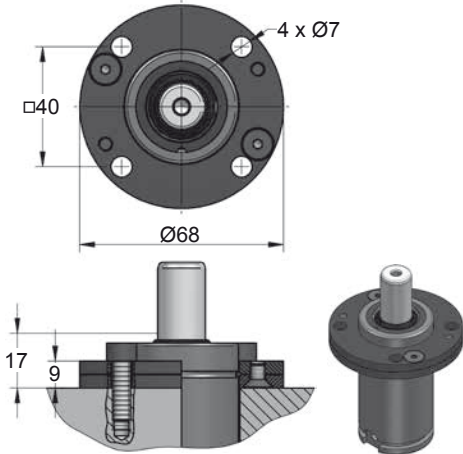


# APFA 250 MOUNTS

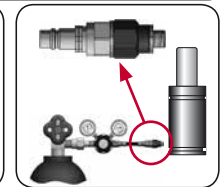
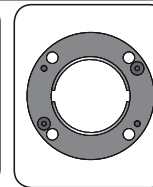
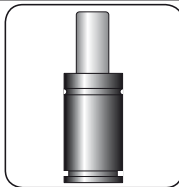
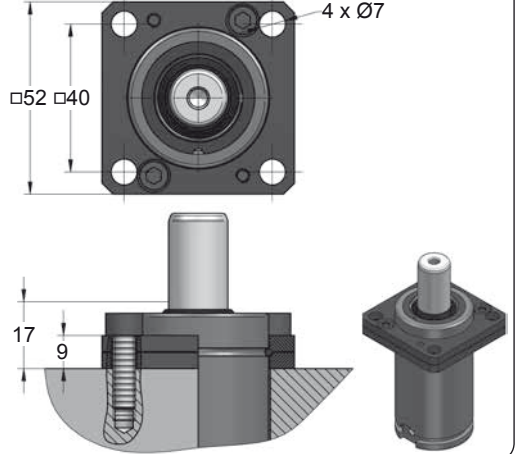
ISO

	L1=130 L1=140	L1=130 L1=150	L1=132 L1=137 L1=150	L1=150 L1=155	L1=150	L1=155 L1=160	L1=230	
MODEL	<b>X</b>	CW 500 KZ 500	AS 500 AS 300	CT 550 CK 570 FD 300	CD 500 CM 500	<b>APFA 250</b>	CPH 850 CP 1000	CS 1000
SERIES	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

## A14-038



## A34-038



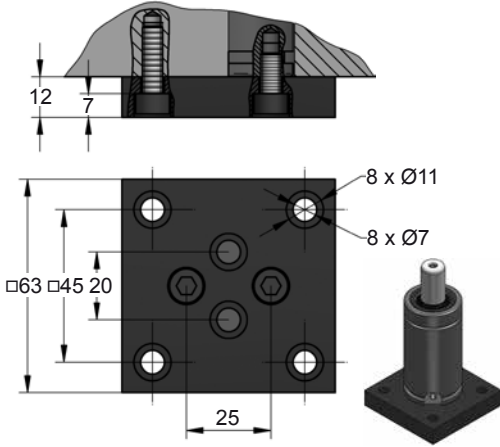
CODE	<b>APFA 250 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-038</b>	<b>06 CG 2-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE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

# APFA 250 MOUNTS

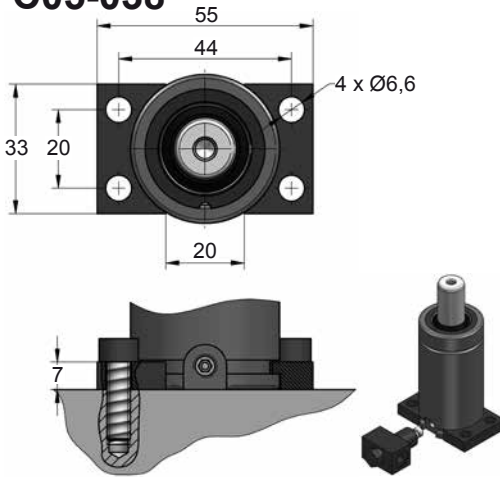


150

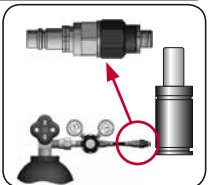
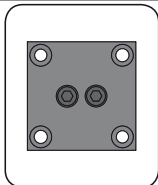
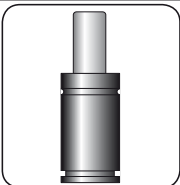
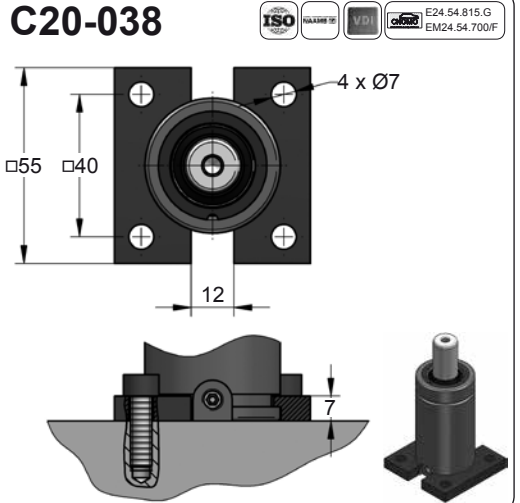
## B76-038



## C05-038



## C20-038



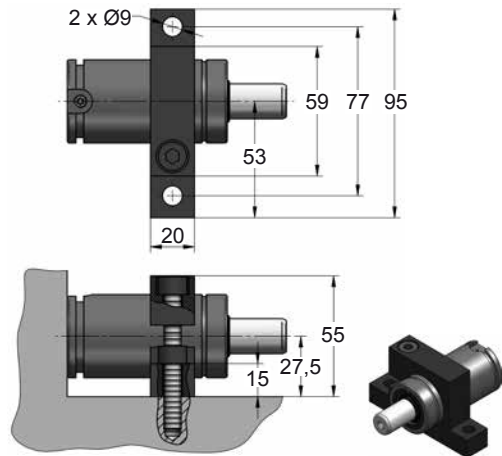
CODE	APFA 250 050	KIT S-XXXXXXX KIT C-XXXXXXX	B76-038	06 CG 2-Q	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

# APFA 250 MOUNTS

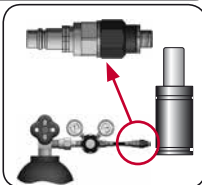
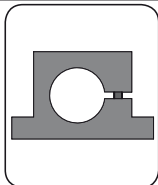
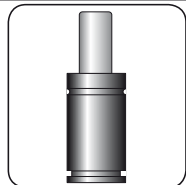
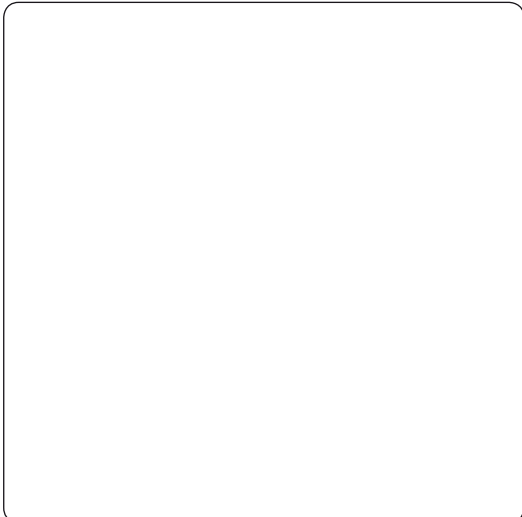
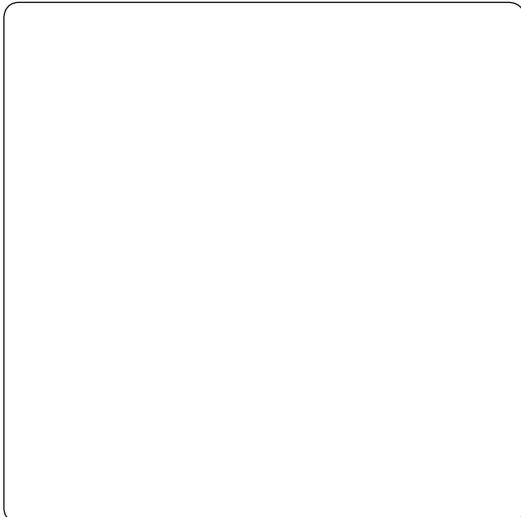
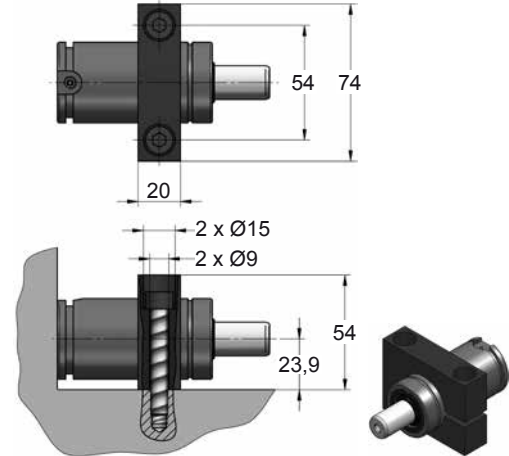
ISO

## D02-038

E24.54.815.G



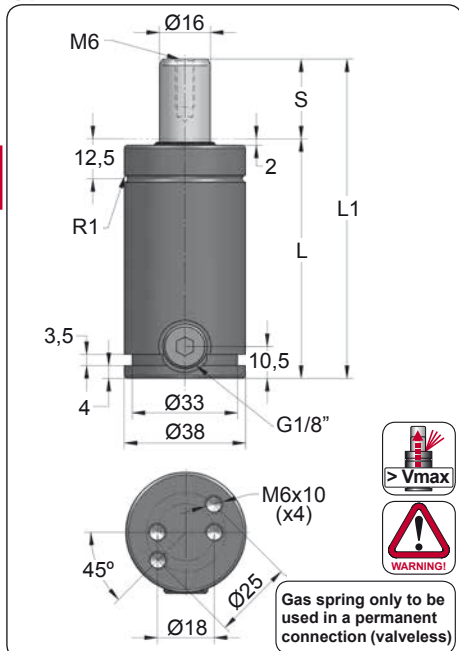
## D67-038



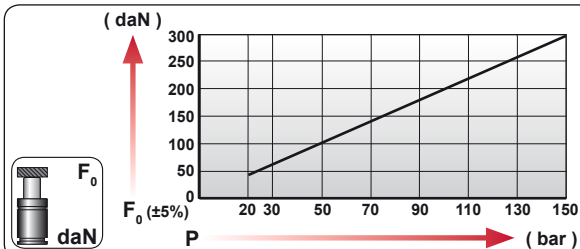
CODE	APFA 250 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-038	06 CG 2-Q
ENG	ORDER	GAS SPRING	REPAIR KIT	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	ADATTATORE DI CARICO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

# APFC-H 250

150

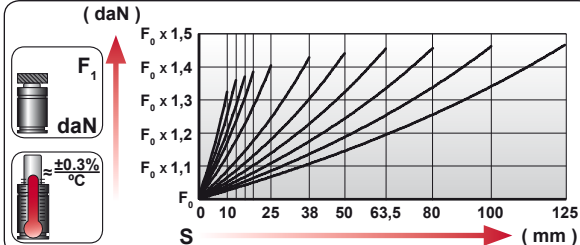


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
APFC-H 250 010	10	70	60	0.41
APFC-H 250 012	12.7	75.4	62.7	0.43
APFC-H 250 016	16	82	66	0.45
APFC-H 250 019	19	88	69	0.47
APFC-H 250 025	25	100	75	0.50
APFC-H 250 038	38	126	88	0.58
APFC-H 250 050	50	150	100	0.65
APFC-H 250 063	63.5	177	113.5	0.73
APFC-H 250 080	80	210	130	0.83
APFC-H 250 100	100	250	150	0.95
APFC-H 250 125	125	300	175	1.10



CODE	Pressure Gauge	bar	psi	F <sub>0</sub> daN	F <sub>1</sub> daN
APFC-H 250 050		0	0	---	---

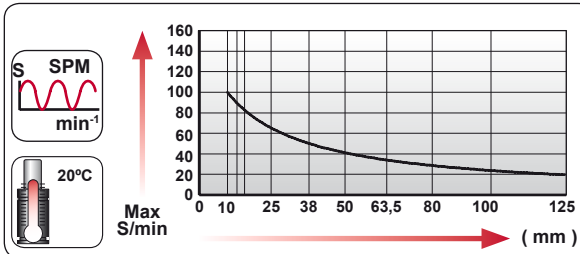
ENG Gas spring only to be used in a permanent connection (valveless)  
 DEU Gasdruckfeder kann nur im Verbund eingesetzt werden (ohne Ventil!)  
 FRA Ressort à gaz ne peut être utilisé que relié dans une connexion (sans valve)  
 ITA Cilindro può essere utilizzato solo in una connessione permanente (senza valvola)  
 ESP Cilindro de gas sólo puede ser usado en un sistema conexonado (sin válvula)  
 POR Cilindro de gás apenas pode ser utilizado em um sistema interligado (sem válvula)



Language	ORDER	F <sub>0</sub> daN	S mm
ENG	ORDER		
DEU	BESTELLUNG	daN	mm
FRA	COMMANDE		
ITA	ORDINE		
ESP	PEDIDO		
POR	PEDIDO		

APFC-H 250 50

APFC-H 250 050



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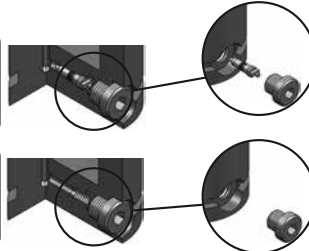
N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	



## ONLY PERMANENT HOSED GAS SPRINGS

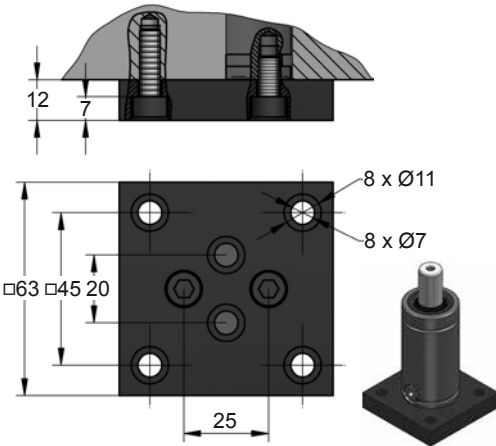


CODE					
		bar	psi	daN	daN
-----		---	---	---	---
<b>APFC-H 250 050</b>		0	0	---	---

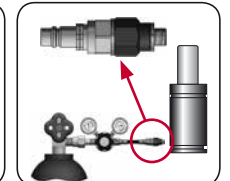
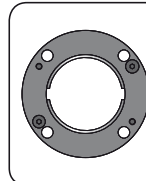
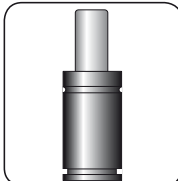
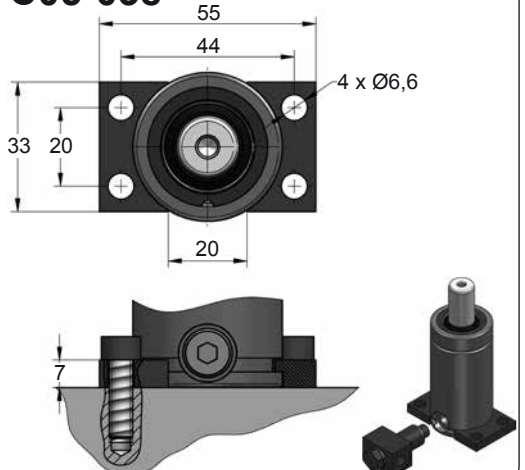


ENG	Hosed gas spring	Gas spring delivered unfilled and it can only be used in a permanent connection (valveless)
DEU	Gasdruckfeder zum verschlauchten	Gasdruckfeder wird drucklos angeliefert und kann nur im Verbund eingesetzt werden (ohne Ventil)
FRA	Ressort à gaz relié	Ressort à gaz fourni non chargé 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 conexionalbe	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)

### B76-038



### C05-038

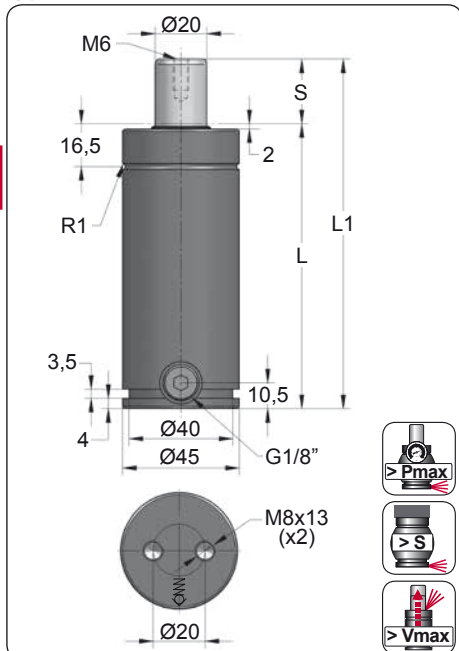


CODE	APFC-H 250 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-038	SKK 12R 1/8	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

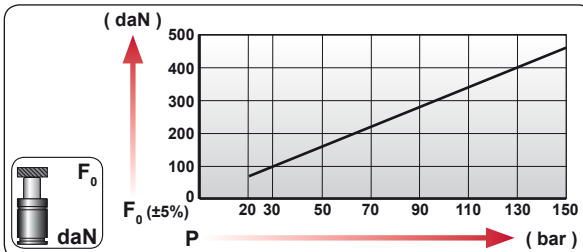
# APF 500

ISO

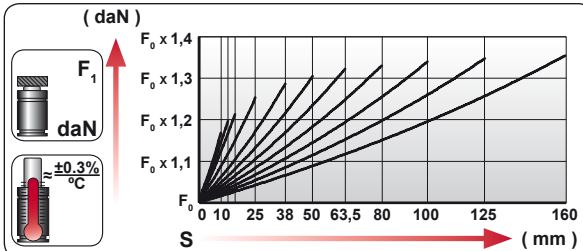
BMW B2 4006		PSA E24.54.815.G
MB B8 3180 220 000 001	GM 90.25	RENAULT EM24.54.700
VW 39D 878		NISSAN K32S0



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
APF 500 010	10	105	95	0.88
APF 500 012	12.7	110.4	97.7	0.89
APF 500 016	16	117	101	0.91
APF 500 025	25	135	110	0.95
APF 500 038	38	161	123	1.02
APF 500 050	50	185	135	1.08
APF 500 063	63.5	212	148.5	1.14
APF 500 080	80	245	165	1.23
APF 500 100	100	285	185	1.33
APF 500 125	125	335	210	1.45
APF 500 160	160	405	245	1.63



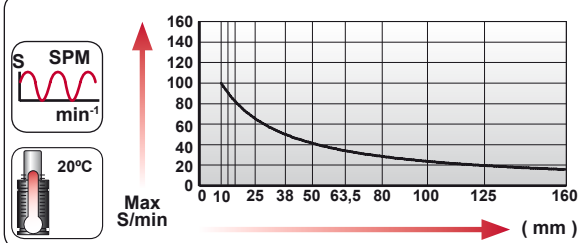
CODE				
		bar psi	daN	daN
APF 500 050		150 2175	470	615
APF-H 500 050		0 0	---	---



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








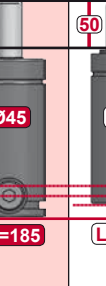










**F<sub>0</sub>** daN  
**S** mm

**APF 500 50**  
**APF 500 050**

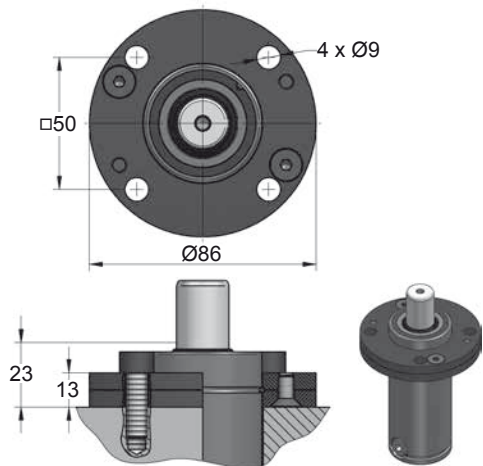


	<b>S<sub>max</sub> &lt; 90%</b>	<b>V<sub>max</sub> 1,6 m/s</b>	<b>P<sub>min</sub> (20°C)</b>	<b>P<sub>max</sub> (20°C)</b>	<b>T<sub>min</sub></b>	<b>T<sub>max</sub></b>	
--	---------------------------------	--------------------------------	-------------------------------	-------------------------------	------------------------	------------------------	--

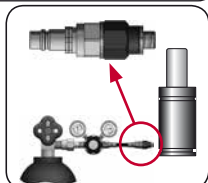
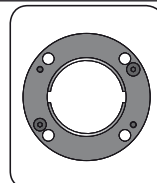
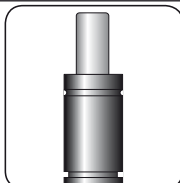
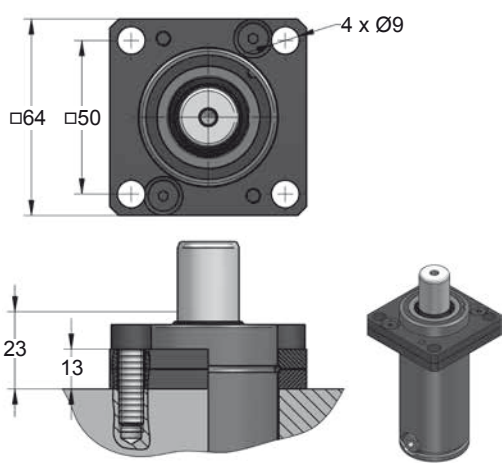
<b>N<sub>2</sub></b>	<b>S<sub>max</sub> &lt; 90%</b>	<b>V<sub>max</sub> 1,6 m/s</b>	bar psi	bar psi	°C °F	°C °F	<b>600 CP-</b>
			20 290	150 2175	0 32	80 176	

  								
MODEL	×	CW 750 KZ 750	AS 700	CK 750 FD 500	CM 600 CD 700	APF 500	CPH 1250	×
SERIES	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE
								

## A14-045



## A34-045



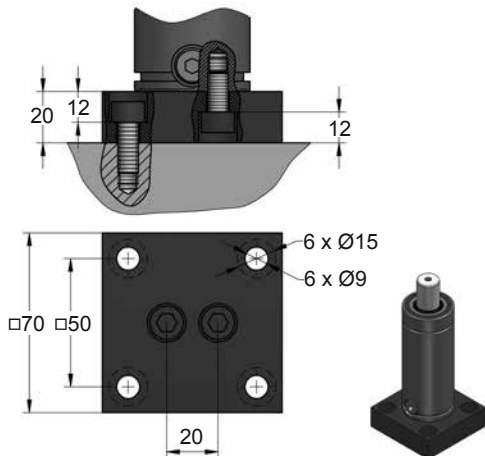
CODE	APF 500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-045	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

# APF 500 MOUNTS

**AZOL**  
**GAS**

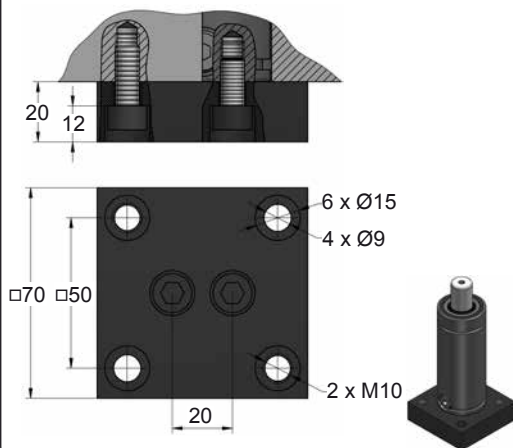
150

## B21-045

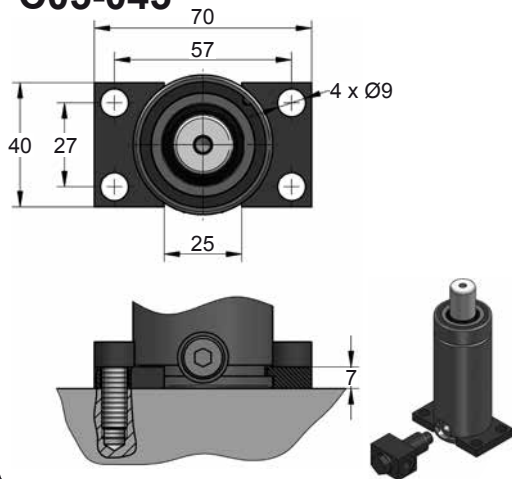


## B76-045

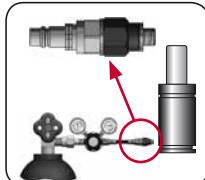
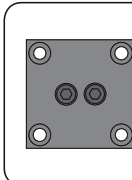
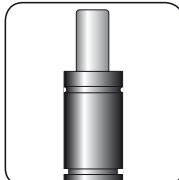
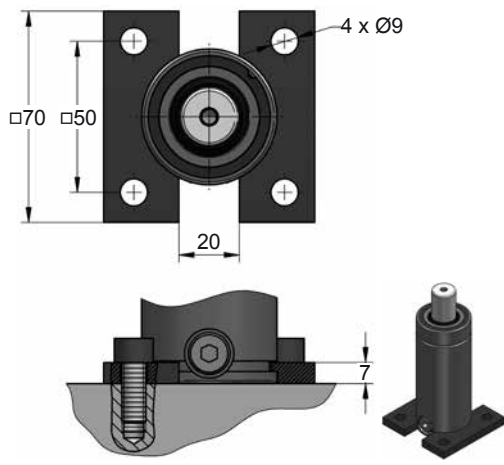
E24.54.815.G



## C05-045



## C20-045

 E24.54.815.G  
EM24.54.700/F


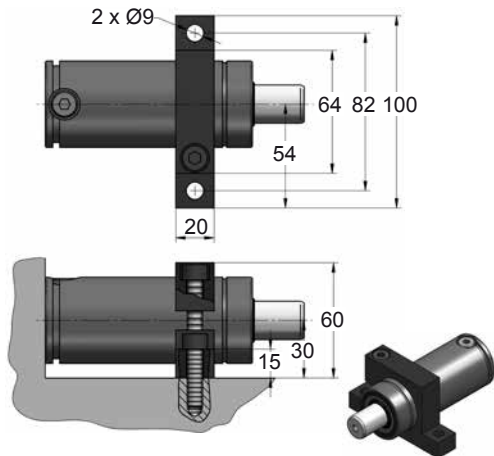
CODE	APF 500 050	KIT S-XXXXXXX KIT C-XXXXXXX	B21-045	18 CG 1-Q
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION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



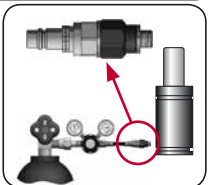
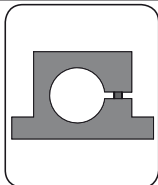
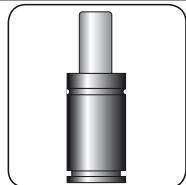
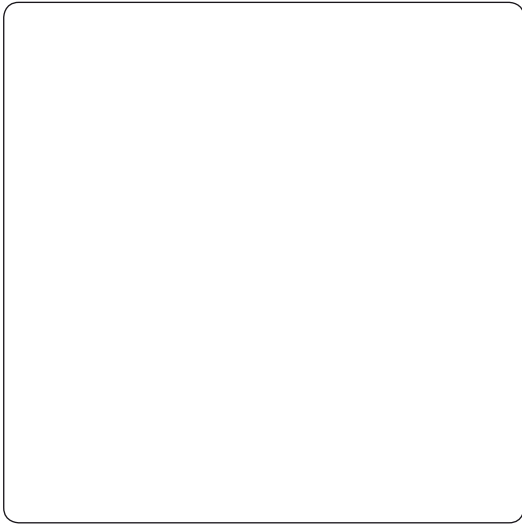
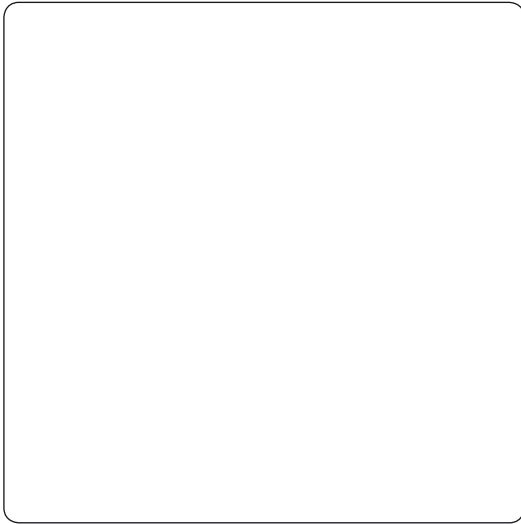
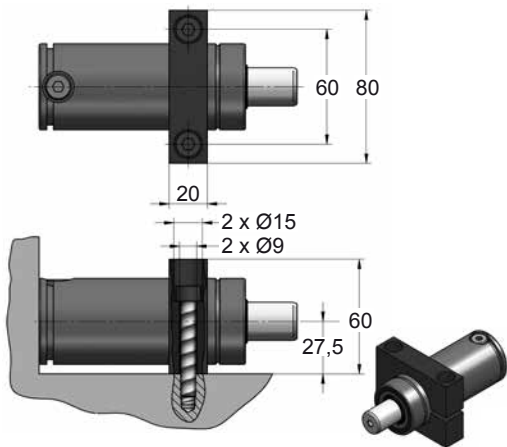
# APF 500 MOUNTS

ISO

## D02-045



## D67-045

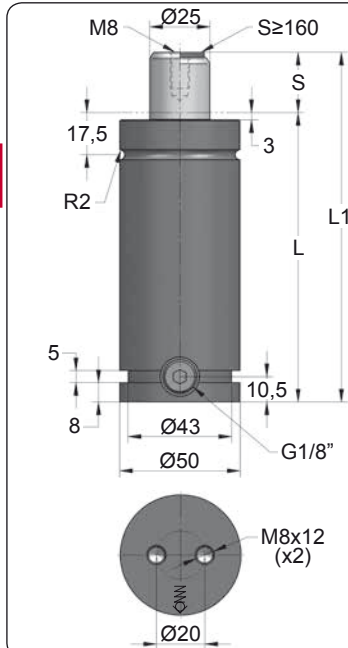


CODE	APF 500 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-045	18 CG 1-Q	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

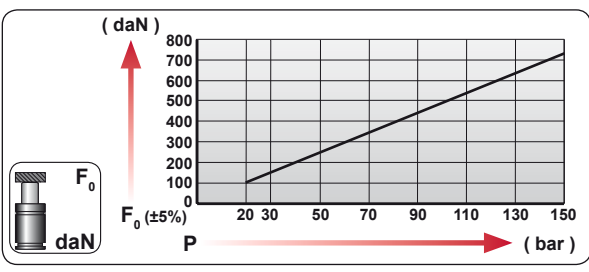
# AG 750

ISO

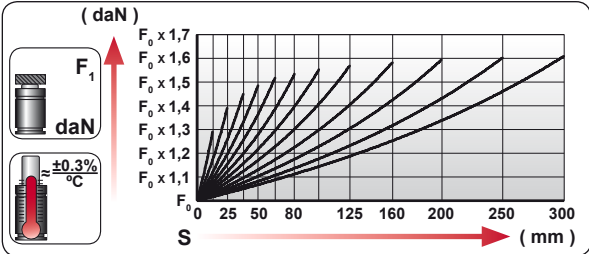
BMW B2 4006	FORD W-DX35-6203	PSA E24.54.815.G
MB B8 3180 220 000 001	GM 90.25	RENAULT EM24.54.700
VW 39D 878		NISSAN K32S0



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 750 200 *	200	495	295	2.81
AG 750 250 *	250	595	345	3.22
AG 750 300 *	300	695	395	3.63

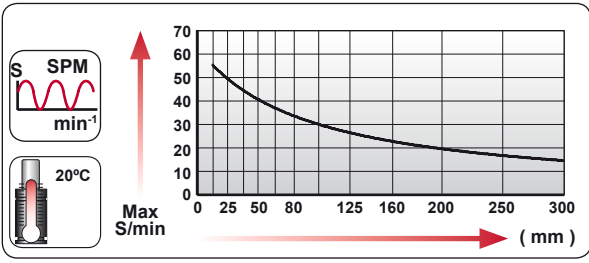


CODE	Pressure Gauge	Pressure		F <sub>0</sub> daN	F <sub>1</sub> daN
		bar	psi		
AG 750 050		150	2175	740	1100
AG-H 750 050		0	0	---	---



Language	Order	F <sub>0</sub> daN	S mm
ENG ORDER	ORDER	750	50
DEU BESTELLUNG	BESTELLUNG	750	50
FRA COMMANDE	COMMANDE	750	50
ITA ORDINE	ORDINE	750	50
ESP PEDIDO	PEDIDO	750	50
POR PEDIDO	PEDIDO	750	50

**AG 750 050**



N<sub>2</sub>

Smax < 100%

Vmax

Pmin (20°C)  
Pmax (20°C)

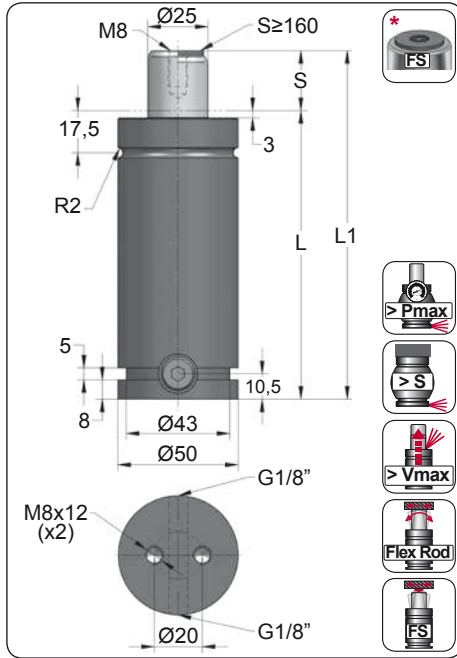
Tmin  
Tmax

600 CP-

N <sub>2</sub>	Smax < 90%	Vmax 2 m/s	bar psi 20 290	bar psi 150 2175	°C °F 0 32	°C °F 80 176	600 CP-
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# AZOL GAS AGB-H 750

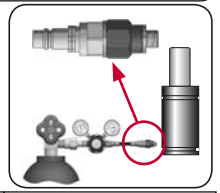
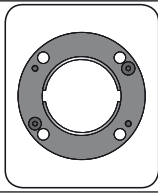
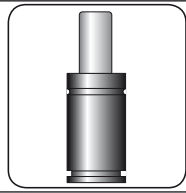
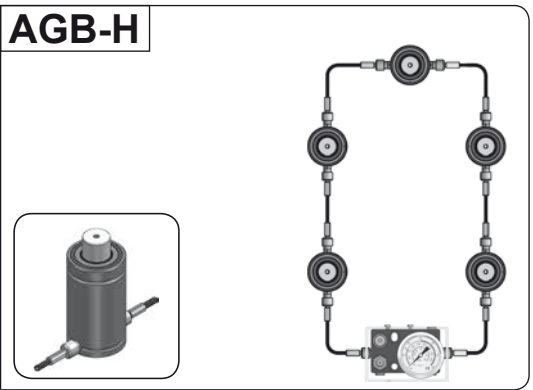
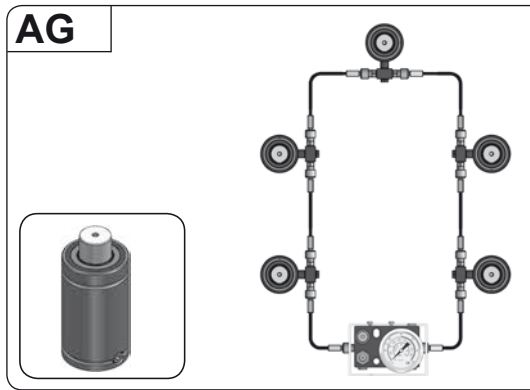
			RENAULT EM24.54.700
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ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AGB-H 750 012	12.7	120.4	107.7	1.20
AGB-H 750 025	25	145	120	1.42
AGB-H 750 038	38	171	133	1.50
AGB-H 750 050	50	195	145	1.60
AGB-H 750 063	63.5	222	158.5	1.70
AGB-H 750 080	80	255	175	1.90
AGB-H 750 100	100	295	195	2.14
AGB-H 750 125	125	345	220	2.30
AGB-H 750 160 *	160	415	255	2.58
AGB-H 750 200 *	200	495	295	2.92
AGB-H 750 250 *	250	595	345	3.37
AGB-H 750 300 *	300	695	395	3.82



CODE				F <sub>0</sub> daN	F <sub>1</sub> daN
		bar	psi		
-----		---	---	---	---
AGB-H 750 050		0	0	---	---



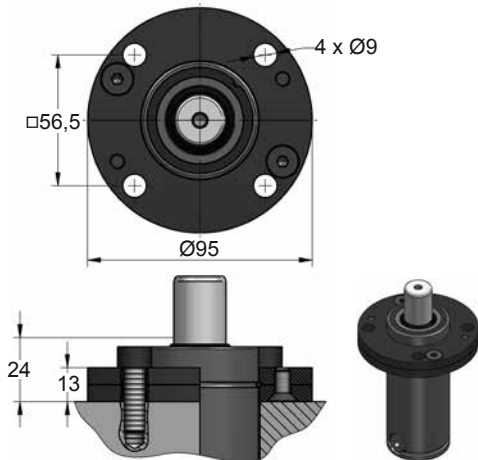
CODE	AG 750 050 AGB-H 750 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-050	18 CG 1-Q SKK 12R 1/8
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

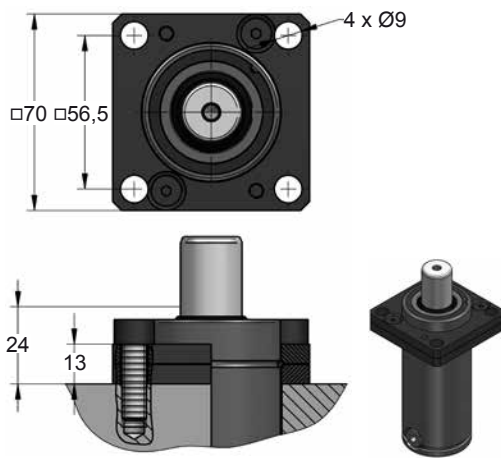
**AZOL**  
**GAS**

150

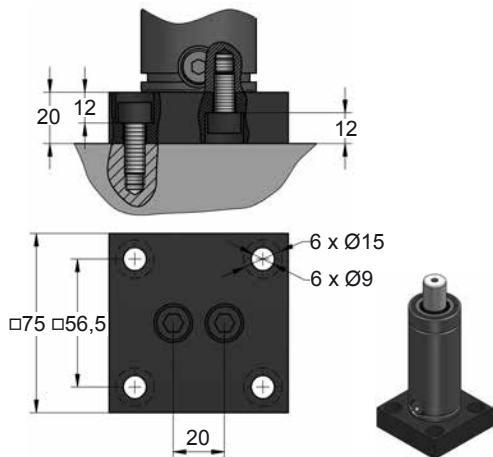
## A14-050



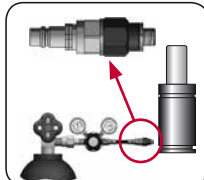
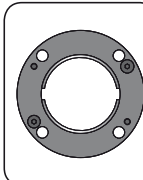
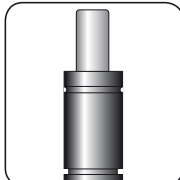
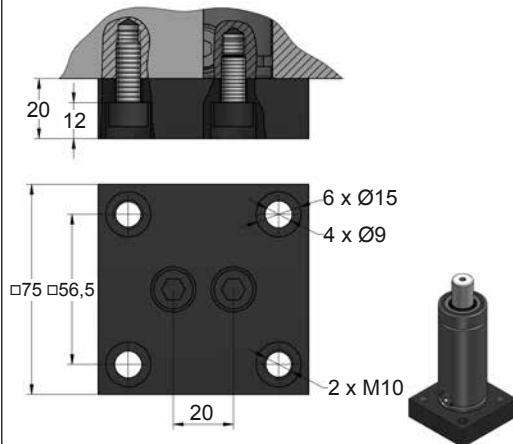
## A34-050



## B21-050



## B76-050



CODE	AG 750 050	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	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

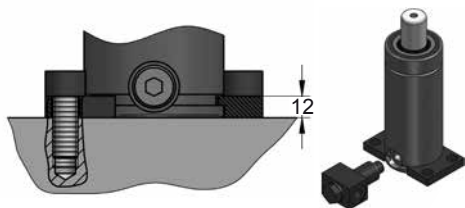
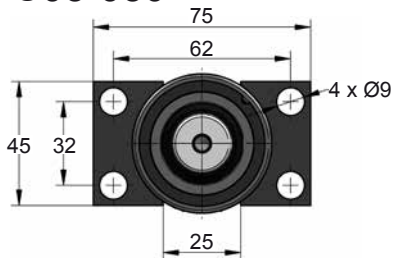




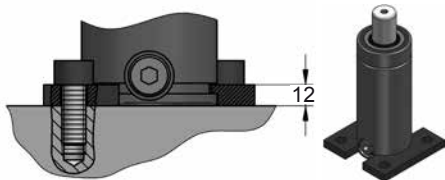
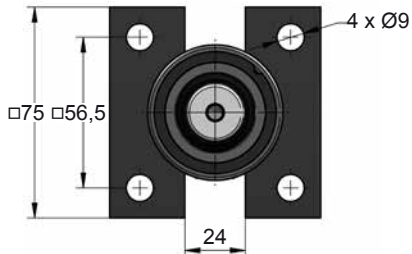
# AG 750 MOUNTS

150

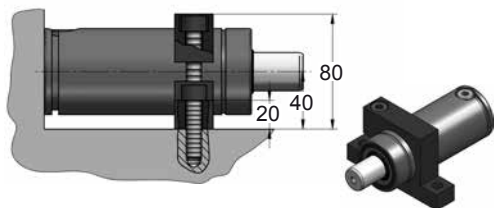
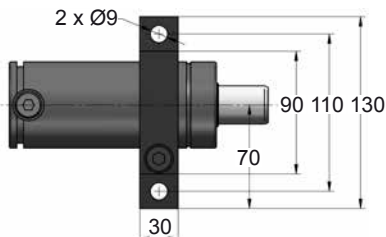
## C05-050



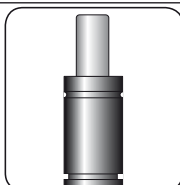
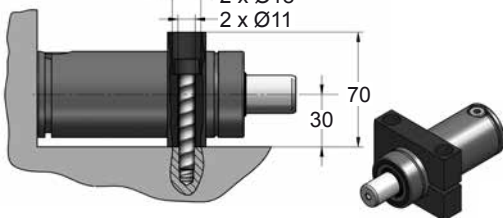
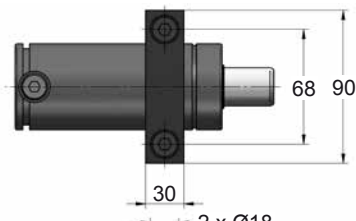
## C20-050



## D02-050



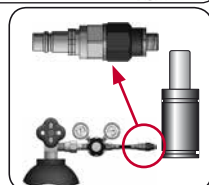
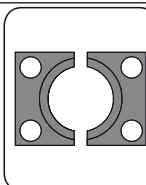
## D67-050



SEAL  
KIT S-XXXXXXX



CARTRIDGE  
KIT C-XXXXXXX

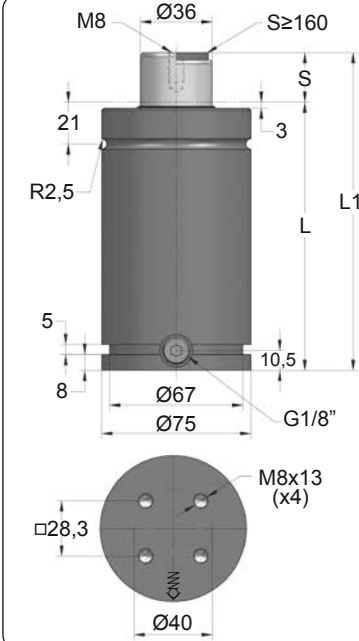


CODE	AG 750 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-050	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

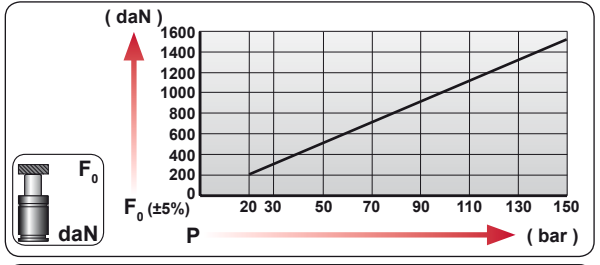
# AG 1500

150

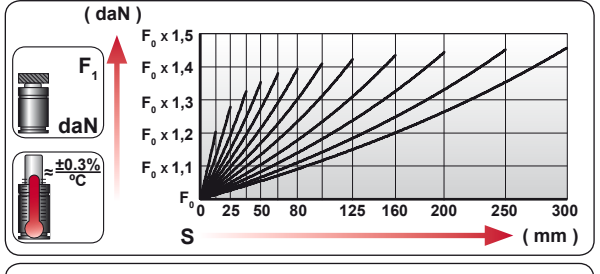
BMW B2 4006	FORD W-DX35-6203	PSA E24.54.815.G
MB B8 3180 220 000 001	GM 90.25	RENAULT EM24.54.700
VW 39D 878		NISSAN K32S0



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 200 *	200	510	310	5.85
AG 1500 250 *	250	610	360	6.58
AG 1500 300 *	300	710	410	7.31



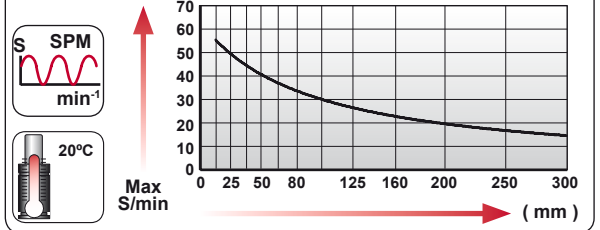
CODE	Valve Icon	Pressure		Force	
		bar	psi	daN	daN
AG 1500 050		150	2175	1530	2070
AG-H 1500 050		0	0	---	---



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

AG 1500 50

AG 1500 050

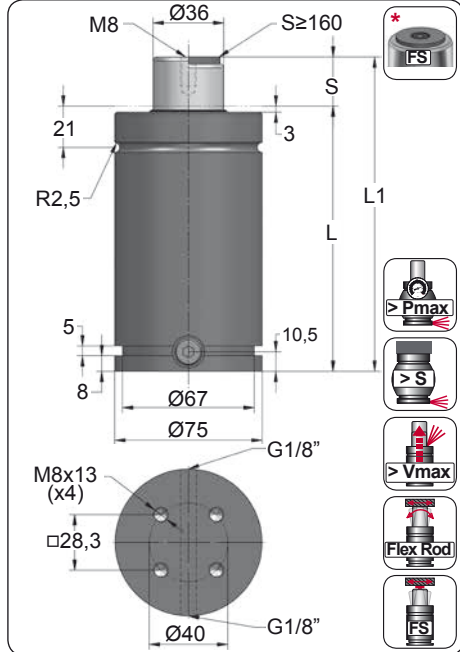


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N <sub>2</sub>	Smax < 90%	Vmax 2 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

# AZOL GAS AGB-H 1500

ISO

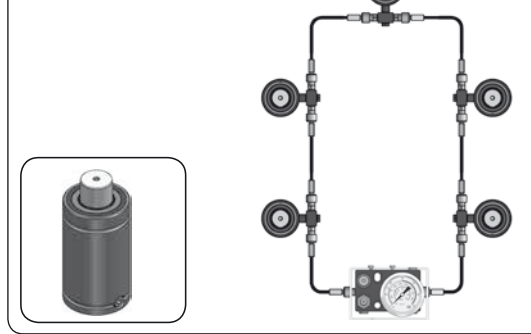


			RENAULT EM24.54.700
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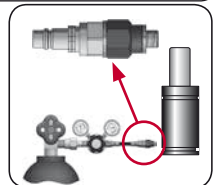
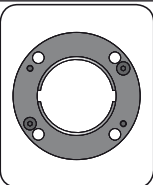
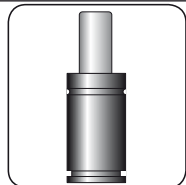
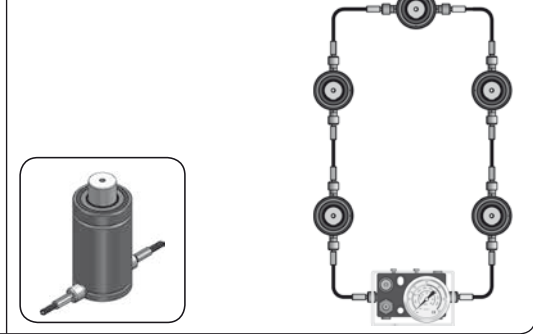
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AGB-H 1500 012	12.7	135.4	122.7	2.98
AGB-H 1500 025	25	160	135	3.23
AGB-H 1500 038	38	186	148	3.50
AGB-H 1500 050	50	210	160	3.74
AGB-H 1500 063	63.5	237	173.5	4.02
AGB-H 1500 080	80	270	190	4.35
AGB-H 1500 100	100	310	210	4.76
AGB-H 1500 125	125	360	235	5.27
AGB-H 1500 160 *	160	430	270	5.99
AGB-H 1500 200 *	200	510	310	6.80
AGB-H 1500 250 *	250	610	360	7.82
AGB-H 1500 300 *	300	710	410	8.85

CODE		Pressure		F <sub>0</sub>	F <sub>1</sub>
		bar	psi		
---		---	---	---	---
AGB-H 1500 050		0	0	---	---

## AG



## AGB-H



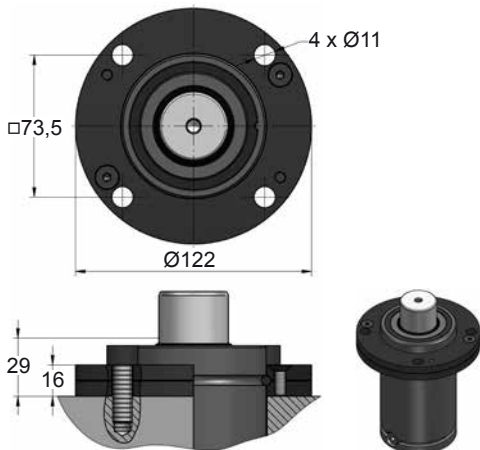
CODE	AG 1500 050 AGB-H 1500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-075	18 CG 1-Q SKK 12R 1/8
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

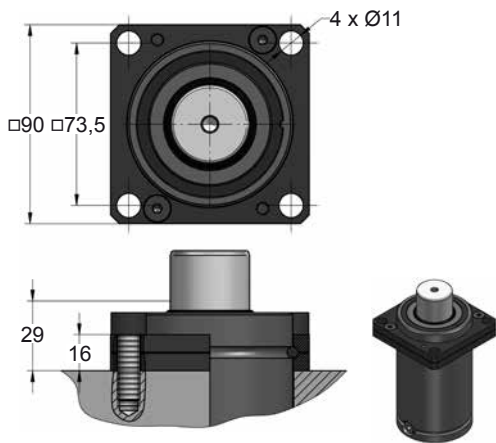
**AZOL**  
**GAS**

150

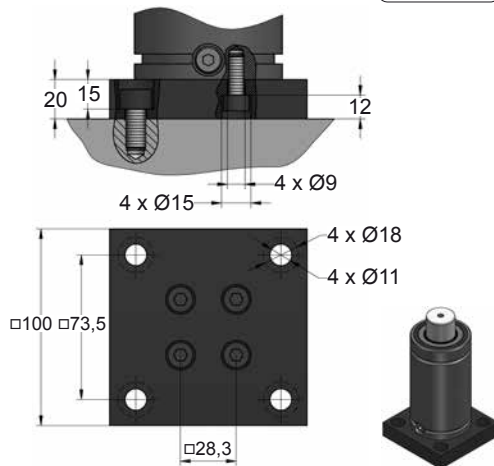
## A14-075



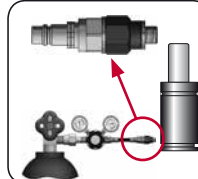
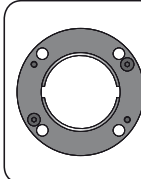
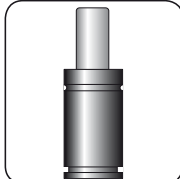
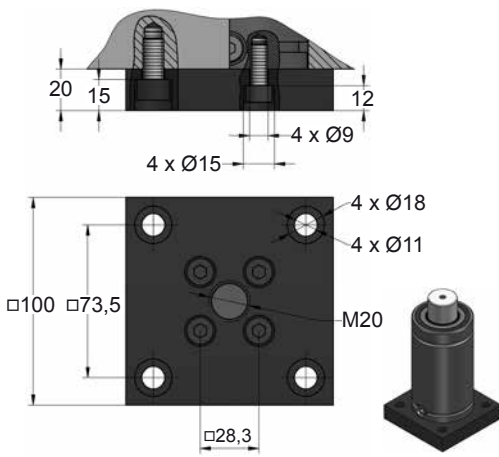
## A34-075



## B21-075



## B76-075



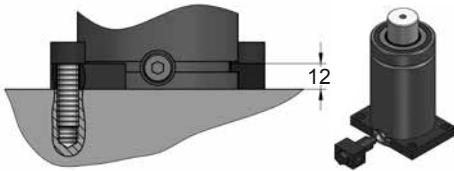
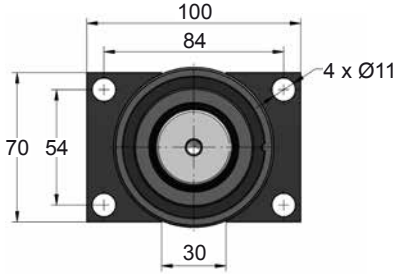
CODE	AG 1500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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



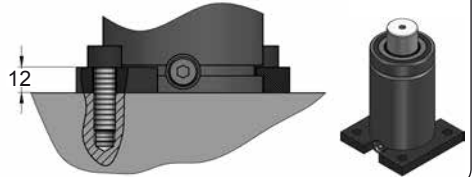
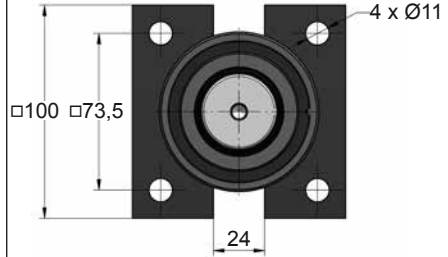
# AG 1500 MOUNTS

ISO

## C05-075

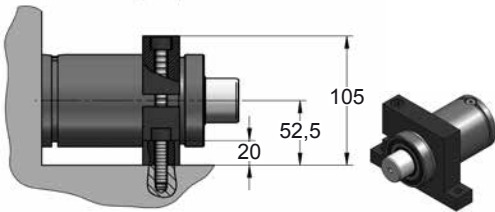
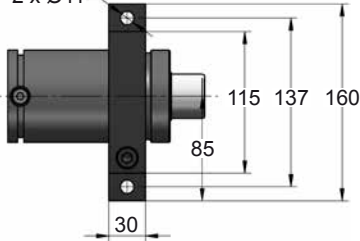


## C20-075

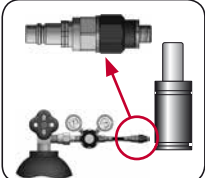
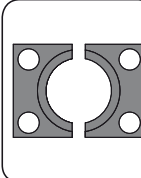
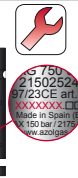
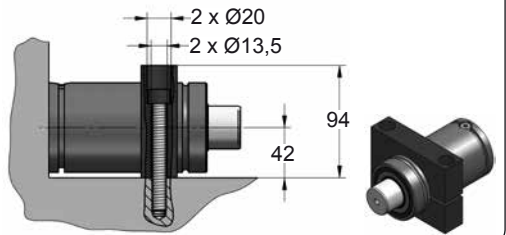
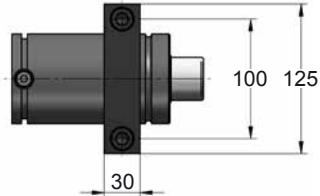


## D02-075

2 x Ø11



## D67-075

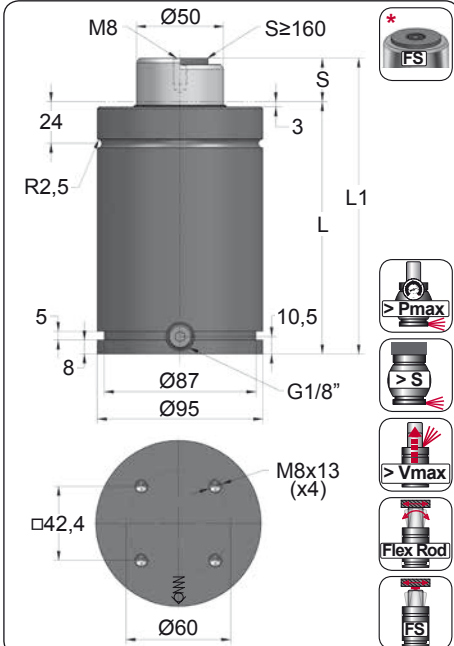


CODE	AG 1500 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

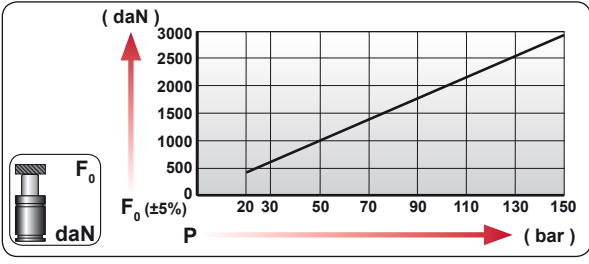
# AG 3000

150

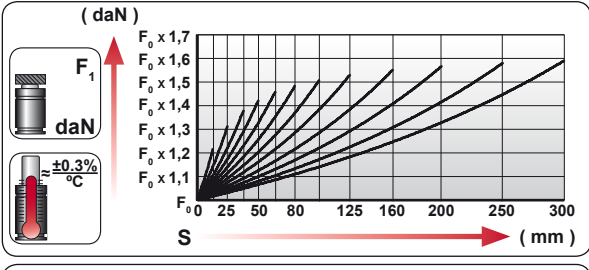
BMW B2 4006	FORD W-DX35-6203	PSA E24.54.815.G
MB B8 3180 220 000 001	GM 90.25	RENAULT EM24.54.700
VW 39D 878		NISSAN K32S0



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AG 3000 012	12.7	145.4	132.7	5.28
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 200 *	200	520	320	10.15
AG 3000 250 *	250	620	370	11.46
AG 3000 300 *	300	720	420	12.76



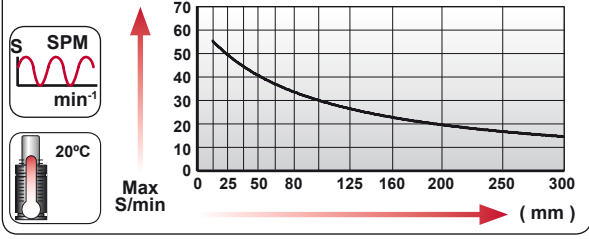
CODE	[Valve Diagram]	Pressure		F <sub>0</sub>	F <sub>1</sub>
		bar	psi	daN	daN
AG 3000 050	[Valve Diagram]	150	2175	2945	4180
AG-H 3000 050	[Valve Diagram]	0	0	---	---



[Icon]	ENG ORDER	[Valve Diagram]	F <sub>0</sub>	daN	[Valve Diagram]	S	mm
	DEU BESTELLUNG						
	FRA COMMANDE						
	ITA ORDINE						
	ESP PEDIDO						
POR PEDIDO							

AG 3000 50

AG 3000 050



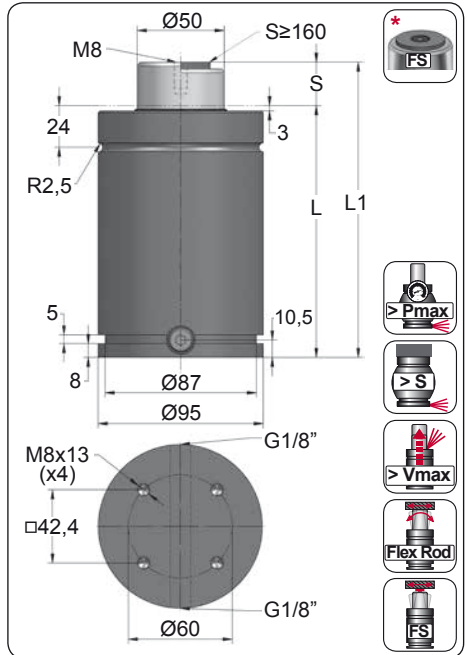
[N <sub>2</sub> Valve]	[Smax Valve]	[Vmax Valve]	[Pmin Gauge]	[Pmax Gauge]	[Tmin Gauge]	[Tmax Gauge]	[CP Valve]
------------------------	--------------	--------------	--------------	--------------	--------------	--------------	------------

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

# AZOL GAS AGB-H 3000

ISO

		RENAULT EM24.54.700
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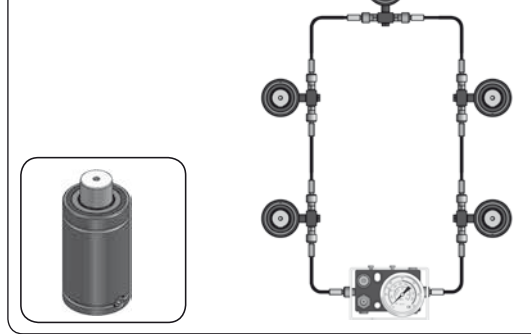


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AGB-H 3000 012	12.7	145.4	132.7	5.50
AGB-H 3000 025	25	170	145	5.80
AGB-H 3000 038	38	196	158	6.26
AGB-H 3000 050	50	220	170	6.80
AGB-H 3000 063	63.5	247	183.5	7.20
AGB-H 3000 080	80	280	200	8.21
AGB-H 3000 100	100	320	220	8.40
AGB-H 3000 125	125	370	245	8.98
AGB-H 3000 160 *	160	440	280	10.08
AGB-H 3000 200 *	200	520	320	11.40
AGB-H 3000 250 *	250	620	370	13.20
AGB-H 3000 300 *	300	720	420	14.25

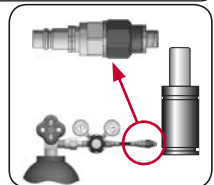
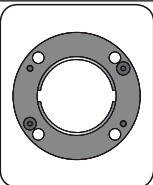
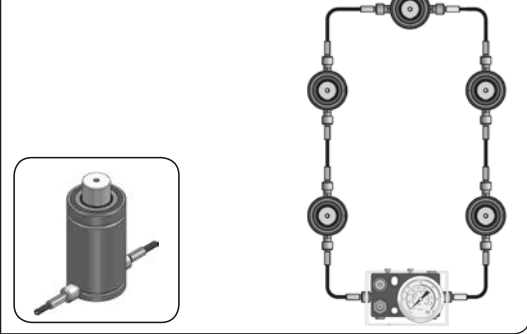


CODE				F <sub>0</sub>	F <sub>1</sub>
		bar	psi		
-----		---	---	---	---
AGB-H 3000 050		0	0	---	---

## AG



## AGB-H



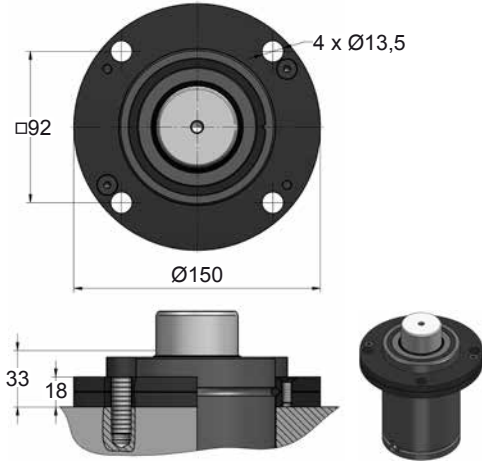
CODE	AG 3000 050 AGB-H 3000 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-095	18 CG 1-Q SKK 12R 1/8
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

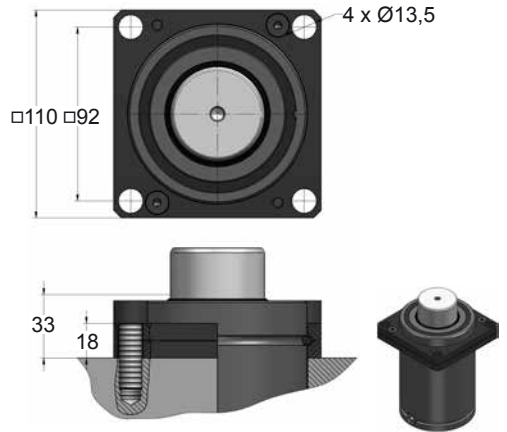
**AZOL  
GAS**

150

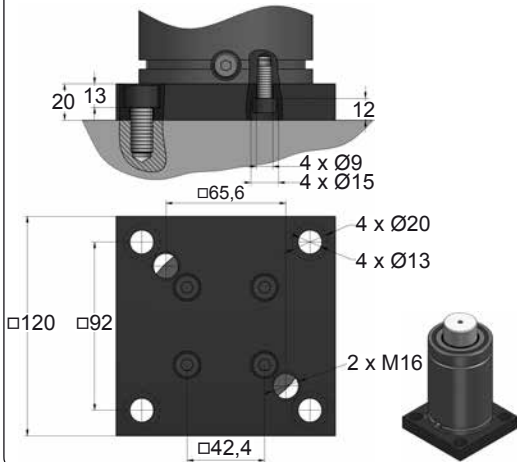
## A14-095



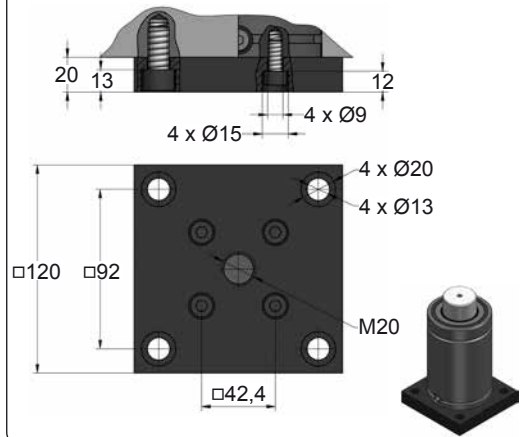
## A34-095



## B21-095

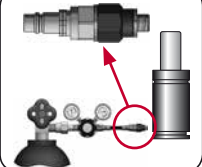
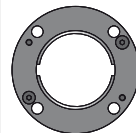


## B76-095



**SEAL  
KIT S-XXXXXXX**

**CARTRIDGE  
KIT C-XXXXXXX**

**CODE****AG 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	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

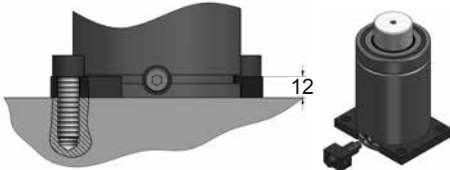
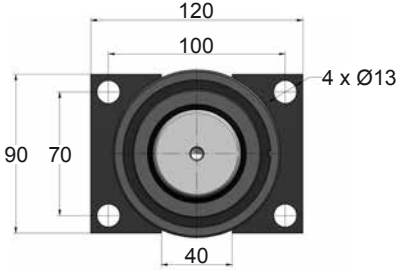




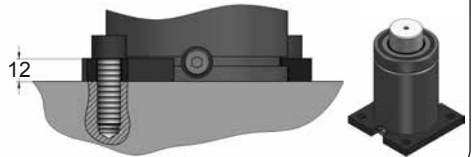
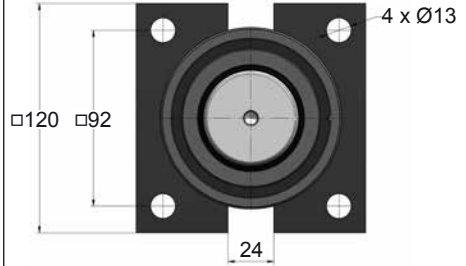
# AG 3000 MOUNTS

ISO

## C05-095

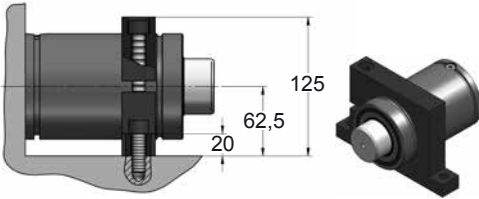
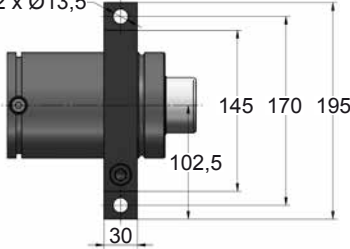


## C20-095

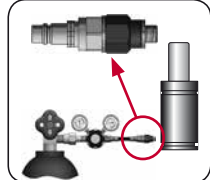
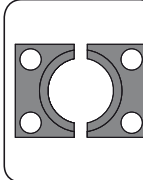
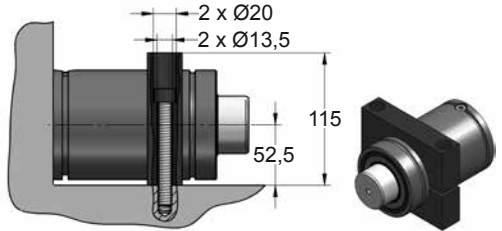
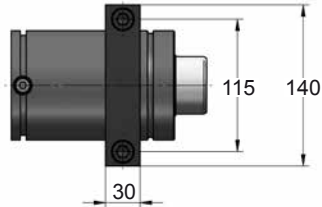


## D02-095

2 x Ø13,5



## D67-095

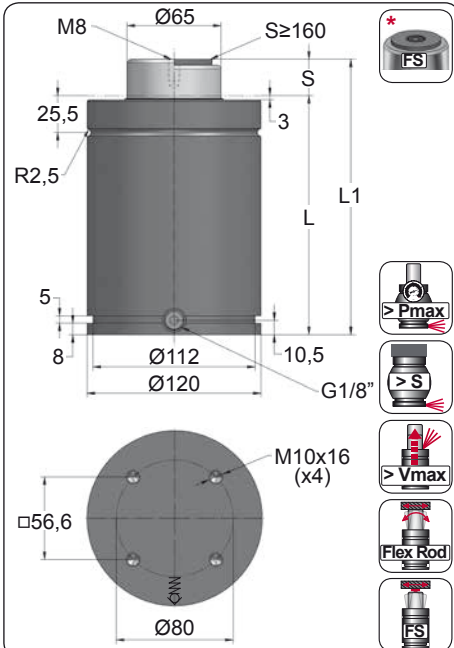


CODE	AG 3000 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

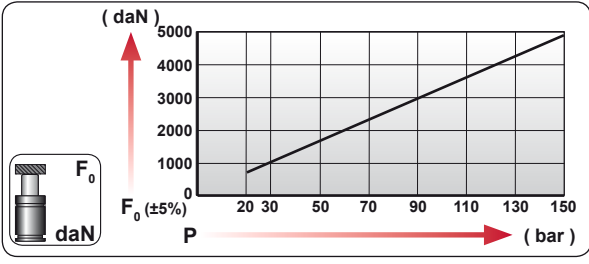
# AG 5000

150

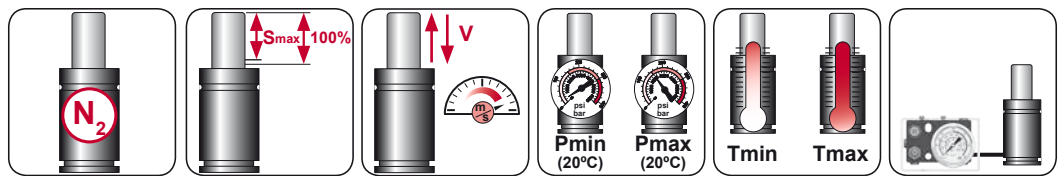
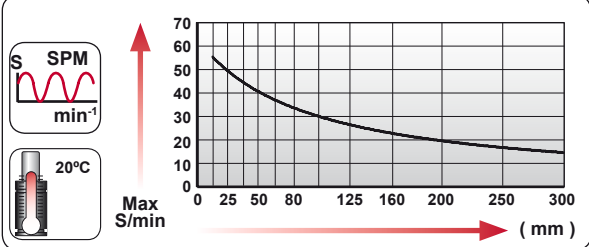
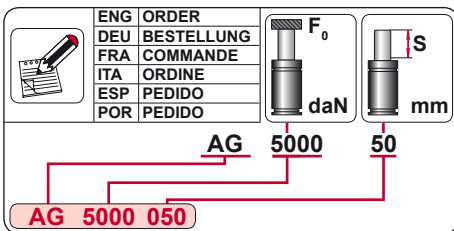
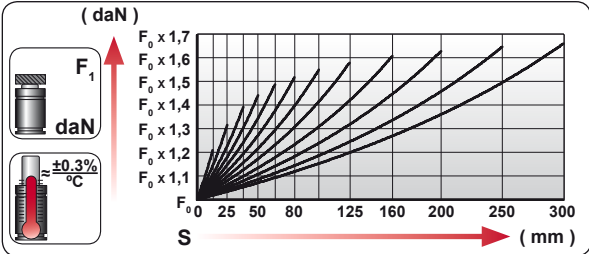
BMW B2 4006	FORD W-DX35-6203	PSA E24.54.815.G
MB B8 3180 220 000 001	GM 90.25	RENAULT EM24.54.700
VW 39D 878		NISSAN K32S0



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AG 5000 012	12.7	165.4	152.7	9.90
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 200 *	200	540	340	17.52
AG 5000 250 *	250	640	390	19.55
AG 5000 300 *	300	740	440	21.59



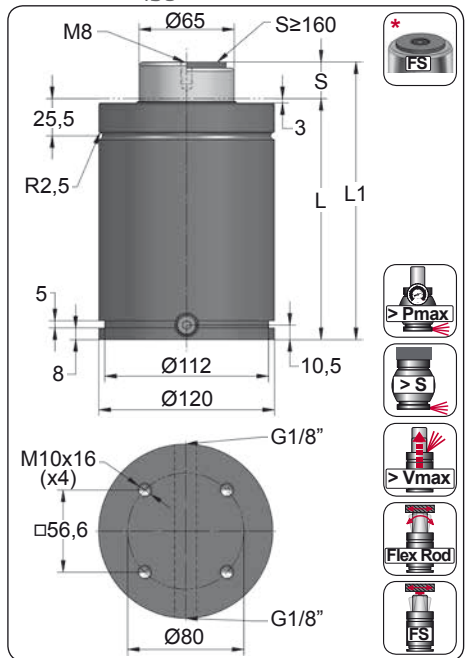
CODE	Pressure (bar/psi)	F <sub>0</sub> (daN)	F <sub>1</sub> (daN)
AG 5000 050	150 / 2175	4980	7170
AG-H 5000 050	0 / 0	---	---



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 2 m/s	bar psi 20 290	bar psi 150 2175	°C °F 0 32	°C °F 80 176	600 CP-
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# AZOL GAS AGB-H 5000

ISO

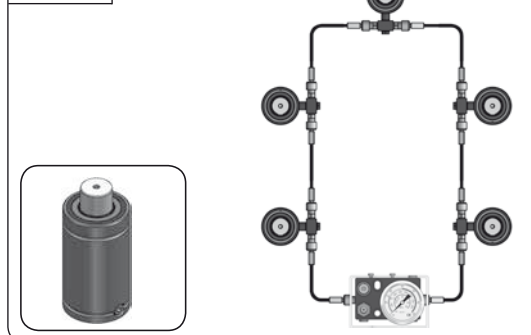


			RENAULT EM24.54.700
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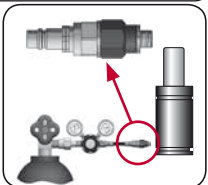
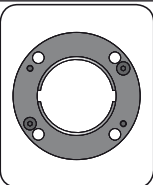
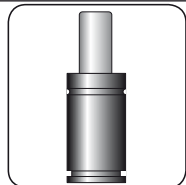
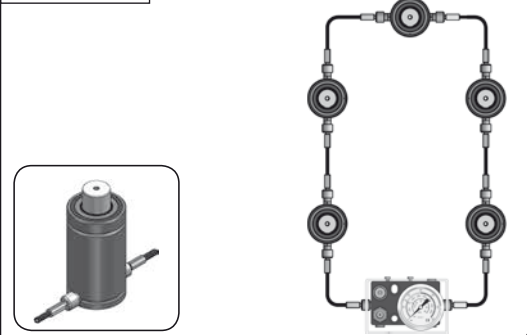
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.	APPROVED PED
AGB-H 5000 012	12.7	165.4	152.7	10.63	
AGB-H 5000 025	25	190	165	11.80	
AGB-H 5000 038	38	216	178	11.95	
AGB-H 5000 050	50	240	190	12.29	
AGB-H 5000 063	63.5	267	203.5	13.01	
AGB-H 5000 080	80	300	220	14.60	
AGB-H 5000 100	100	340	240	15.05	
AGB-H 5000 125	125	390	265	16.40	
AGB-H 5000 160 *	160	460	300	18.20	
AGB-H 5000 200 *	200	540	340	20.00	
AGB-H 5000 250 *	250	640	390	23.40	
AGB-H 5000 300 *	300	740	440	25.00	

CODE			F <sub>0</sub>	F <sub>1</sub>
	bar	psi	daN	daN
-----	---	---	---	---
AGB-H 5000 050	0	0	---	---

## AG



## AGB-H



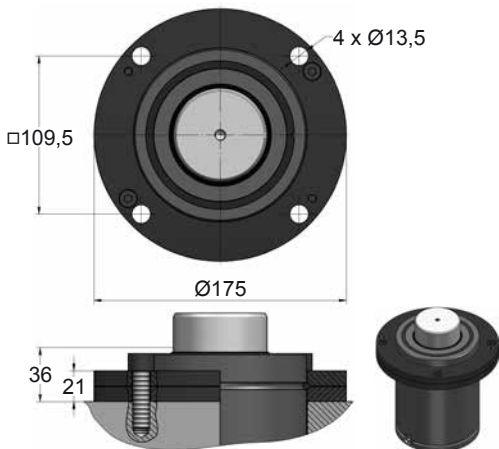
CODE	AG 5000 050 AGB-H 5000 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-120	18 CG 1-Q SKK 12R 1/8
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

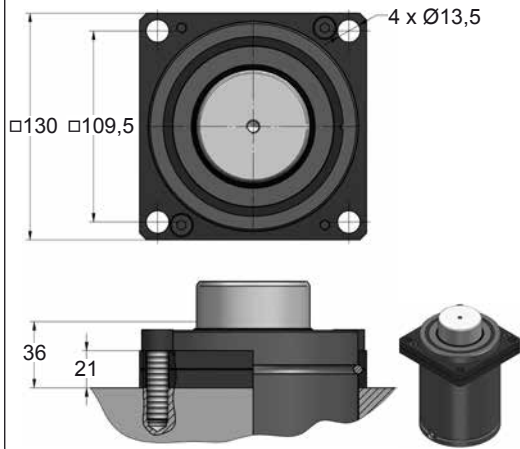
**AZOL**  
**GAS**

ISO

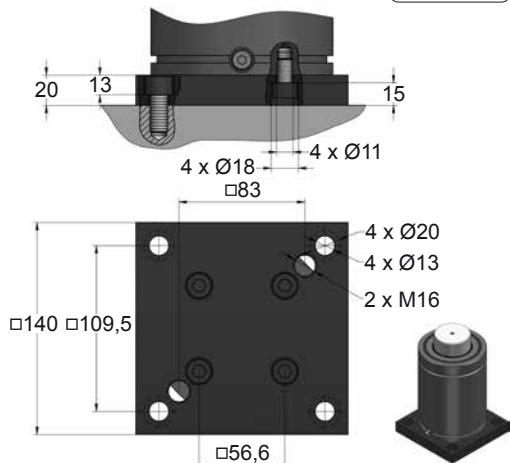
## A14-120



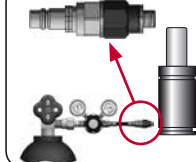
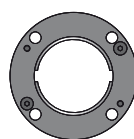
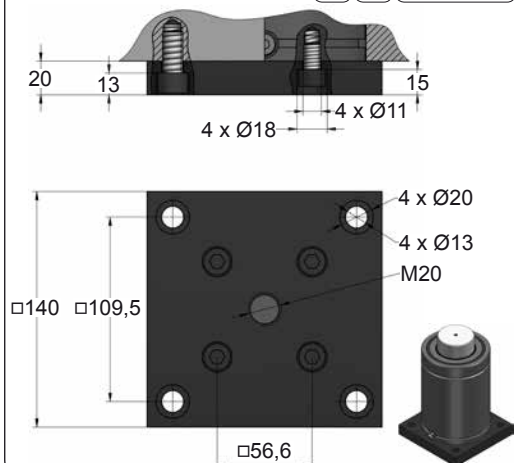
## A34-120



## B21-120



## B76-120



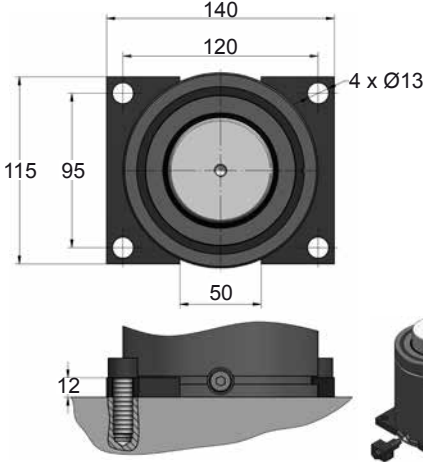
CODE	AG 5000 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-120	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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



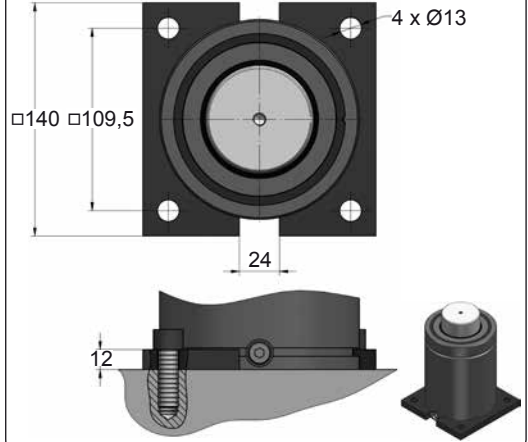
# AG 5000 MOUNTS

ISO

## C05-120

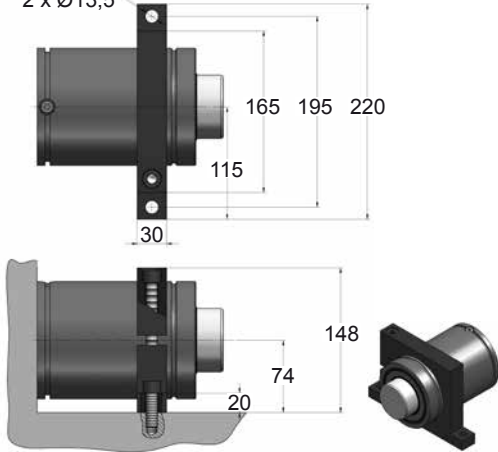


## C20-120

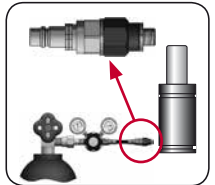
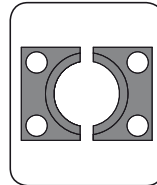
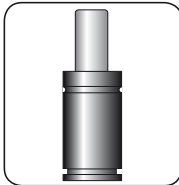
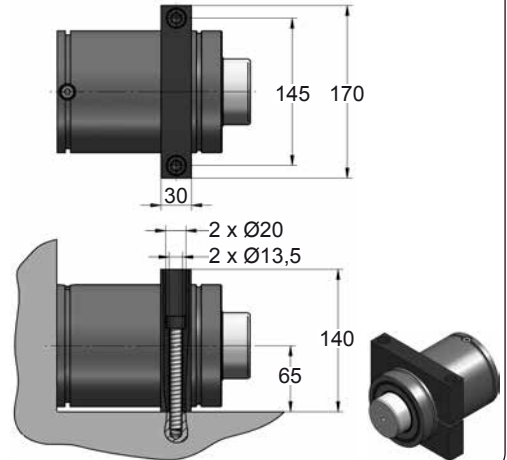


## D02-120

2 x Ø13,5



## D67-120

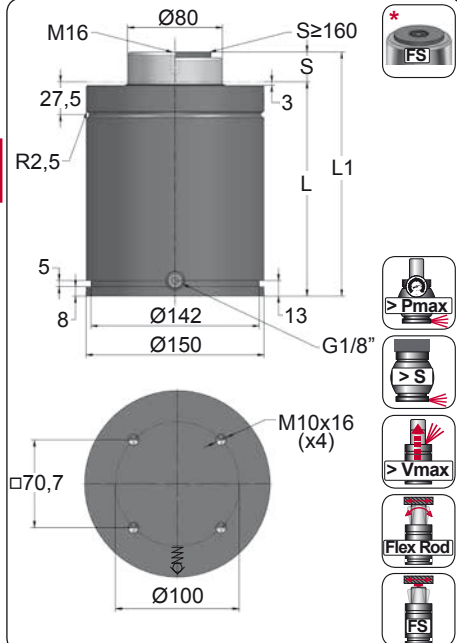


CODE	AG 5000 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-120	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

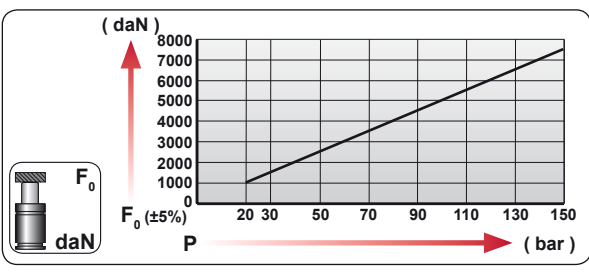
# AG 7500

ISO

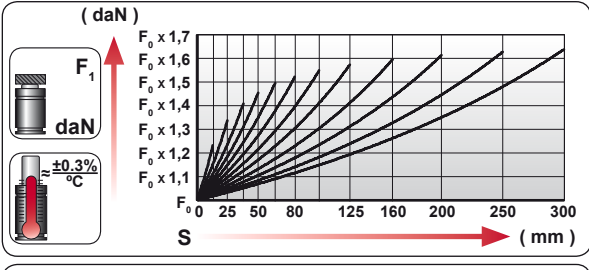
BMW B2 4006	FORD W-DX35-6203	PSA E24.54.815.G
MB B8 3180 220 000 001	GM 90.25	RENAULT EM24.54.700
VW 39D 878		



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AG 7500 012	12.7	180.4	167.7	17.20
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 200 *	200	555	355	29.04
AG 7500 250 *	250	655	405	32.20
AG 7500 300 *	300	755	455	35.36

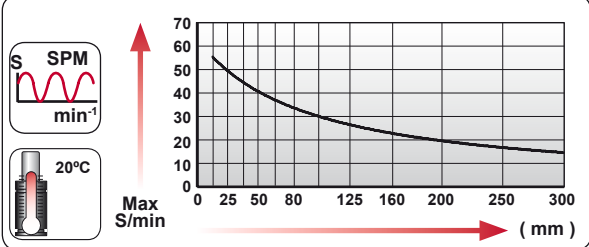


CODE	Pressure (bar/psi)	F <sub>0</sub> (daN)	F <sub>1</sub> (daN)
AG 7500 050	150 / 2175	7540	10960
AG-H 7500 050	0 / 0	---	---



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

AG 7500 50  
 AG 7500 050

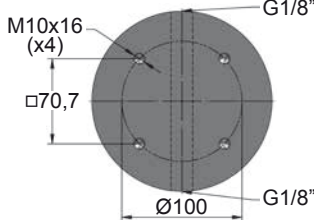
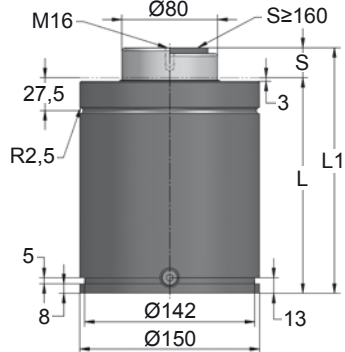


N<sub>2</sub>      S<sub>max</sub> < 90%      V<sub>max</sub> 2 m/s      Pmin (20°C) Pmax (20°C)      Tmin Tmax      600 CP-

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 2 m/s	bar psi 20 290	bar psi 150 2175	°C °F 0 32	°C °F 80 176	600 CP-
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# AZOL GAS AGB-H 7500

ISO



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AGB-H 7500 012	12.7	180.4	167.7	18.70
AGB-H 7500 025	25	205	180	19.39
AGB-H 7500 038	38	231	193	20.40
AGB-H 7500 050	50	255	205	21.50
AGB-H 7500 063	63.5	282	218.5	22.20
AGB-H 7500 080	80	315	235	23.50
AGB-H 7500 100	100	355	255	26.00
AGB-H 7500 125	125	405	280	27.00
AGB-H 7500 160 *	160	475	315	32.20
AGB-H 7500 200 *	200	555	355	34.20
AGB-H 7500 250 *	250	655	405	38.20
AGB-H 7500 300 *	300	755	455	43.00

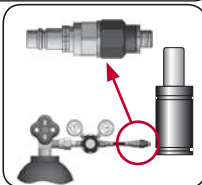
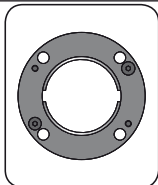
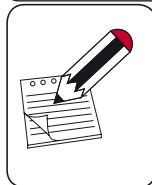
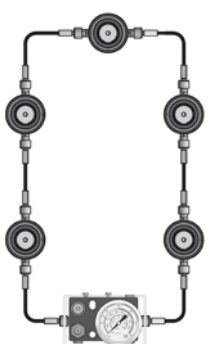


CODE				F <sub>0</sub> daN	F <sub>1</sub> daN
		bar	psi		
-----		---	---	---	---
AGB-H 7500 050		0	0	---	---

## AG



## AGB-H



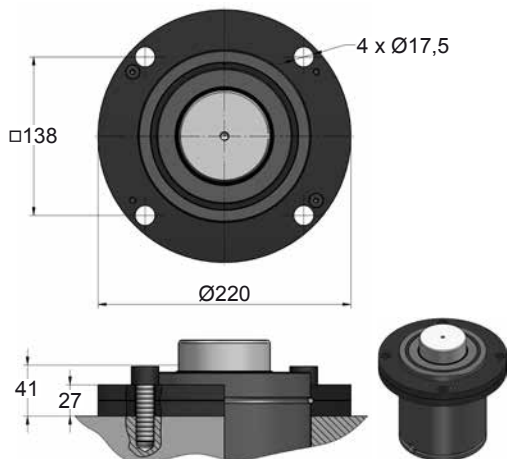
CODE	AG 7500 050 AGB-H 7500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-150	18 CG 1-Q SKK 12R 1/8
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

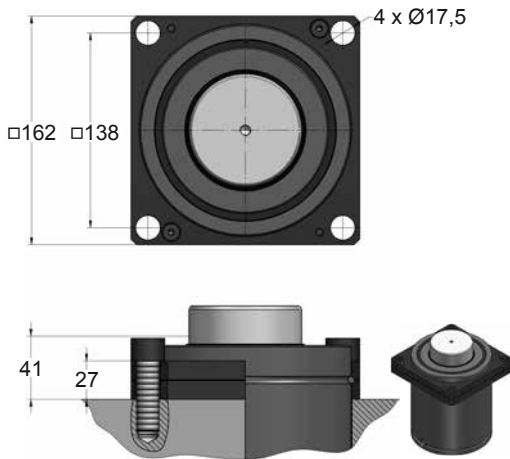
**AZOL**  
**GAS**

150

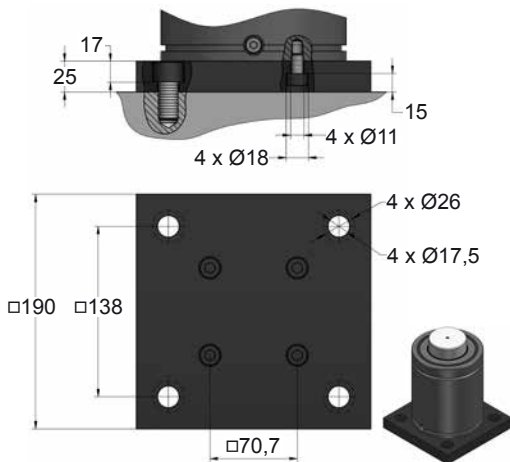
## A14-150



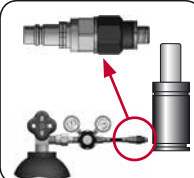
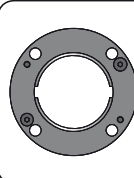
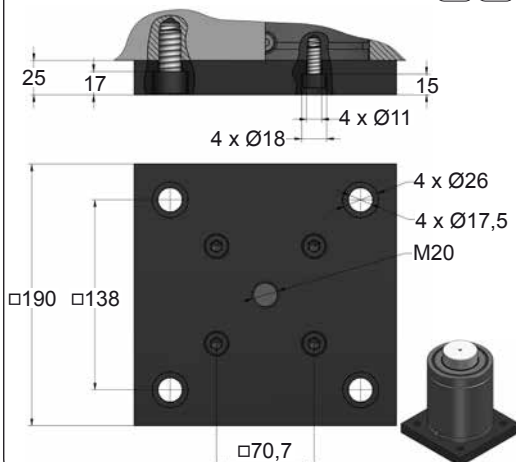
## A34-150



## B21-150



## B76-150

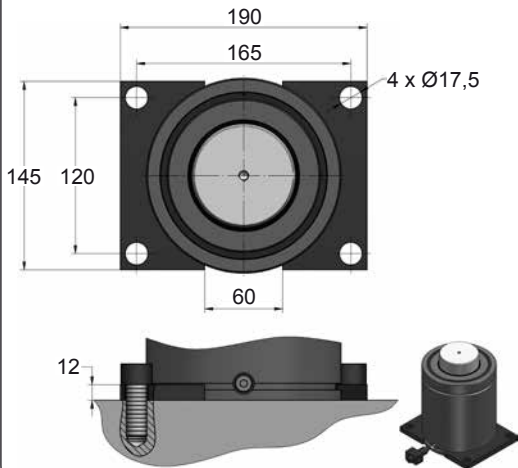


CODE	AG 7500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-150	18 CG 1-Q	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

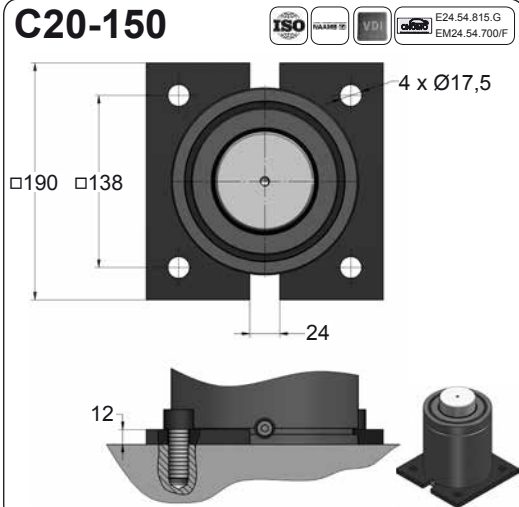


ISO

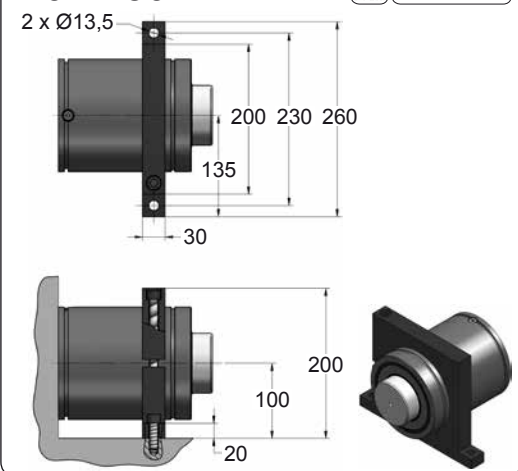
## C05-150



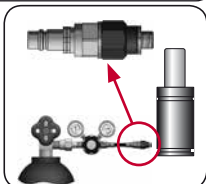
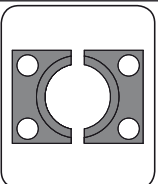
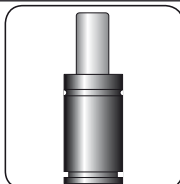
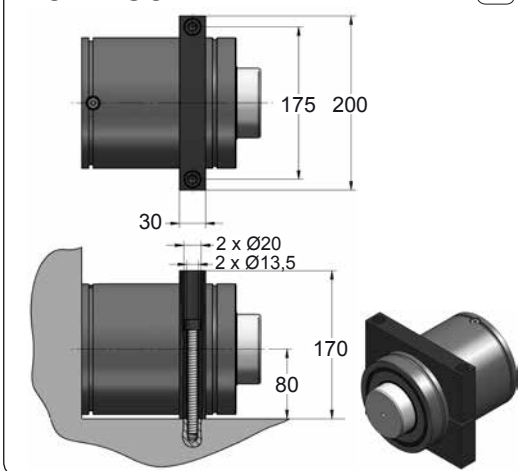
## C20-150



## D02-150



## D67-150

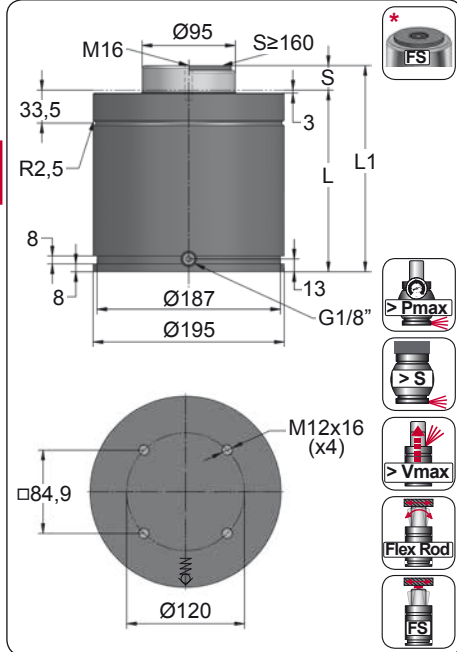


CODE	AG 7500 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-150	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GAASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

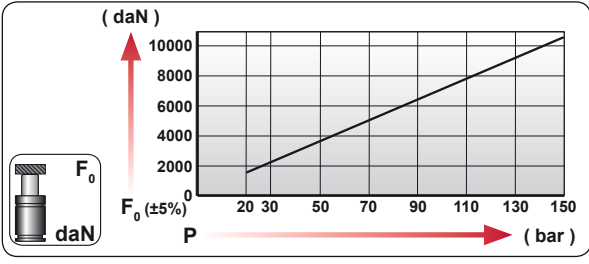
# AG 10000

ISO

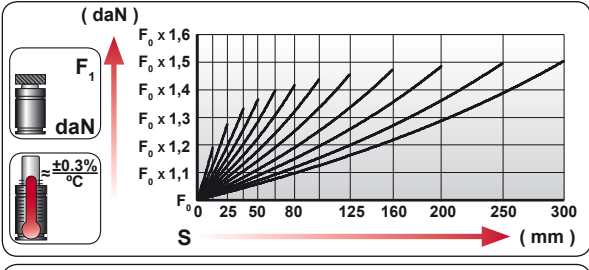
	GM	90.25	RENAULT	EM24.54.700
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ORDER	S (mm)	L1 ±0.25 (mm)	L (mm)	Kg.
AG 10000 012	12.7	185.4	172.7	31.28
AG 10000 025	25	210	185	32.54
AG 10000 038	38	236	198	33.86
AG 10000 050	50	260	210	35.09
AG 10000 063	63.5	287	223.5	36.46
AG 10000 080	80	320	240	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



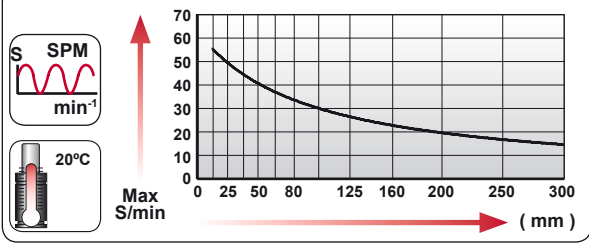
CODE	Pressure (bar/psi)	F <sub>0</sub> (daN)	F <sub>1</sub> (daN)
AG 10000 050	145 / 2105	10280	14035
AG-H 10000 050	0 / 0	---	---



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

F<sub>0</sub> daN  
 S mm

**AG 10000 50**  
**AG 10000 050**

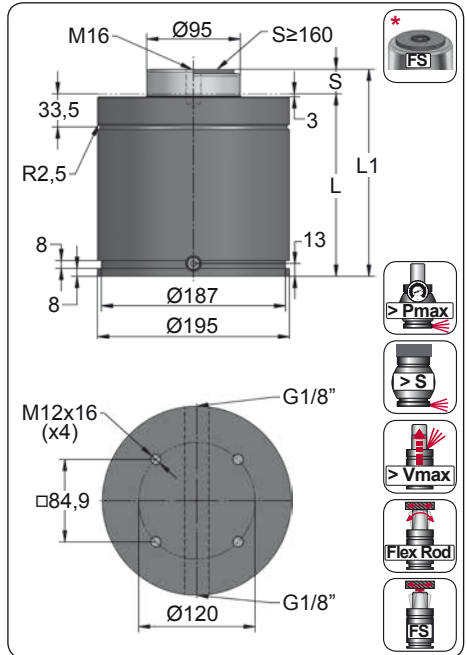


N<sub>2</sub>      S<sub>max</sub> < 90%      V<sub>max</sub> 2 m/s      Pmin (20°C)      Pmax (20°C)      Tmin      Tmax

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 2 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

# AZOL GAS AGB-H 10000

ISO

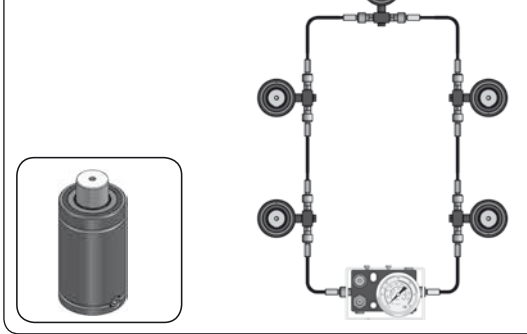


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
AGB-H 10000 012	12.7	185.4	172.7	32.77
AGB-H 10000 025	25	210	185	34.40
AGB-H 10000 038	38	236	198	36.12
AGB-H 10000 050	50	260	210	37.71
AGB-H 10000 063	63.5	287	223.5	39.49
AGB-H 10000 080	80	320	240	41.67
AGB-H 10000 100	100	360	260	44.32
AGB-H 10000 125	125	410	285	47.63
AGB-H 10000 160 *	160	480	320	52.25
AGB-H 10000 200 *	200	560	360	57.54
AGB-H 10000 250 *	250	660	410	64.16
AGB-H 10000 300 *	300	760	460	70.77

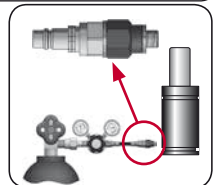
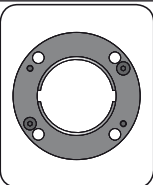
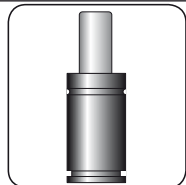
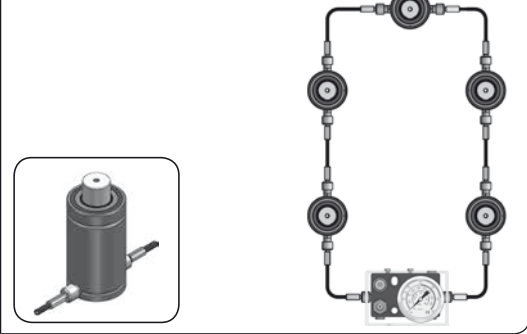


CODE			F <sub>0</sub>	F <sub>1</sub>
	bar	psi	daN	daN
-----	---	---	---	---
AGB-H 10000 050	0	0	---	---

## AG



## AGB-H



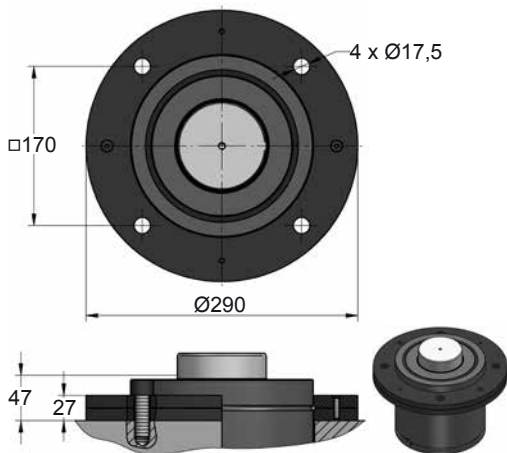
CODE	AG 10000 050 AGB-H 10000 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-195	18 CG 1-Q SKK 12R 1/8
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

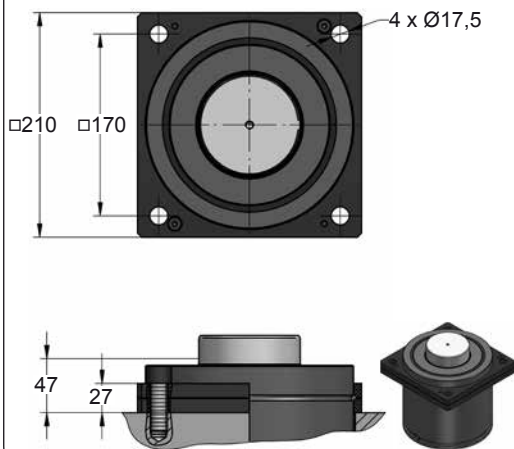
ISO

**AZOL  
GAS**

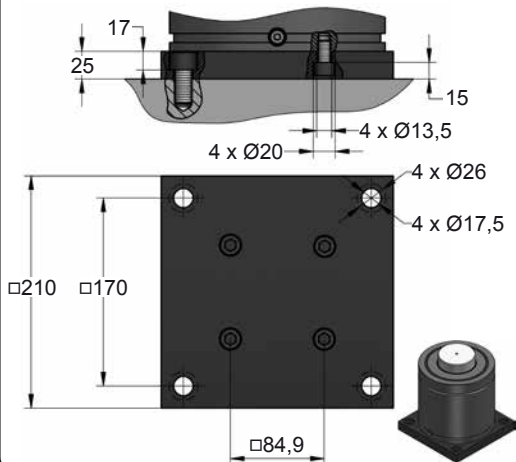

## A14-195



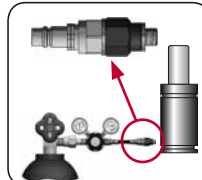
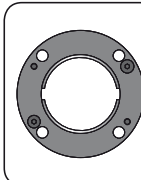
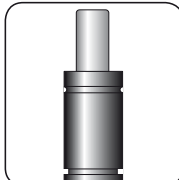
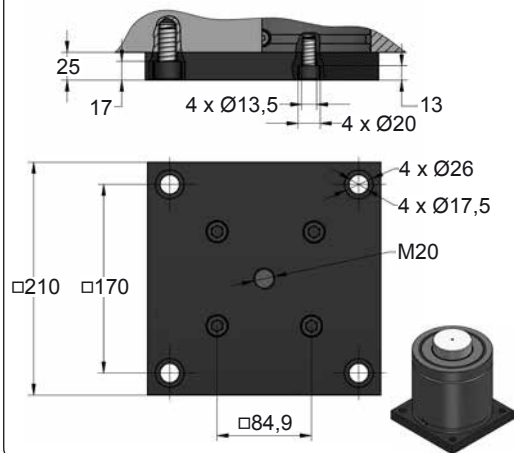
## A34-195



## B21-195



## B76-195



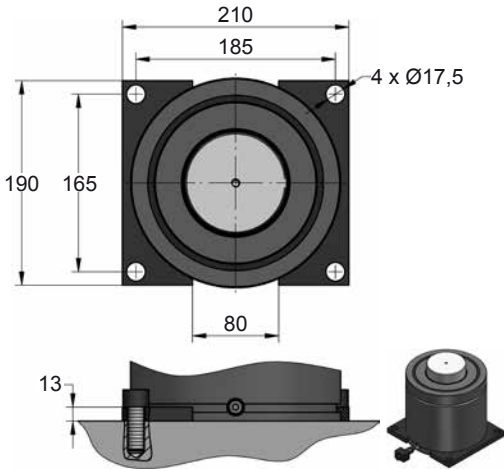
CODE	AG 10000 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-195	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

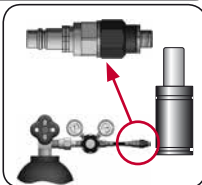
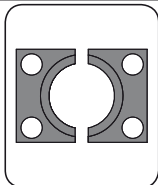
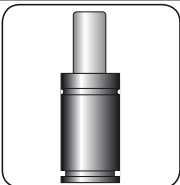
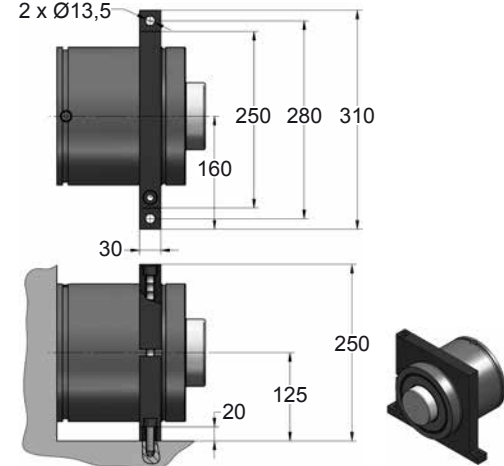
## C05-195



## C20-195



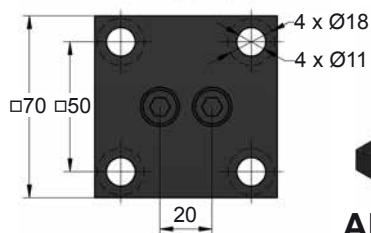
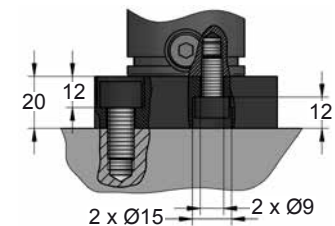
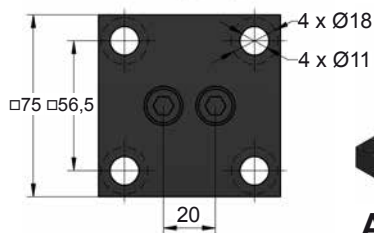
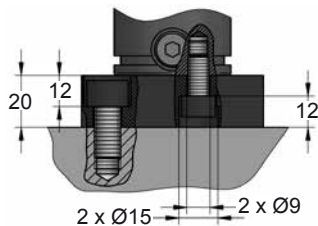
## D02-195




CODE	AG 10000 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-195	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

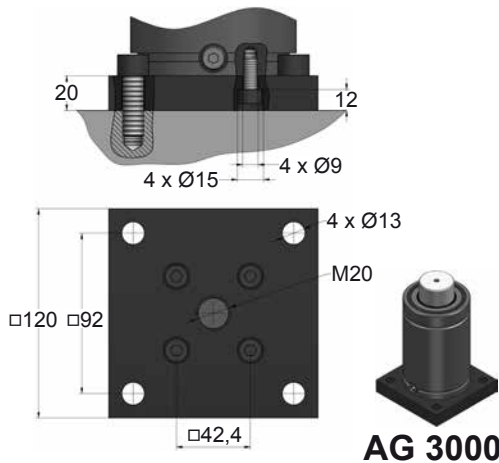
**MOUNTS**

150


**AZOL  
GAS** **B51-045****APF 500****B51-050****AG 750**

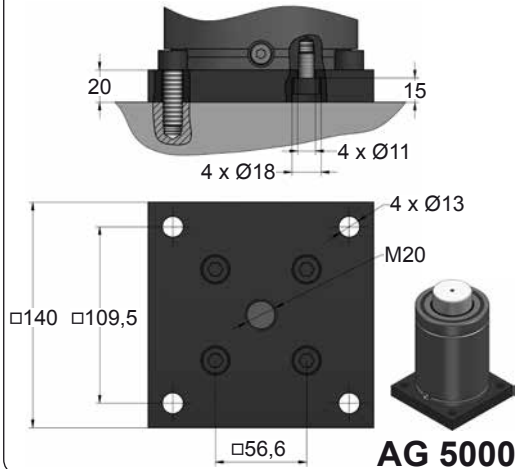
## B16-095

 E24.54.815.G




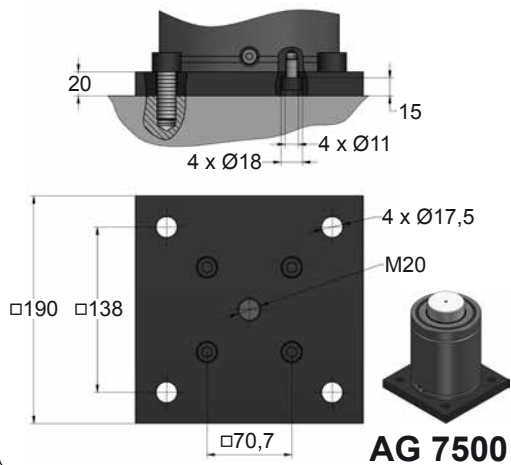
## B16-120

 E24.54.815.G



## B16-150

 E24.54.815.G





















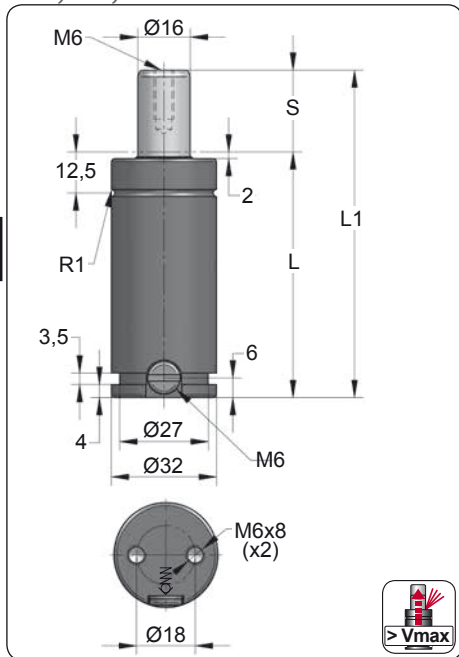
# CD HEAVY DUTY LARGE

MODEL	F <sub>0</sub>	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"	✓	✓

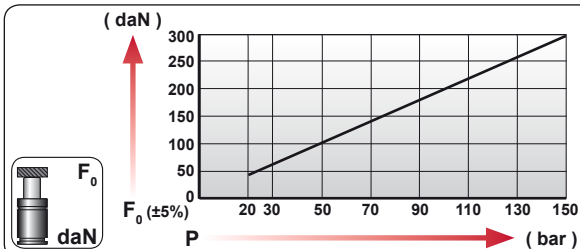
	50	50	50	50	50	50	50	50
	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50
	L1=138 L1=152	L1=138	L1=138 L1=150 L1=150	L1=170 L1=185 L1=195	L1=195	L1=165 L1=175	L1=220	
	1000 1000	1000	1000 1000 750	750 1000 1000	750	1700 2000	1800	
MODEL	✗	CW 1000 KZ 1000	AS 1000	CT 1000 CK 1000 FD 750	GN 750 CM 1000 CD 1000	AG 750	CPH 1700 CP 2000	CS 1800
SERIES	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

# CD 300 V1

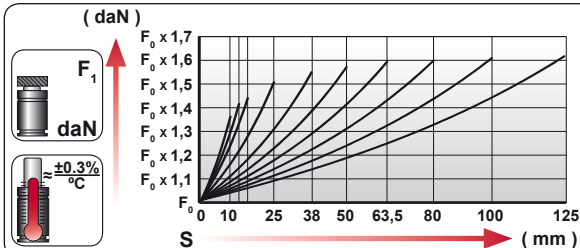
Heavy Duty



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



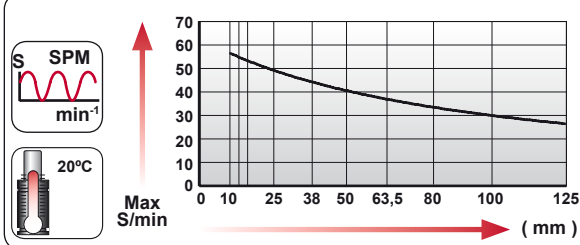
CODE					
		bar	psi		
CD 300 050 V1		150	2175	300	470
CD-H 300 050 V1		0	0	---	---



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

**F<sub>0</sub>** daN  
**S** mm

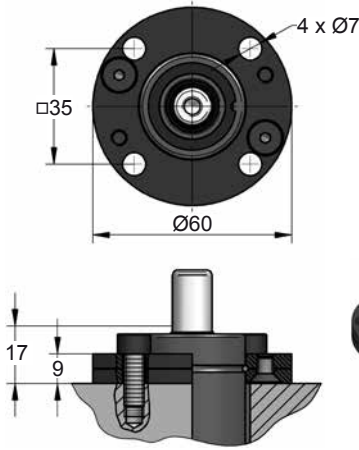
**CD 300 50**  
**CD 300 050 V1**



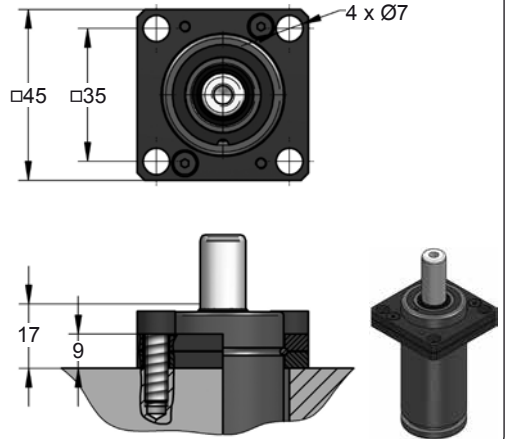
	<b>S<sub>max</sub> &lt; 90%</b>	<b>V<sub>max</sub> 1,6 m/s</b>	<b>P<sub>min</sub> (20°C)</b>	<b>P<sub>max</sub> (20°C)</b>	<b>T<sub>min</sub></b>	<b>T<sub>max</sub></b>	
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N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

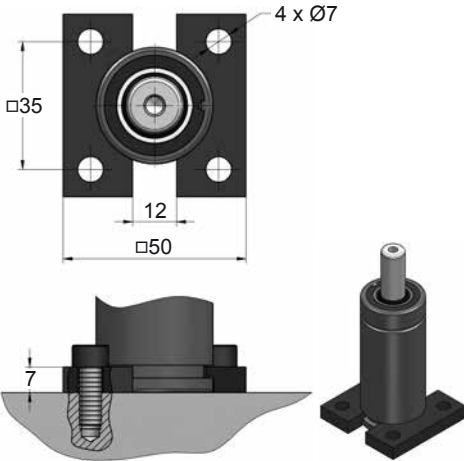
## A14-032



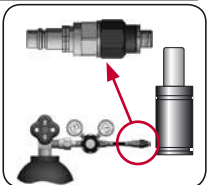
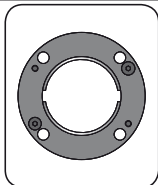
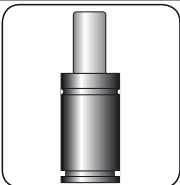
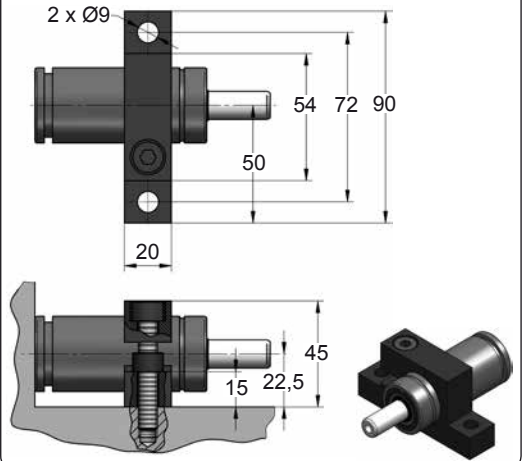
## A34-032



## C20-032



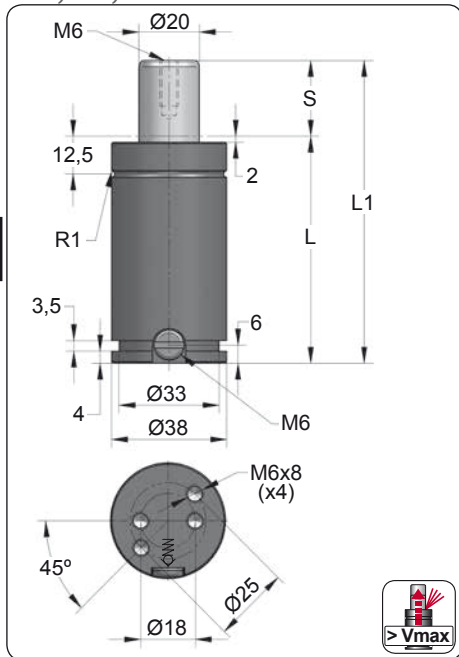
## D02-032



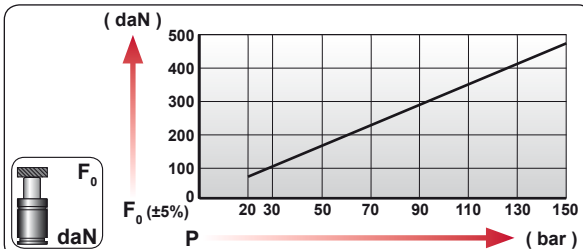
CODE	CD 300 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-032	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

# CD 500 V1

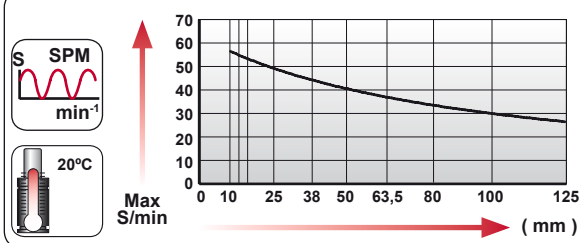
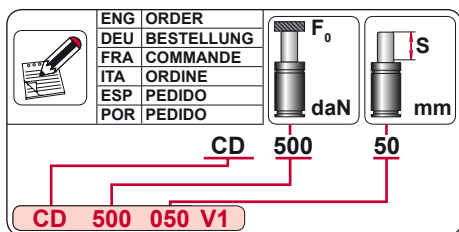
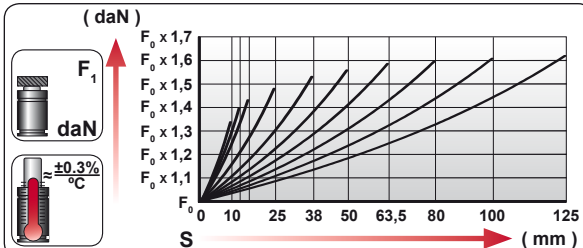
Heavy Duty



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		Pressure		Force	
		bar	psi	daN	daN
CD 500 050 V1		150	1885	470	730
CD-H 500 050 V1		0	0	---	---



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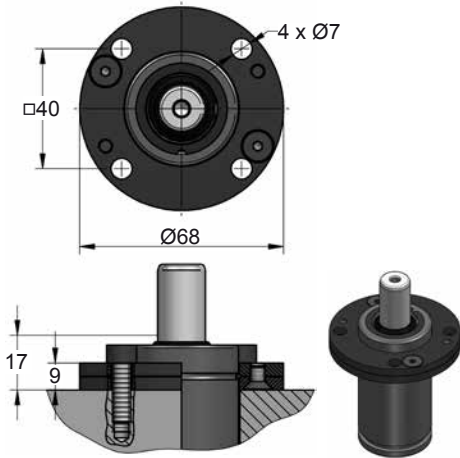
N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi 20 290	bar psi 150 2175	°C °F 0 32	°C °F 80 176	600 CP-
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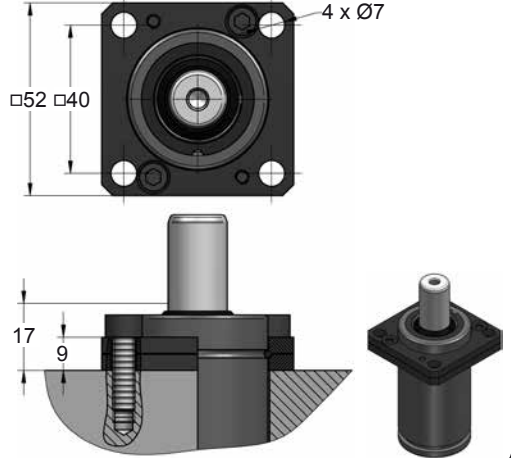
# CD 500 V1 MOUNTS

Heavy Duty

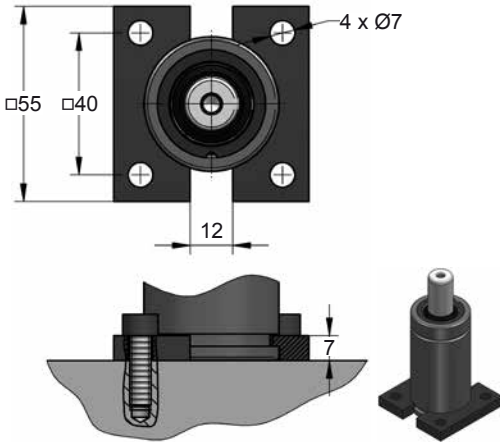
## A14-038



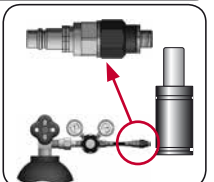
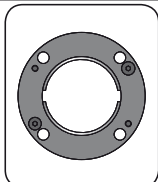
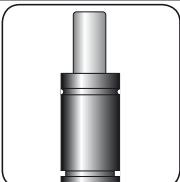
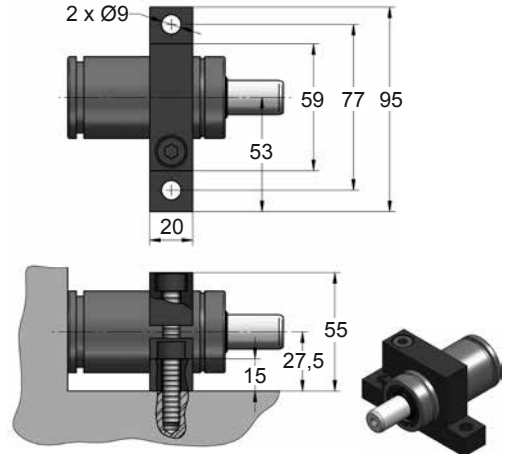
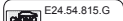
## A34-038



## C20-038



## D02-038

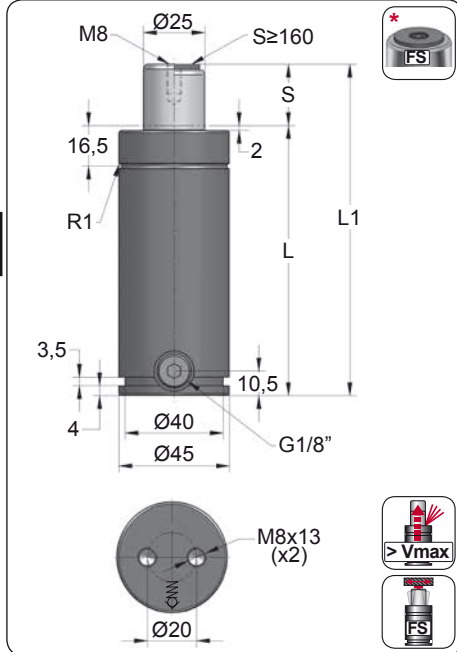


CODE	CD 500 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-038	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

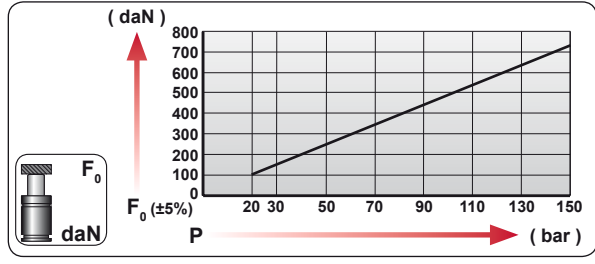
# CD 700

Heavy Duty

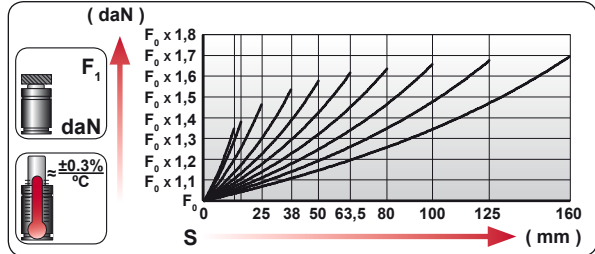


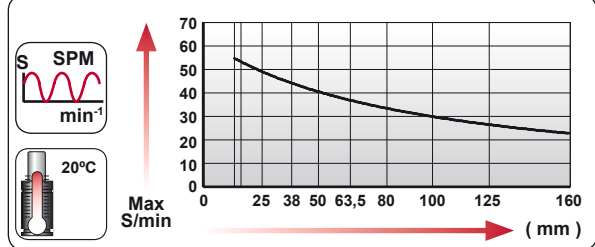
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CD 700 012	12.7	110.4	97.7	0.90
CD 700 016	16	117	101	0.92
CD 700 025	25	135	110	0.98
CD 700 038	38	161	123	1.06
CD 700 050	50	185	135	1.13
CD 700 063	63.5	212	148.5	1.22
CD 700 080	80	245	165	1.32
CD 700 100	100	285	185	1.44
CD 700 125	125	335	210	1.60
CD 700 160 *	160	405	245	1.82



CODE					
		bar	psi		
CD 700 050		140	2030	690	1090
CD-H 700 050		0	0	---	---



ENG	ORDER		
DEU	BESTELLUNG		
FRA	COMMANDE	daN	mm
ITA	ORDINE		
ESP	PEDIDO		
POR	PEDIDO		
	CD 700	50	
	CD 700 050		



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N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

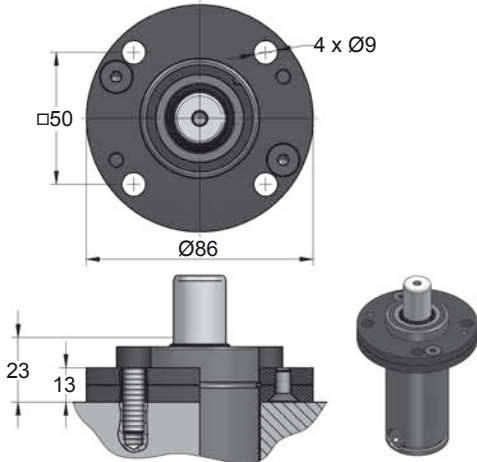


# CD 700 MOUNTS

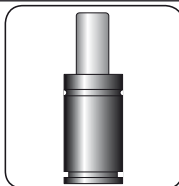
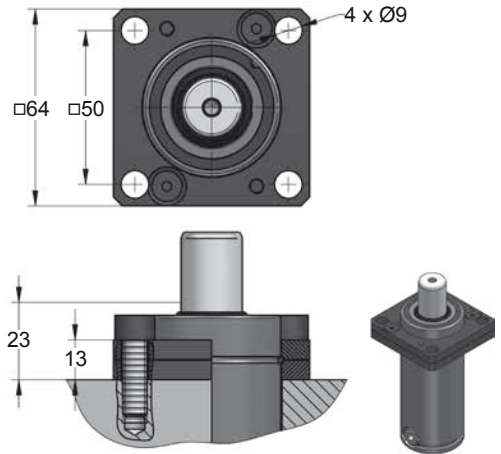
Heavy Duty

  		 $\varnothing 45$ L1=132 L1=147	 $\varnothing 45$ L1=132	 $\varnothing 45$ L1=150 L1=150	 $\varnothing 45$ L1=160 L1=185	 $\varnothing 45$ L1=185	 $\varnothing 45$ L1=160	
MODEL	✗	CW 750 KZ 750	AS 700	CK 750 FD 500	CM 600 CD 700	APF 500	CPH 1250	✗
SERIES	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

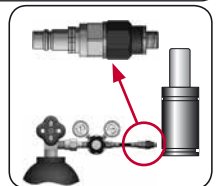
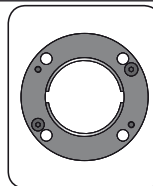
## A14-045



## A34-045



SEAL KIT S-XXXXXXX  
 CARTRIDGE KIT C-XXXXXXX



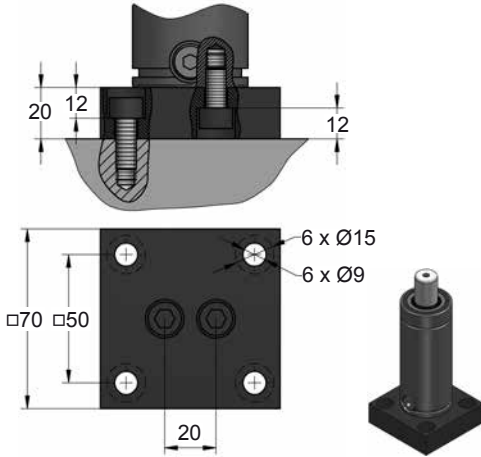
CODE	CD 700 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-045	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

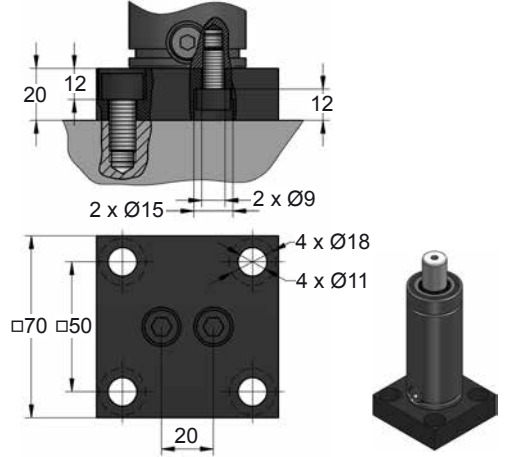
Heavy Duty

**AZOL**  
**GAS**

## B21-045



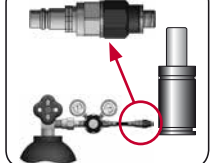
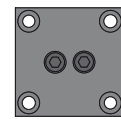
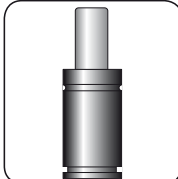
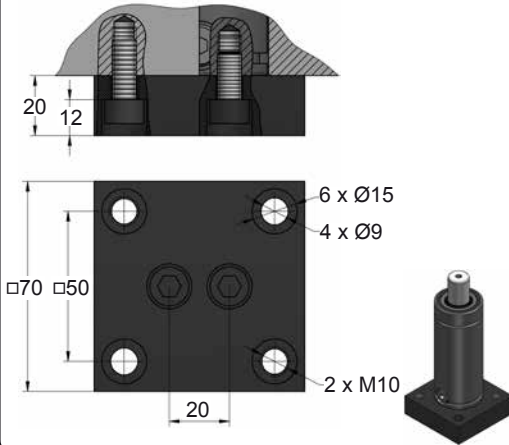
## B51-045



## B76-045



E24.54.815.G



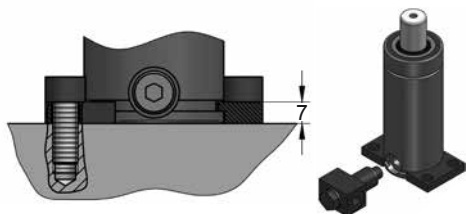
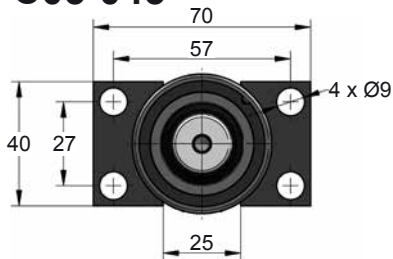
CODE	CD 700 050	KIT S-XXXXXXX KIT C-XXXXXXX	B21-045	18 CG 1-Q
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCH	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA	ADAPTADOR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



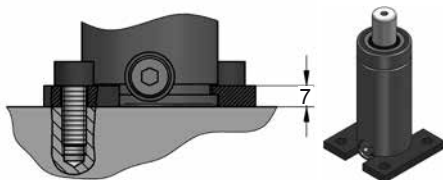
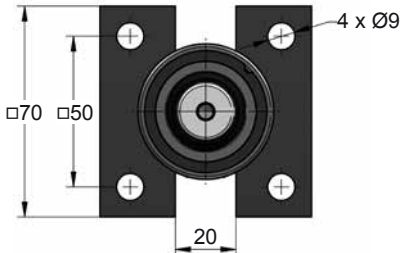


E24.54.815.G  
EM24.54.700/F

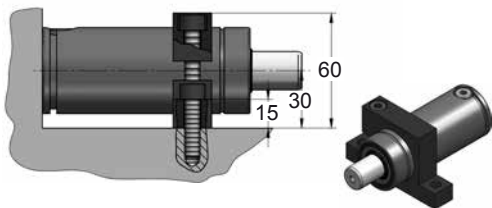
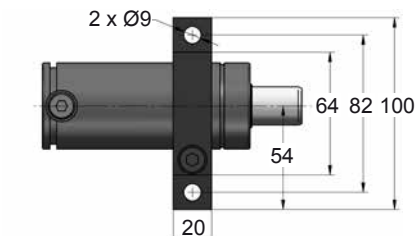
## C05-045



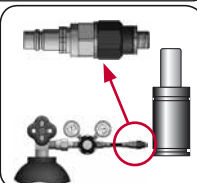
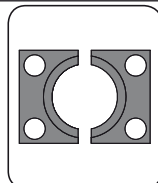
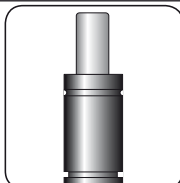
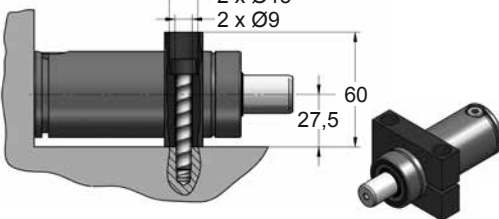
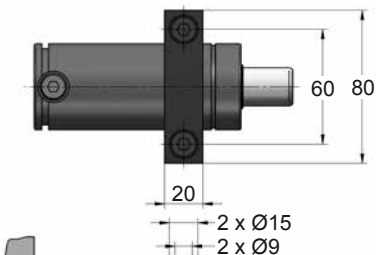
## C20-045



## D02-045



## D67-045

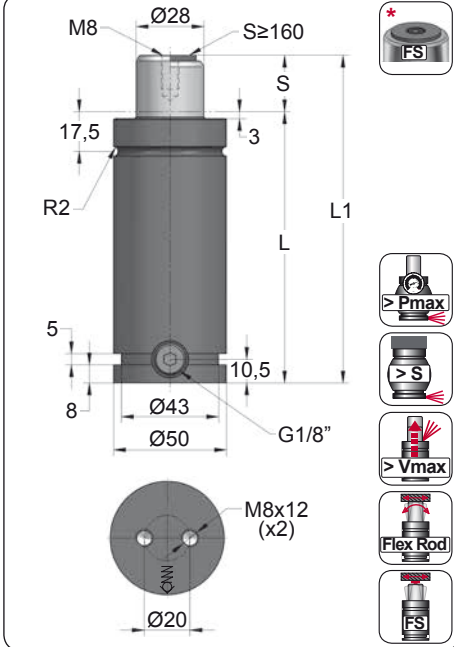


CODE	CD 700 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-045	18 CG 1-Q	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

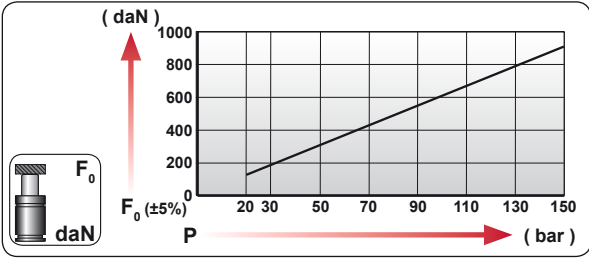
# CD 1000 V1

Heavy Duty

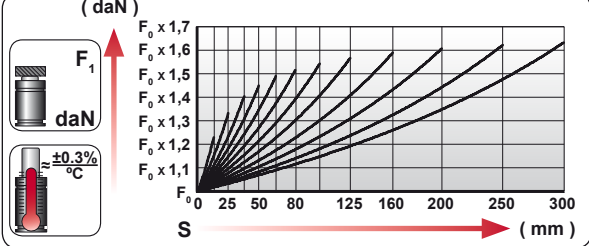


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CD 1000 013 V1	13	121	108	1.26
CD 1000 025 V1	25	145	120	1.36
CD 1000 038 V1	38	171	133	1.47
CD 1000 050 V1	50	195	145	1.57
CD 1000 063 V1	63.5	222	158.5	1.69
CD 1000 080 V1	80	255	175	1.83
CD 1000 100 V1	100	295	195	1.99
CD 1000 125 V1	125	345	220	2.20
CD 1000 160 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



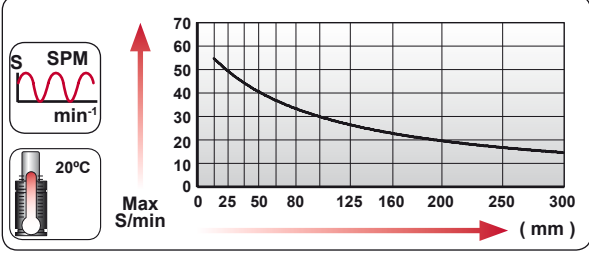
CODE	Pressure (bar)	Pressure (psi)	Force (daN)	Force (daN)
CD 1000 050 V1	150	2175	925	1340
CD-H 1000 050 V1	0	0	---	---



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

F<sub>0</sub> daN  
 S mm

**CD 1000 50**  
**CD 1000 050 V1**



N<sub>2</sub>
 S<sub>max</sub> < 90%
 V<sub>max</sub> 1,6 m/s
 P<sub>min</sub> (20°C)
 P<sub>max</sub> (20°C)
 T<sub>min</sub>
 T<sub>max</sub>
 600 CP-

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176		

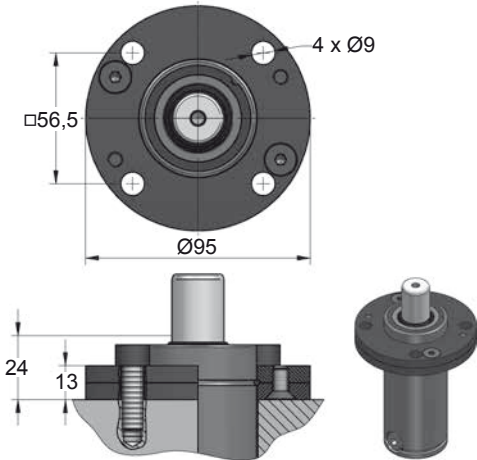


# CD 1000 V1 MOUNTS

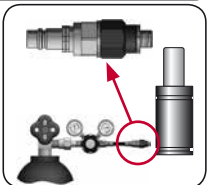
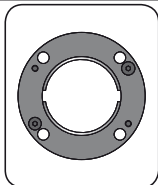
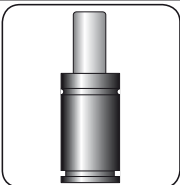
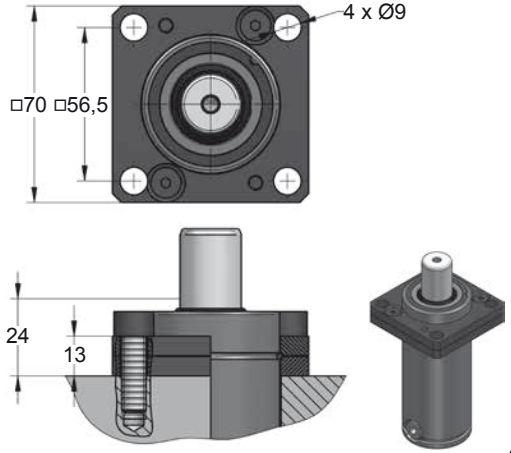
Heavy Duty

<b>MODEL</b>	<b>X</b>	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
<b>SERIES</b>	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE

## A14-050



## A34-050



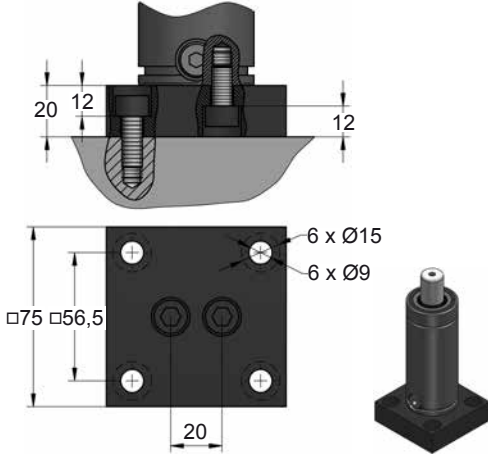
<b>CODE</b>	<b>CD 1000 050 V1</b>	<b>KIT S-XXXXXXX KIT C-XXXXXXX</b>	<b>A14-050</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

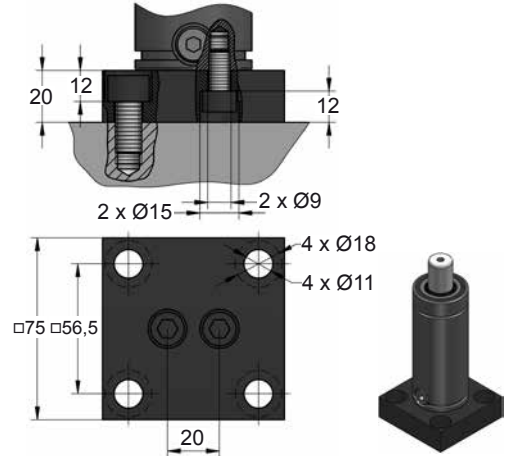
Heavy Duty

**AZOL**  
**GAS**

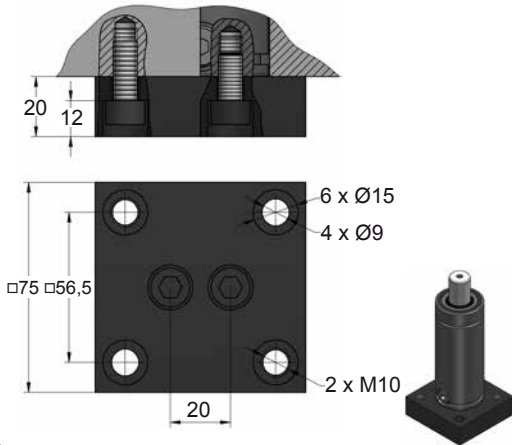
## B21-050



## B51-050

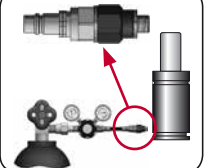
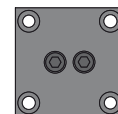


## B76-050



**SEAL**  
**KIT S-XXXXXXX**

**CARTRIDGE**  
**KIT C-XXXXXXX**



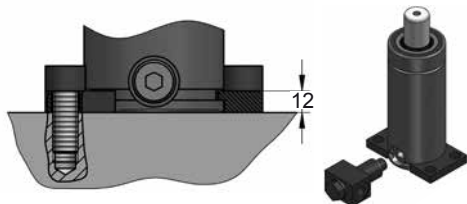
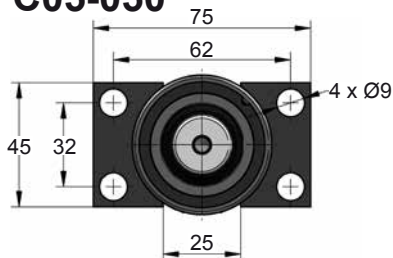
CODE	CD 1000 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	B21-050	18 CG 1-Q
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION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



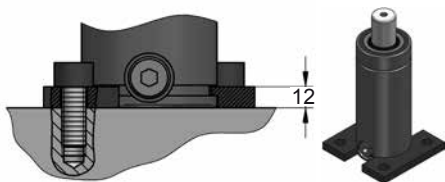
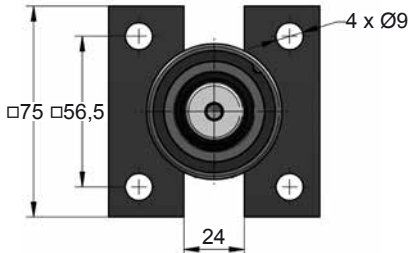
# CD 1000 V1 MOUNTS

Heavy Duty

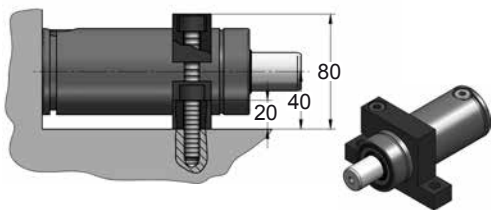
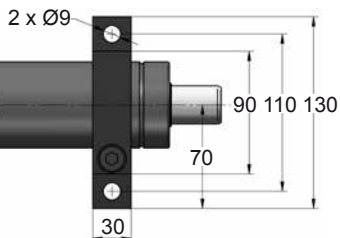
## C05-050



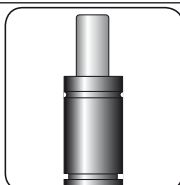
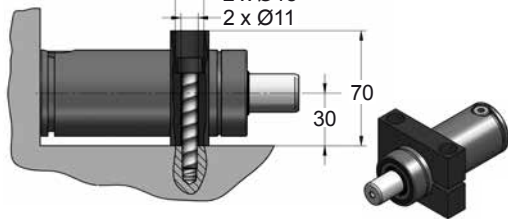
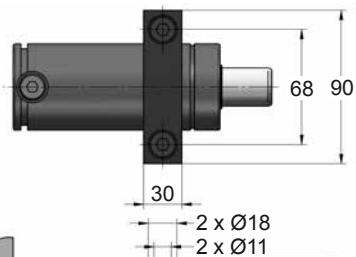
## C20-050



## D02-050



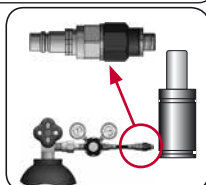
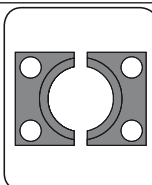
## D67-050



SEAL KIT S-XXXXXXX



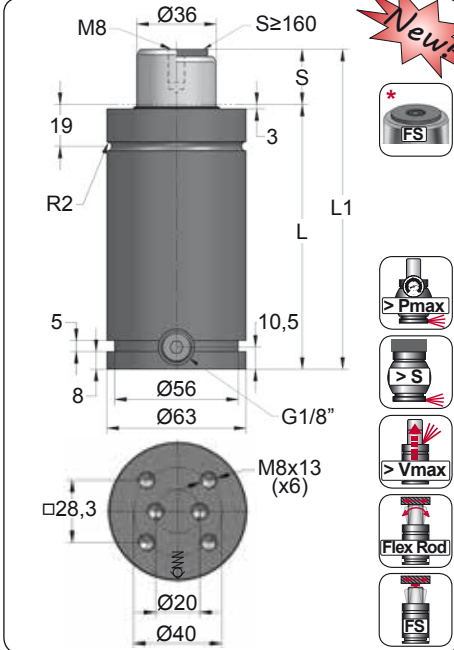
CARTRIDGE KIT C-XXXXXXX



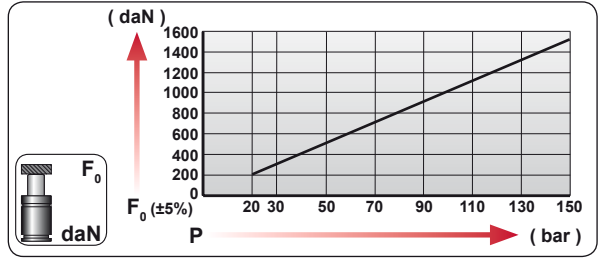
CODE	CD 1000 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	C05-050	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

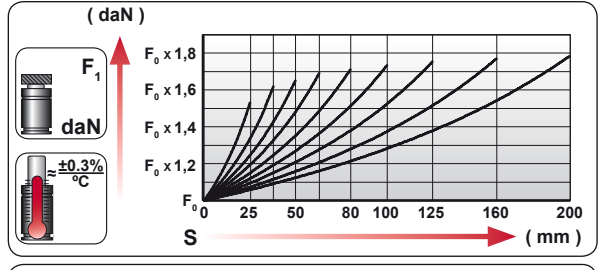
Heavy Duty



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



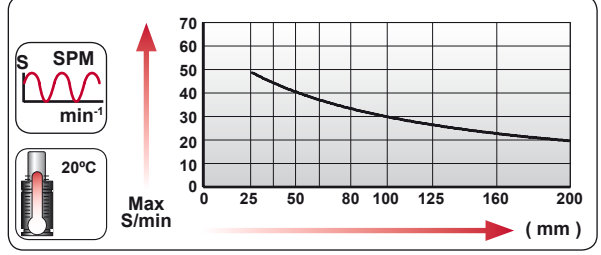
CODE		Pressure		Force	
		bar	psi	daN	daN
CD 1500 050 V2		150	2175	1530	2525
CD-H 1500 050 V2		0	0	---	---



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

**CD 1500 50**

**CD 1500 050 V2**



N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

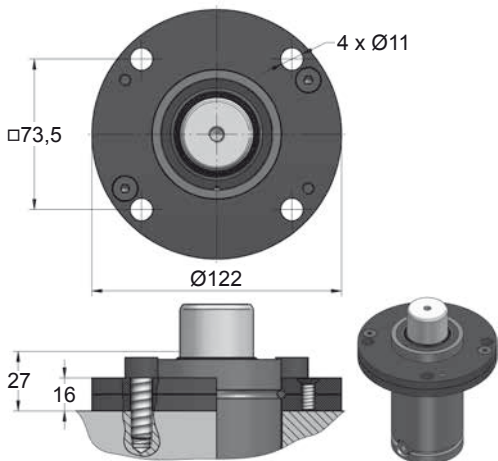


# CD 1500 V2 MOUNTS

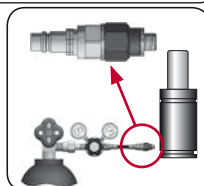
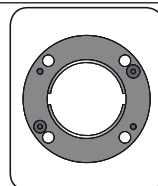
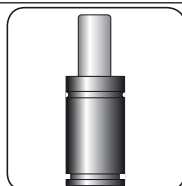
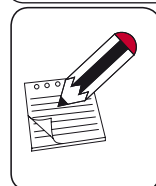
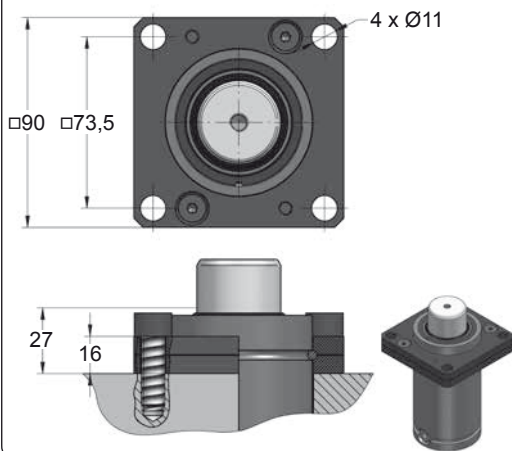
Heavy Duty

<b>MODEL</b>	✗ CW 1500 KZ 1500	✗ CT 1500 CK 1500	CM 1500 CD 1500	✗ CPH 2800 CP 3000	CS 3000			
<b>SERIES</b>	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

## A14-063



## A39-063



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



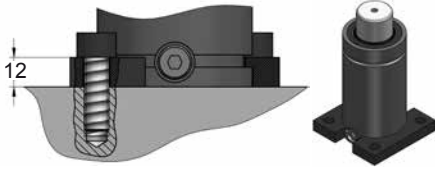
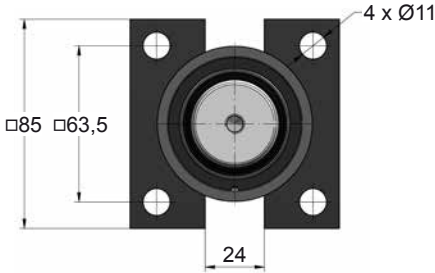




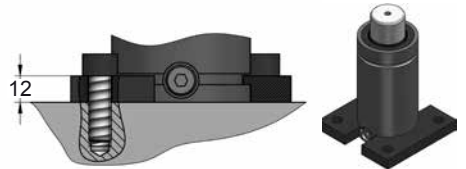
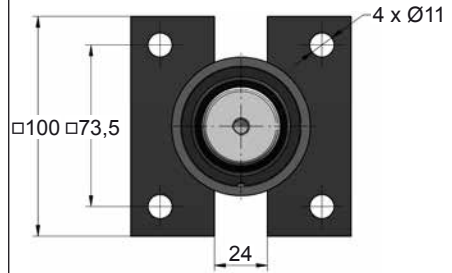
# CD 1500 V2 MOUNTS

Heavy Duty

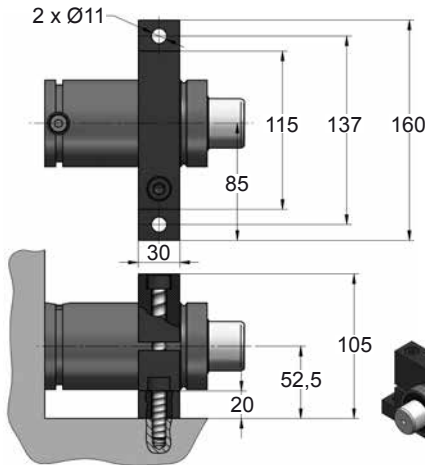
## C30-063



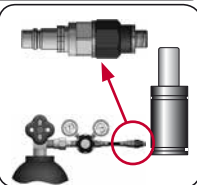
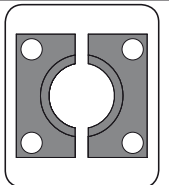
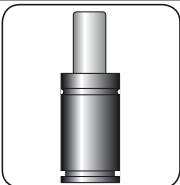
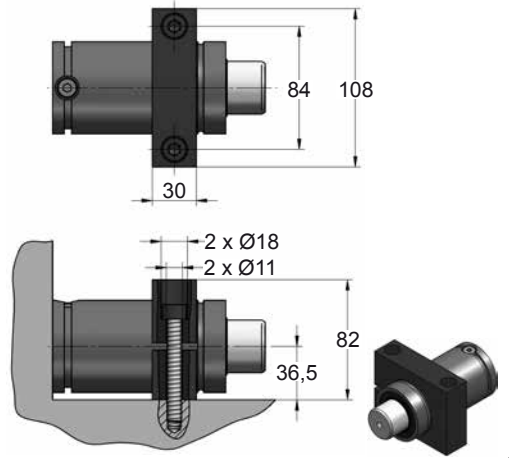
## C35-063



## D02-063



## D67-063

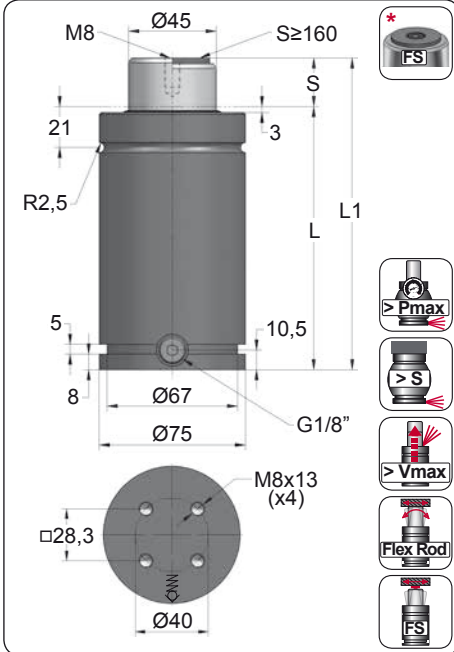


CODE	CD 1500 050 V2	KIT S-XXXXXXX KIT C-XXXXXXX	C30-063	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

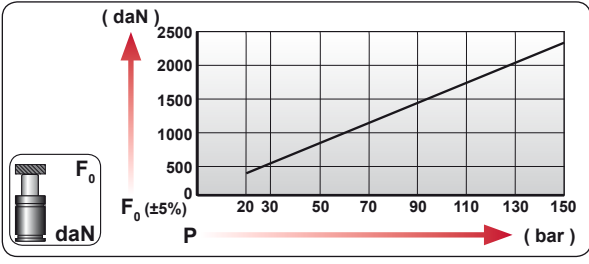
# CD 2400

Heavy Duty

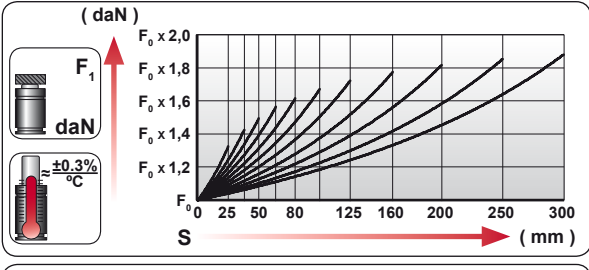


ORDER	S (mm)	L1 ±0.25 (mm)	L (mm)	Kg.
CD 2400 025	25	160	135	3.30
CD 2400 038	38	186	148	3.53
CD 2400 050	50	210	160	3.73
CD 2400 063	63.5	237	173.5	3.96
CD 2400 080	80	270	190	4.25
CD 2400 100	100	310	210	4.59
CD 2400 125	125	360	235	5.02
CD 2400 160 *	160	430	270	5.62
CD 2400 200 *	200	510	310	6.30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



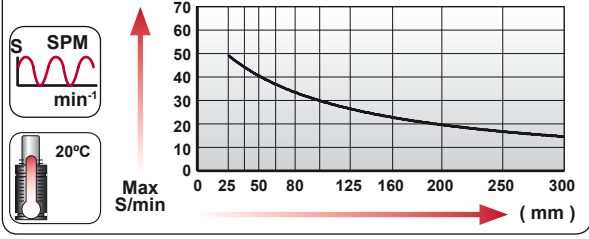
CODE	[Valve Icon]	Pressure		F <sub>0</sub> daN	F <sub>1</sub> daN
		bar	psi		
CD 2400 050	[Valve Icon]	150	2175	2385	3565
CD-H 2400 050	[Valve Icon]	0	0	---	---



[Icon]	ENG ORDER	[Valve Icon]	F <sub>0</sub> daN	[Valve Icon]	S mm
	DEU BESTELLUNG				
	FRA COMMANDE				
	ITA ORDINE				
	ESP PEDIDO				
POR PEDIDO					

CD 2400 50

CD 2400 050

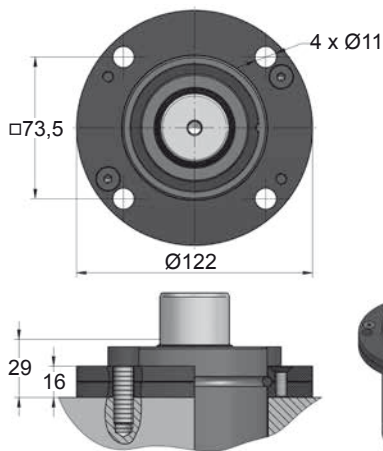


[N <sub>2</sub> Icon]	[Smax Icon]	[Vmax Icon]	[Pmin Icon]	[Pmax Icon]	[Tmin Icon]	[Tmax Icon]	[Pressure Gauge Icon]
N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	Pmin (20°C)	Pmax (20°C)	Tmin	Tmax	600 CP-

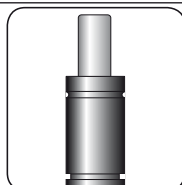
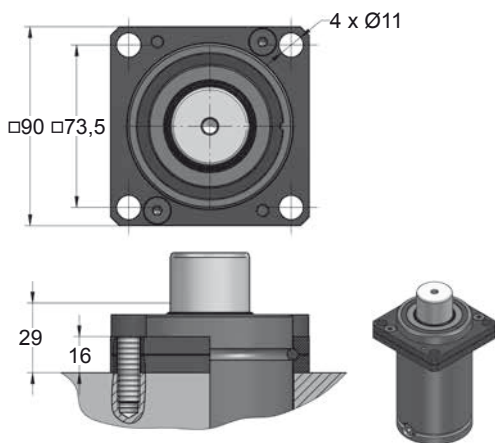
bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176

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

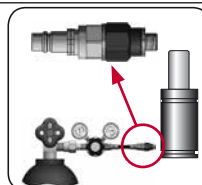
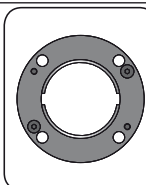
## A14-075



## A34-075



**SEAL KIT S-XXXXXXX**  
**CARTRIDGE KIT C-XXXXXXX**



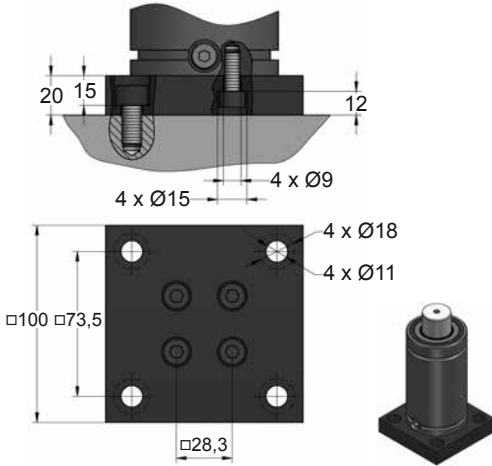
<b>CODE</b>	<b>CD 2400 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-075</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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


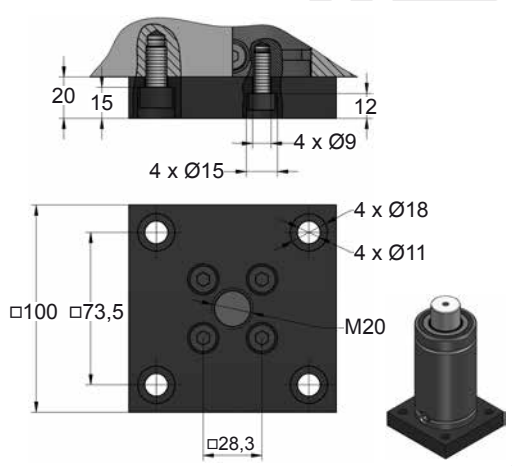
**AZOL**  
**GAS**

## B21-075

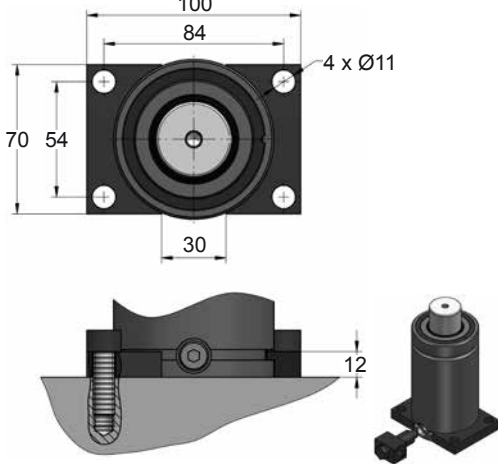
 EM24.54.700/F


## B76-075




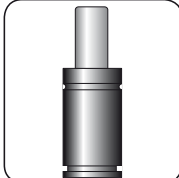
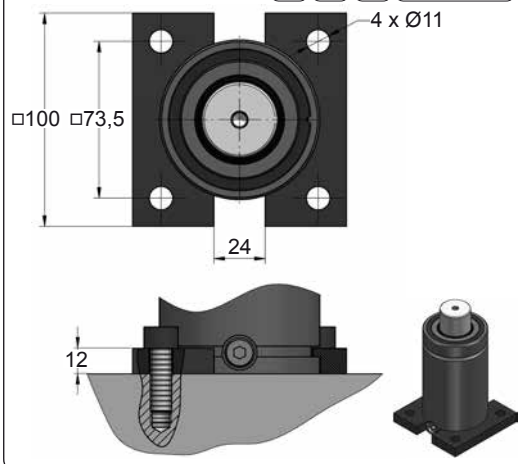
 E24.54.815.G  
EM24.54.700/F


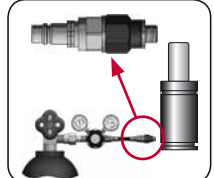
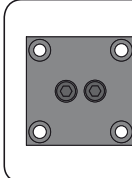
## C05-075



## C20-075




 E24.54.815.G  
EM24.54.700/F

**SEAL**  
**KIT S-XXXXXXX**  
  
**CARTRIDGE**  
**KIT C-XXXXXXX**  



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



# CD 2400 MOUNTS

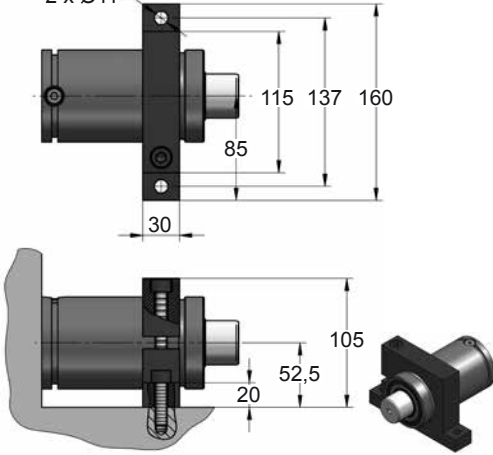
Heavy Duty

## D02-075

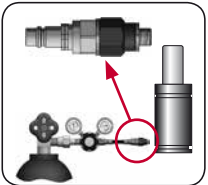
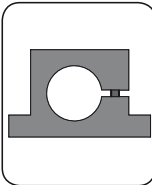
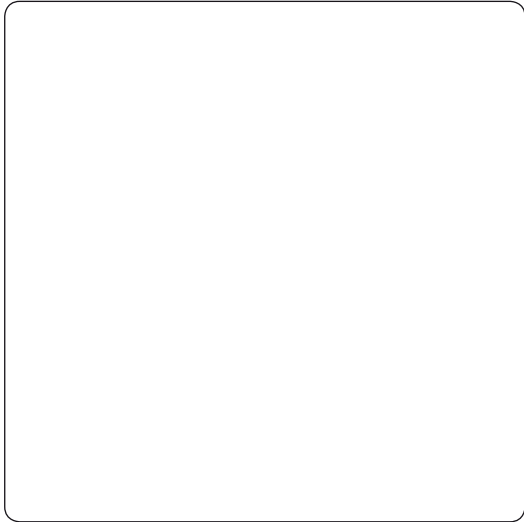
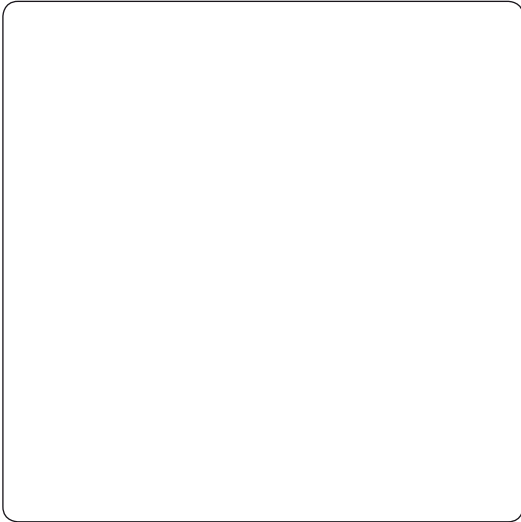
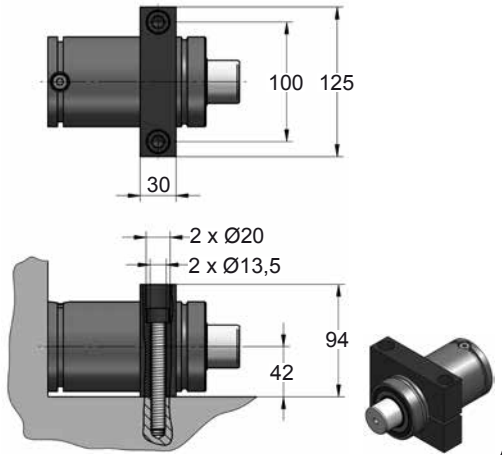
2 x Ø11



E24.54.815.G  
EM24.54.700F



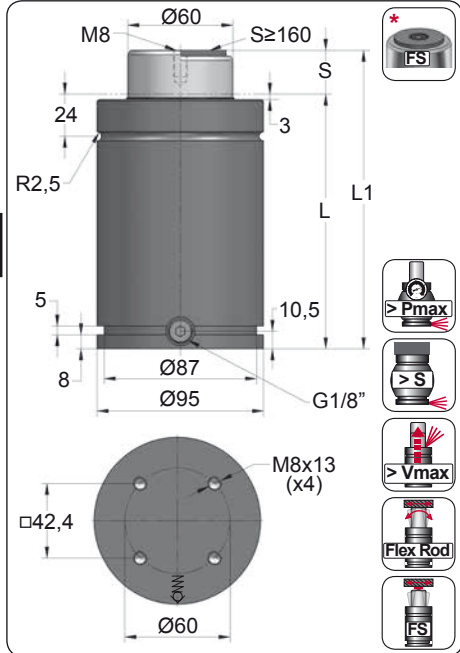
## D67-075



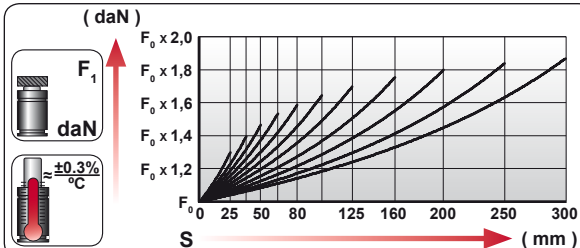
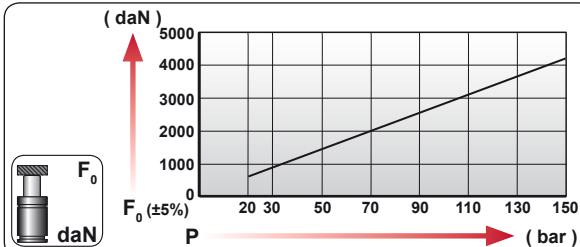
CODE	CD 2400 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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



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

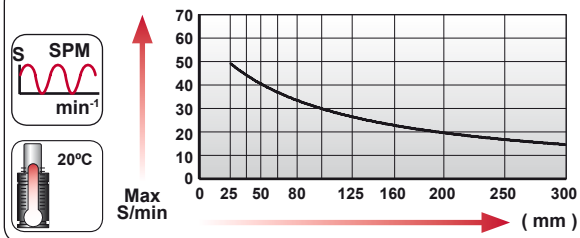


CODE		Pressure			
		bar	psi		
CD 4200 050		150	2175	4240	6210
CD-H 4200 050		0	0	---	---

Language	Order Code		
ENG	ORDER		
DEU	BESTELLUNG	daN	mm
FRA	COMMANDE		
ITA	ORDINE		
ESP	PEDIDO		
POR	PEDIDO		

CD 4200 50

CD 4200 050



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176



# CD 4200 MOUNTS

Heavy Duty

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

## A14-095

ISO 9001 VDA 6.3 E24.54.815.G EM24.54.700/F

4 x Ø13,5

Ø92

Ø150

33

18

## A34-095

ISO 9001 VDI

4 x Ø13,5

Ø110 Ø92

33

18

**SEAL KIT S-XXXXXXX**

**CARTRIDGE KIT C-XXXXXXX**


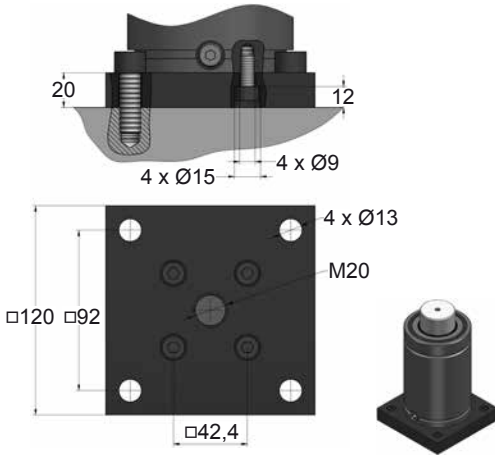
<b>CODE</b>	<b>CD 4200 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-095</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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


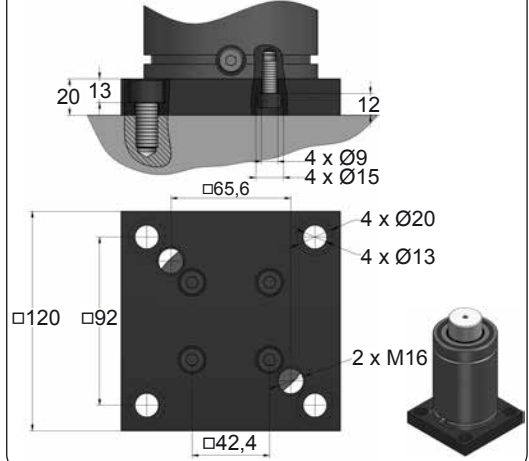
Heavy Duty

**AZOL**  
**GAS**

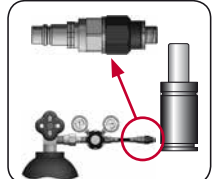
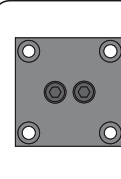
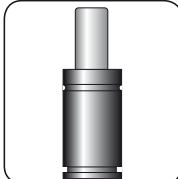
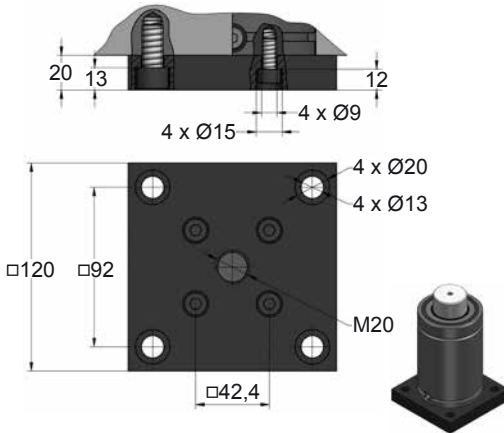
## B16-095

 E24.54.815.G


## B21-095

 EM24.54.700/F


## B76-095

   EM24.54.700/F


CODE	CD 4200 050	KIT S-XXXXXXX KIT C-XXXXXXX	B16-095	18 CG 1-Q
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA
POR	PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE
				CHARGING ADAPTER
				LADEADAPTER
				RACCORD DE CHARGE
				ADATTATORE DI CARICO
				ADAPTADOR DE CARGA
				ADAPTADOR DE CARGA

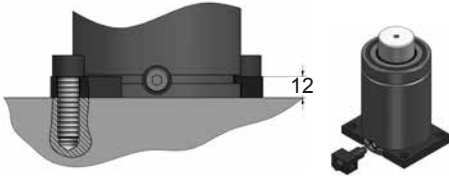
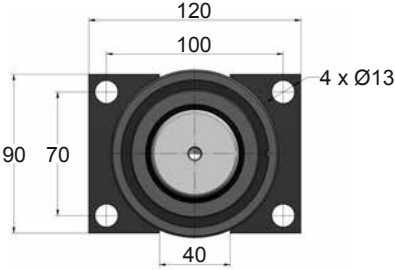




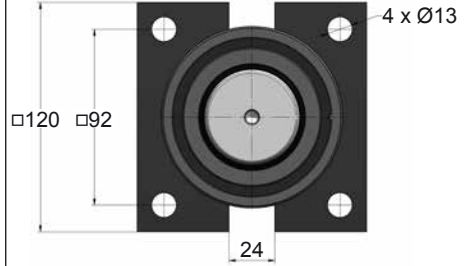
# CD 4200 MOUNTS

Heavy Duty

## C05-095

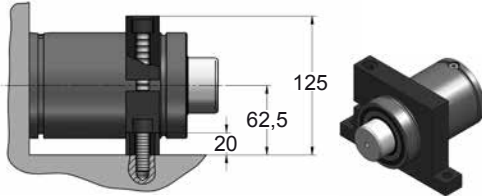
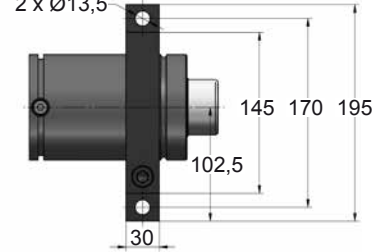


## C20-095

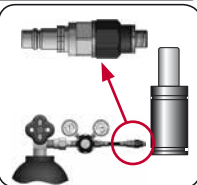
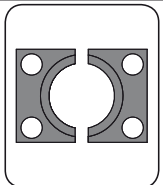
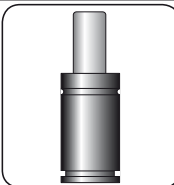
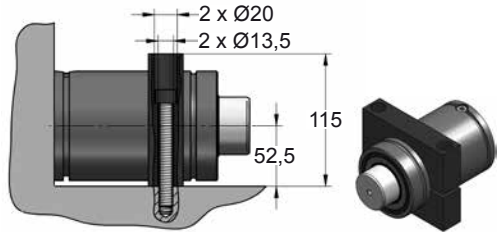
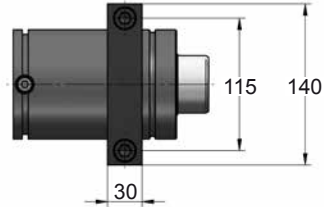


## D02-095

2 x Ø13,5



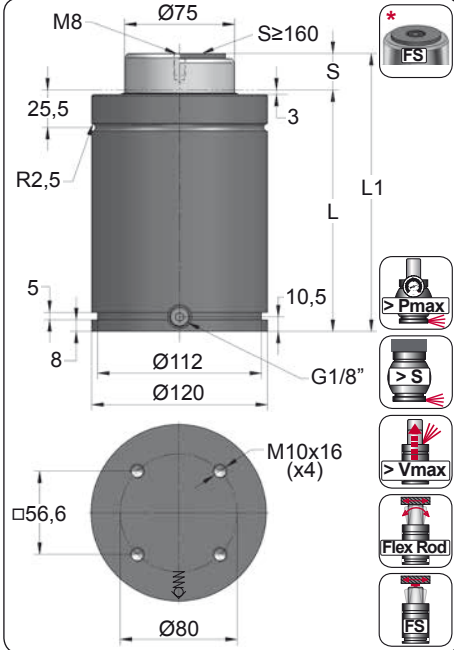
## D67-095



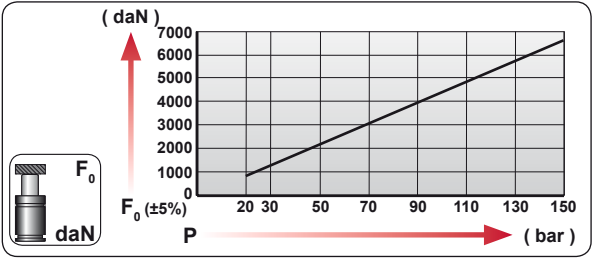
CODE	CD 4200 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-095	18 CG 1-Q	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

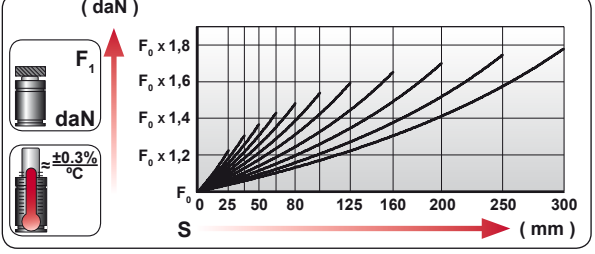
Heavy Duty



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



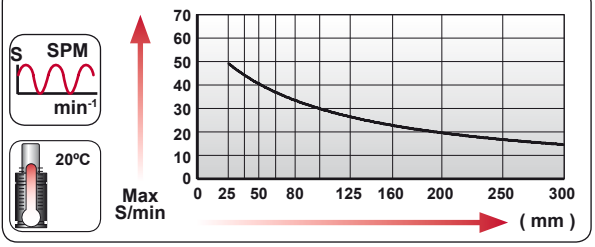
CODE	Image	Pressure		F <sub>0</sub>	F <sub>1</sub>
		bar	psi	daN	daN
CD 6600 050		150	2175	6630	9060
CD-H 6600 050		0	0	---	---



	ENG ORDER		F <sub>0</sub> daN		S mm
	DEU BESTELLUNG				
	FRA COMMANDE				
	ITA ORDINE				
	ESP PEDIDO				
POR PEDIDO					

CD 6600 50

CD 6600 050



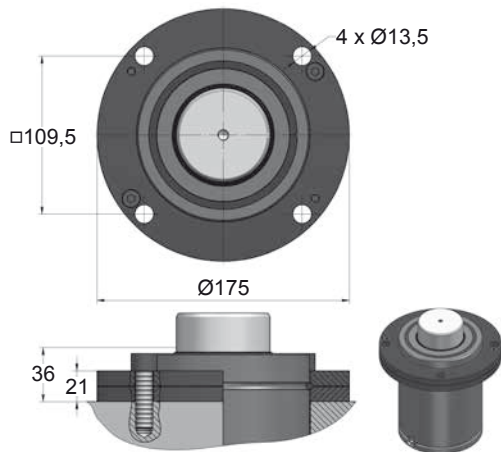
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176

	<b>Ø120</b>	<b>Ø120</b>	<b>Ø120</b>	<b>Ø120</b>	<b>Ø120</b>	<b>Ø120</b>		
	<b>L1=168</b> <b>L1=172</b>	<b>L1=190</b>	<b>L1=202</b> <b>L1=215</b> <b>L1=240</b>	<b>L1=240</b>	<b>L1=260</b>			
<b>MODEL</b>	<b>×</b> CW 6600 KZ 6600	<b>×</b>	FD 5000	<b>GN 5000</b> <b>CM 6500</b> <b>CD 6600</b>	AG 5000	<b>×</b> CS 11800		
<b>SERIES</b>	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

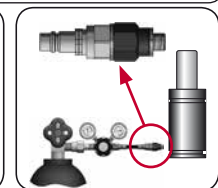
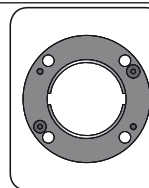
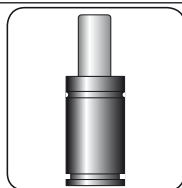
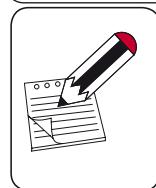
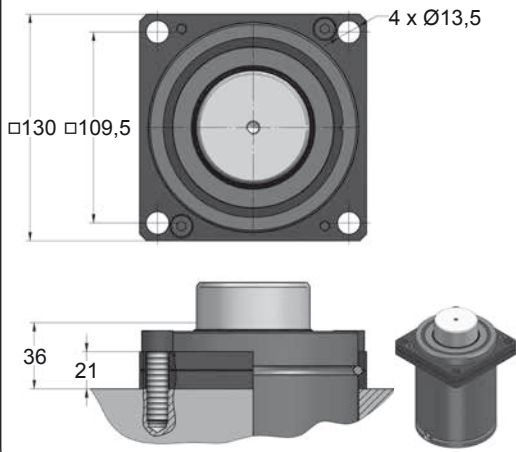
## A14-120

ISO VALVE TYP. E24.54.815.G EM24.54.700/F



## A34-120

ISO VDI



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

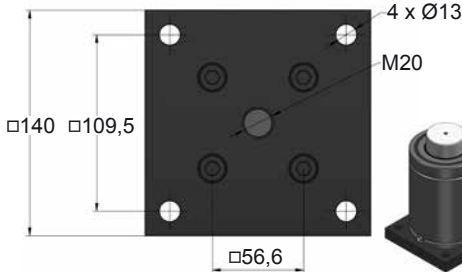
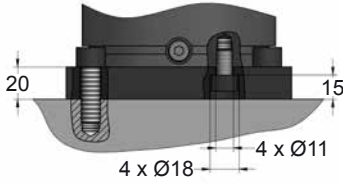
# CD 6600 MOUNTS

Heavy Duty

**AZOL  
GAS**

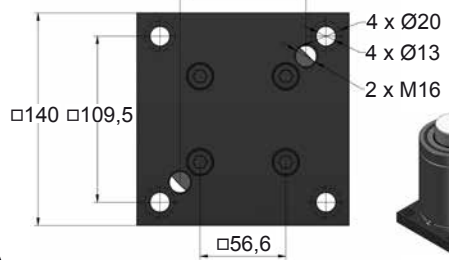
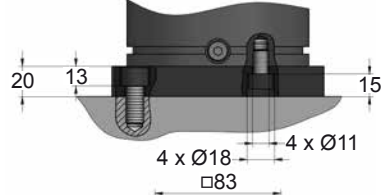
## B16-120

E24.54.815.G



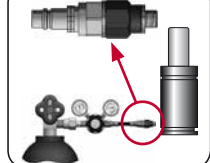
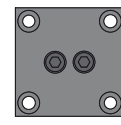
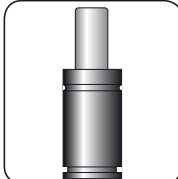
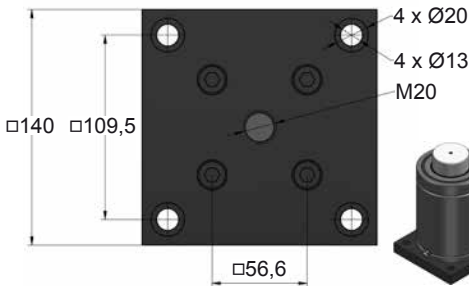
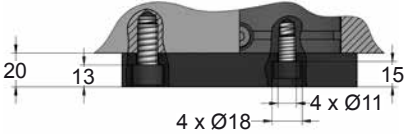
## B21-120

EM24.54.700/F



## B76-120

ISO VALVETTE E24.54.700/F



CODE	CD 6600 050	KIT S-XXXXXXX KIT C-XXXXXXX	B16-120	18 CG 1-Q
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA
POR	PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE
				CHARGING ADAPTER
				LADEADAPTER
				RACCORD DE CHARGE
				ADATTATORE DI CARICO
				ADAPTADOR DE CARGA
				ADAPTADOR DE CARGA

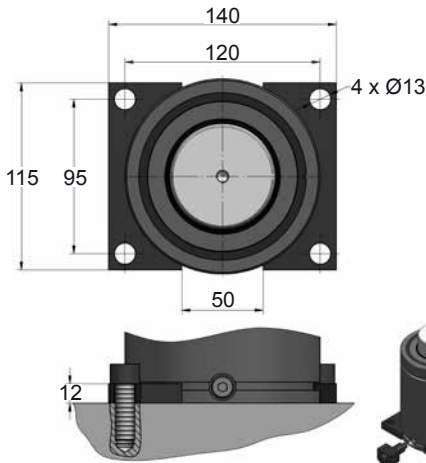


# CD 6600 MOUNTS

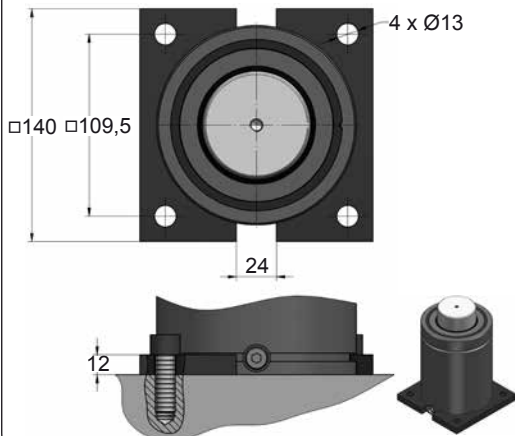
Heavy Duty



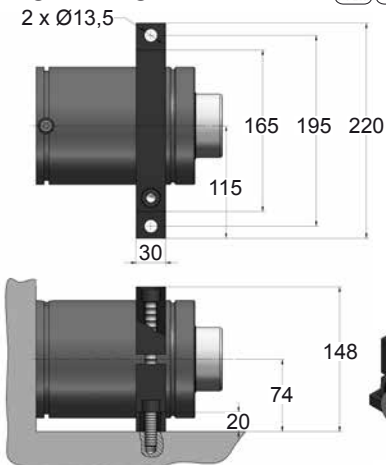
## C05-120



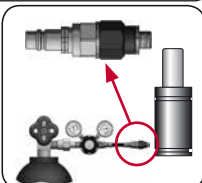
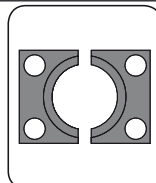
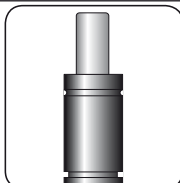
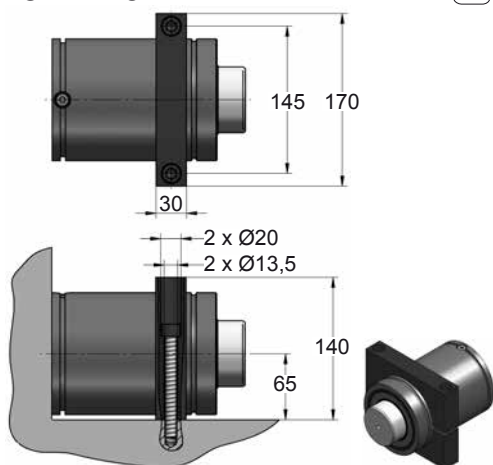
## C20-120



## D02-120



## D67-120

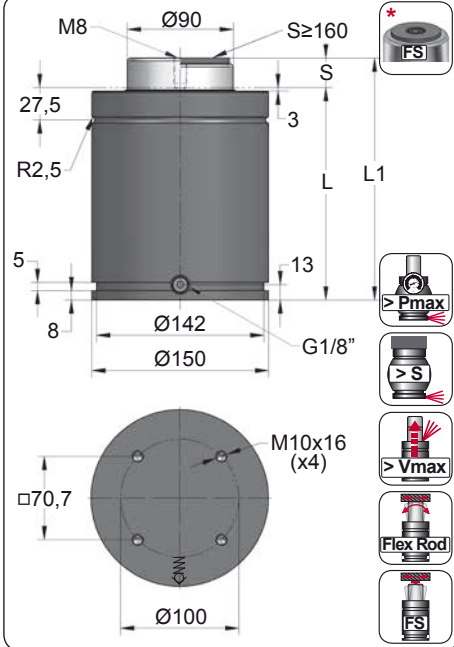


CODE	CD 6600 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-120	18 CG 1-Q	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

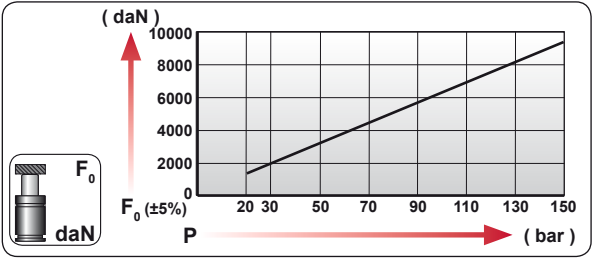
# CD 9600

Heavy Duty

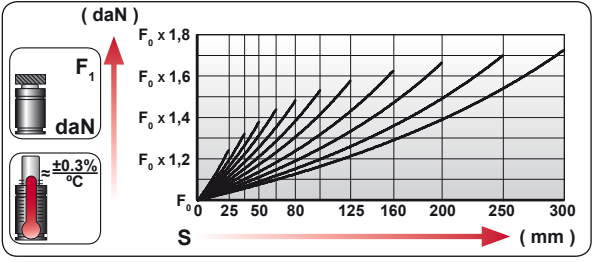


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CD 9600 025	25	205	180	17.79
CD 9600 038	38	231	193	18.65
CD 9600 050	50	255	205	19.44
CD 9600 063	63.5	282	218.5	20.34
CD 9600 080	80	315	235	21.43
CD 9600 100	100	355	255	22.76
CD 9600 125	125	405	280	24.41
CD 9600 160 *	160	475	315	26.73
CD 9600 200 *	200	555	355	29.38
CD 9600 250 *	250	655	405	32.70
CD 9600 300 *	300	755	455	36.01



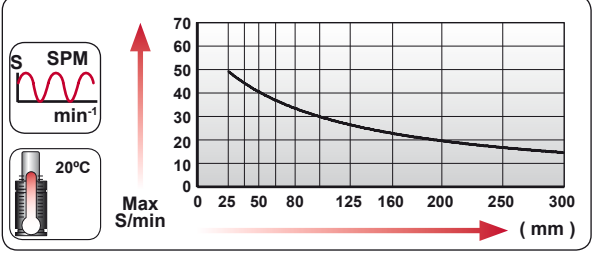
CODE	Pressure Gauge	Pressure		Force	
		bar	psi	daN	daN
CD 9600 050		150	2175	9540	13150
CD-H 9600 050		0	0	---	---



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

$F_0$  daN  
 S mm

**CD 9600 50**  
**CD 9600 050**




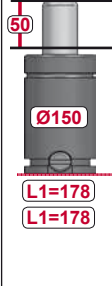


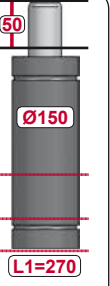










	$S_{max} < 100\%$	$v$	Pmin (20°C)	Pmax (20°C)	Tmin	Tmax	
--	-------------------	-----	-------------	-------------	------	------	--

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

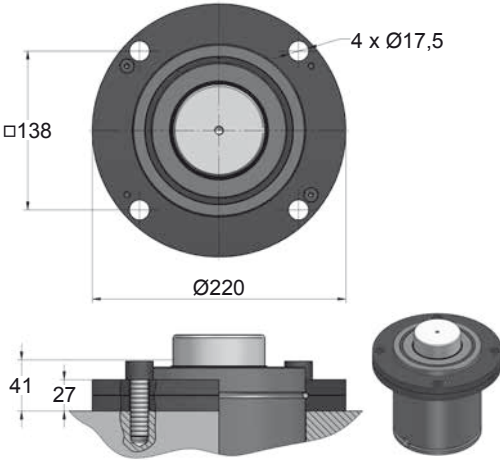
# CD 9600 MOUNTS

Heavy Duty

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

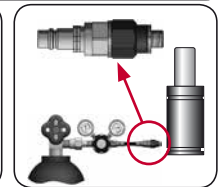
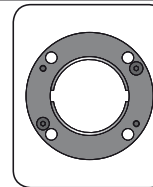
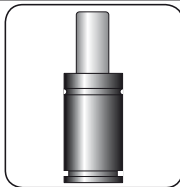
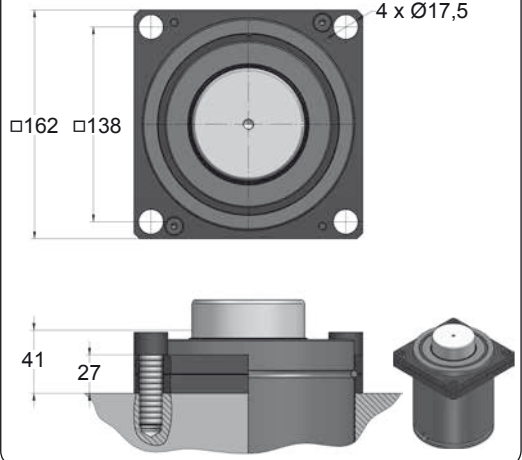
## A14-150

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



## A34-150

ISO VDI



CODE	CD 9600 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	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

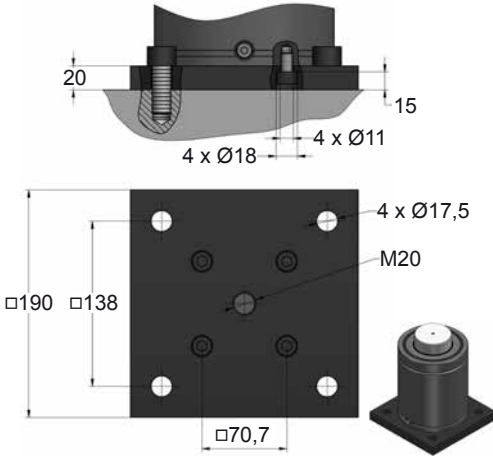
# CD 9600 MOUNTS

Heavy Duty

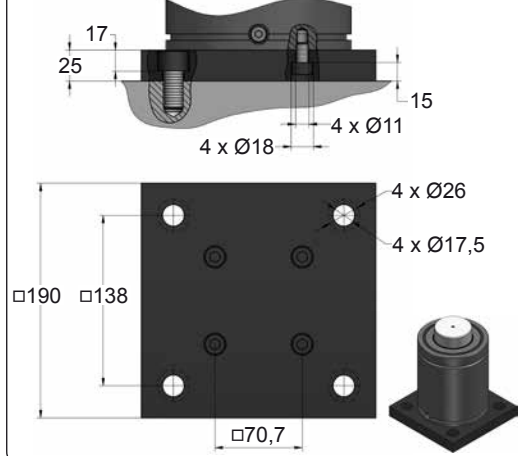
**AZOL**  
**GAS**

## B16-150

E24.54.815.G

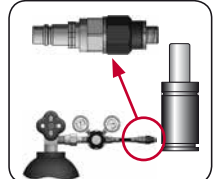
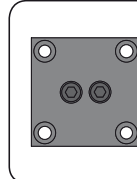
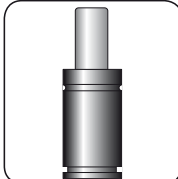
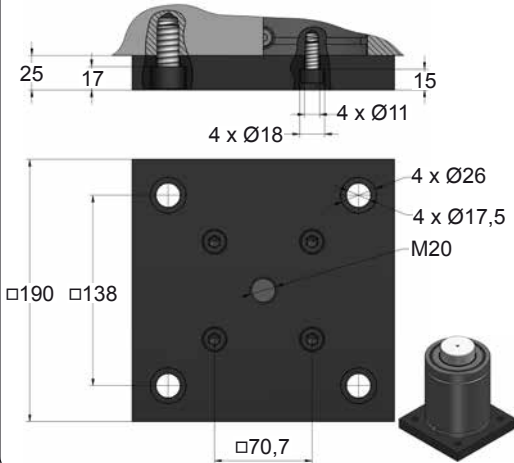


## B21-150



## B76-150

ISO HALBER



CODE	CD 9600 050	KIT S-XXXXXXX KIT C-XXXXXXX	B16-150	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

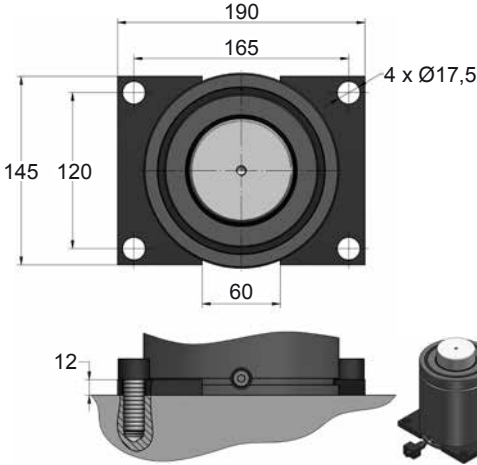




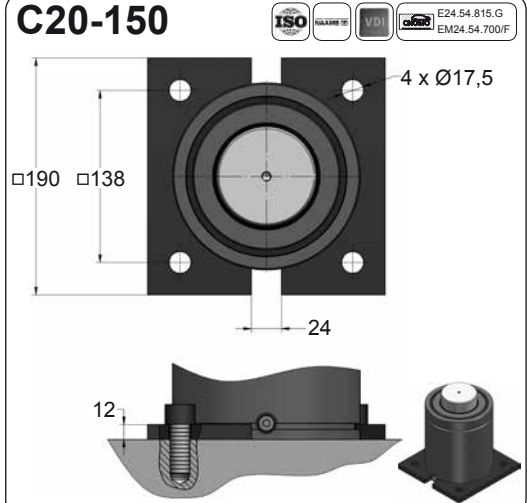
# CD 9600 MOUNTS

Heavy Duty

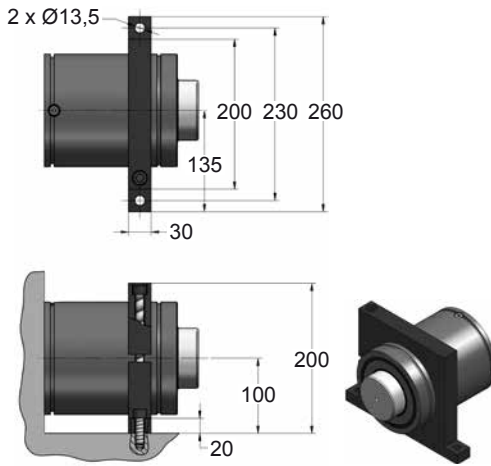
## C05-150



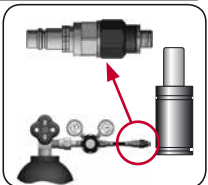
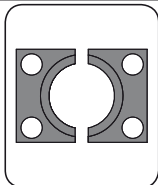
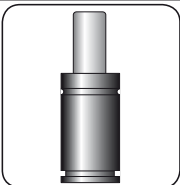
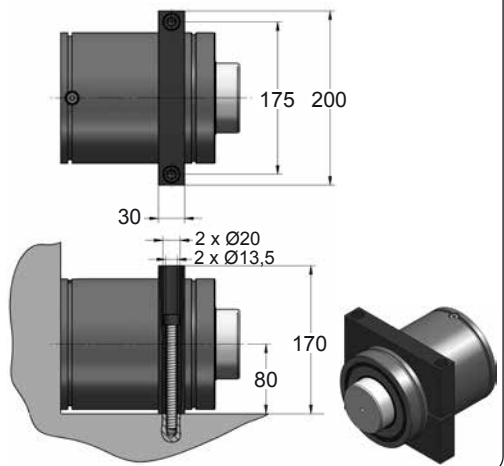
## C20-150



## D02-150



## D67-150

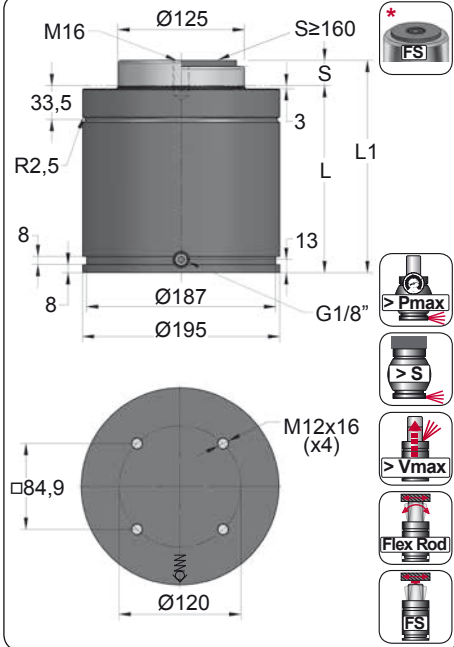


CODE	CD 9600 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-150	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

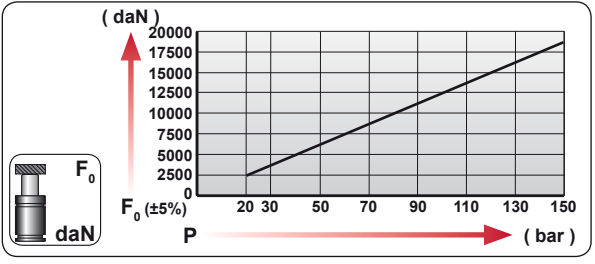
# CD 18500

Heavy Duty

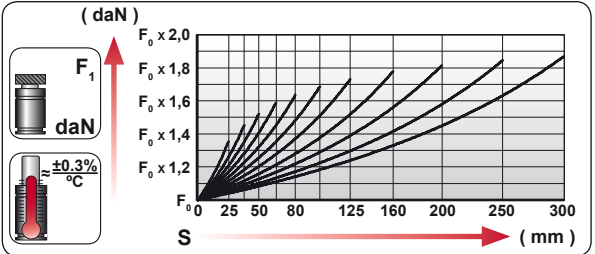


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CD 18500 025	25	210	185	34.22
CD 18500 038	38	236	198	36.02
CD 18500 050	50	260	210	37.68
CD 18500 063	63.5	287	223.5	39.54
CD 18500 080	80	320	240	41.83
CD 18500 100	100	360	260	44.59
CD 18500 125	125	410	285	48.05
CD 18500 160 *	160	480	320	52.89
CD 18500 200 *	200	560	360	58.42
CD 18500 250 *	250	660	410	65.33
CD 18500 300 *	300	760	460	72.24

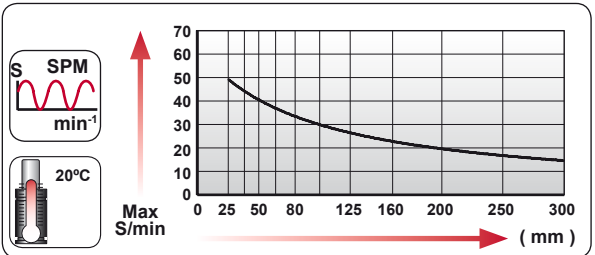


CODE	Pressure (bar)	Pressure (psi)	F <sub>0</sub> (daN)	F <sub>1</sub> (daN)
CD 18500 050	150	2175	18410	28015
CD-H 18500 050	0	0	---	---



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

CD 18500 50  
 CD 18500 050



N<sub>2</sub>      S<sub>max</sub> < 90%      V<sub>max</sub> 1,6 m/s      Pmin (20°C)      Pmax (20°C)      Tmin      Tmax      600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176



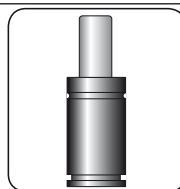
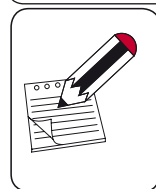
# CD 18500 MOUNTS

Heavy Duty

<b>MODEL</b>	×	CW 20000	×	×	CD 18500	AG 10000	×	×
<b>SERIES</b>	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

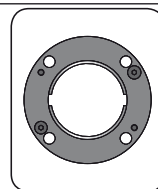
## A14-195

## A34-195



**SEAL KIT S-XXXXXXX**

**CARTRIDGE KIT C-XXXXXXX**



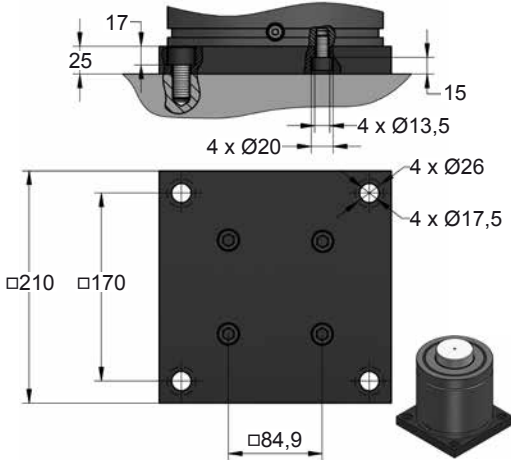
<b>CODE</b>	<b>CD 18500 050</b>	<b>KIT S-XXXXXXX KIT C-XXXXXXX</b>	<b>A14-195</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

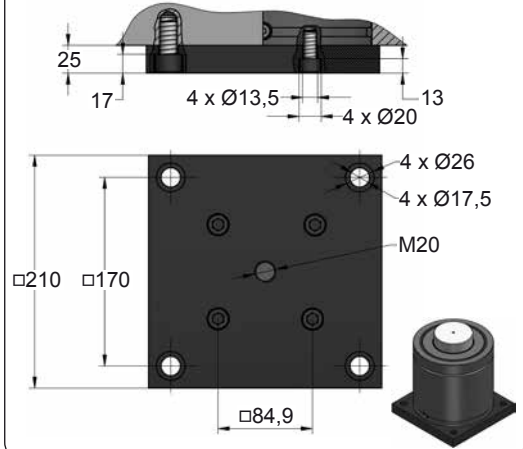
Heavy Duty

**AZOL**  
**GAS**

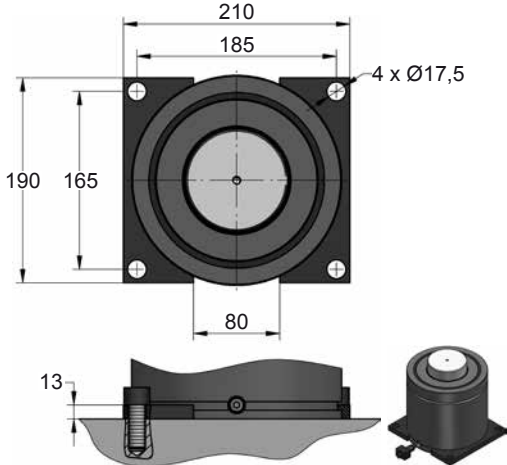
## B21-195



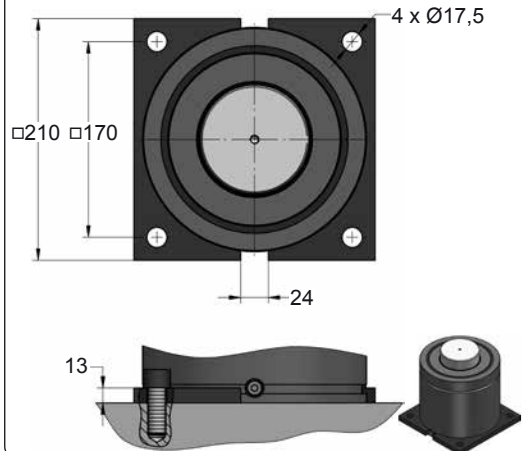
## B76-195



## C05-195

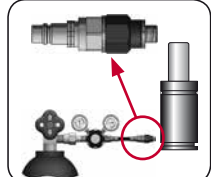
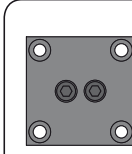


## C20-195



SEAL  
 KIT S-XXXXXXX

CARTRIDGE  
 KIT C-XXXXXXX



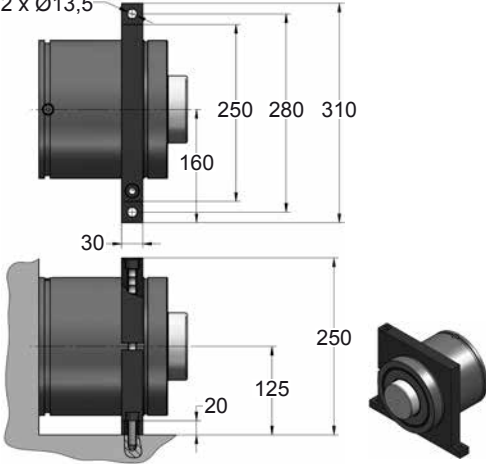
CODE	CD 18500 050	KIT S-XXXXXXX KIT C-XXXXXXX	B21-195	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

## D02-195

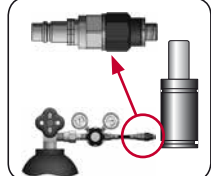
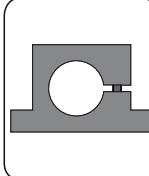
2 x Ø13,5



**SEAL**  
**KIT S-XXXXXXX**



**CARTRIDGE**  
**KIT C-XXXXXXX**



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





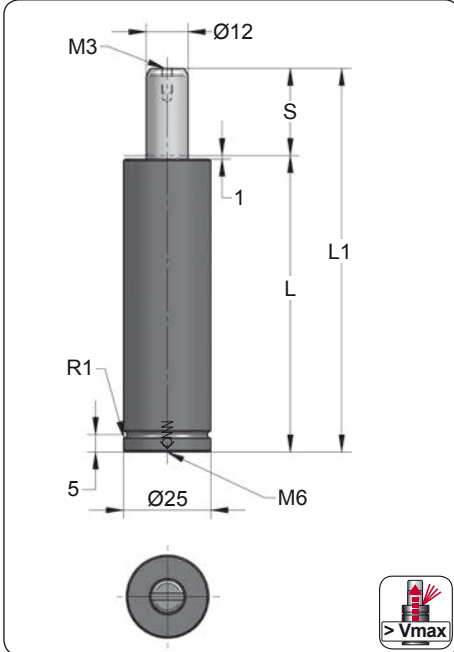
# CM HEAVY DUTY MEDIUM

MODEL	F <sub>0</sub>	Ø	S	L1	Pmax	Charge Port		
CM 200	200	Ø25	10 - 80	80 - 220	180	M6		
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	10 - 200	105 - 495	160	G1/8"		
CM 1500 V1	1500	Ø63	10 - 200	105 - 495	150	G1/8"		
CM 2500 V1	2500	Ø75	10 - 200	115 - 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"		

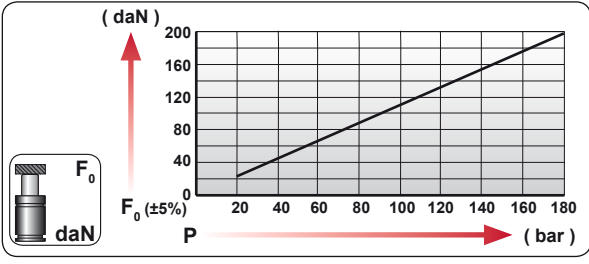
	50	50	50	50	50	50	50	50
	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50
	L1=138 L1=152	L1=138	L1=138 L1=150 L1=150	L1=170 L1=185 L1=195	L1=195	L1=165 L1=175	L1=220	
	1000 1000	1000	1000 1000 750	750 1000 1000	750	1700 2000	1800	
MODEL		CW 1000 KZ 1000	AS 1000	CT 1000 CK 1000 FD 750	GN 750 CM 1000 CD 1000	AG 750	CPH 1700 CP 2000	CS 1800
SERIES	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

# CM 200

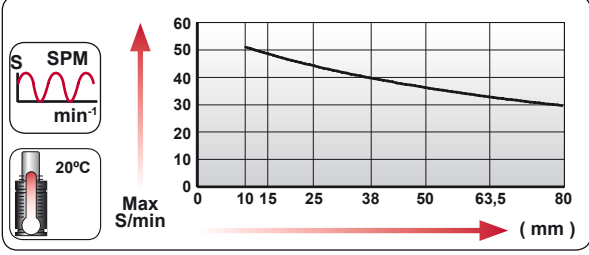
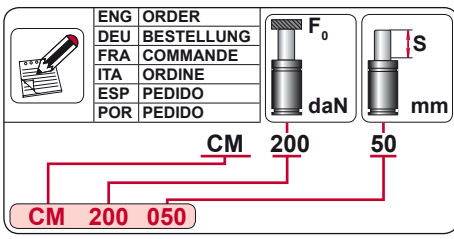
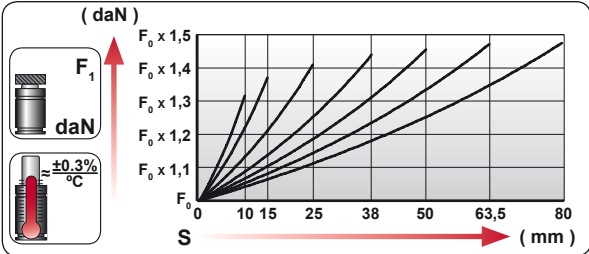
Heavy Duty



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	daN	daN
CM 200 050	180	2610	205	300
CM-H 200 050	0	0	---	---



**N<sub>2</sub>**

**Smax < 90%**

**Vmax 1,6 m/s**

**Pmin (20°C) Pmax (20°C)**

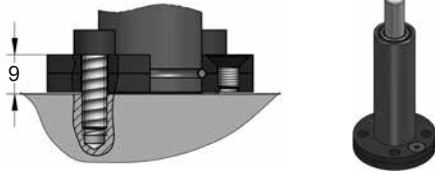
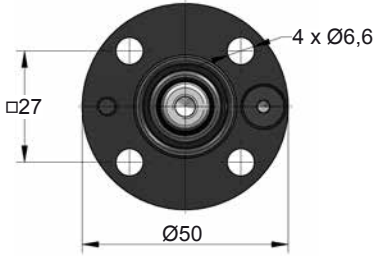
**Tmin Tmax**

			bar psi	bar psi	°C °F	°C °F	X
N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	20 290	180 2610	0 32	80 176	

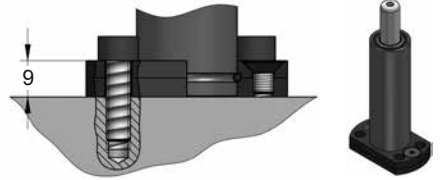
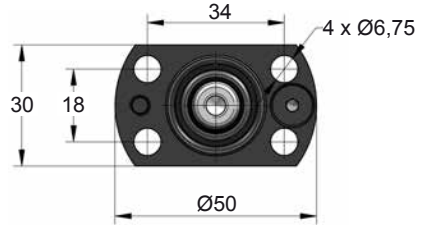




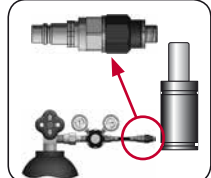
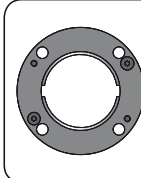
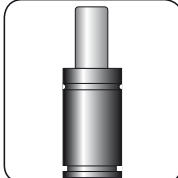
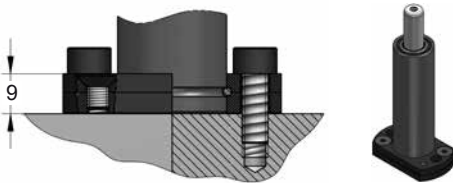
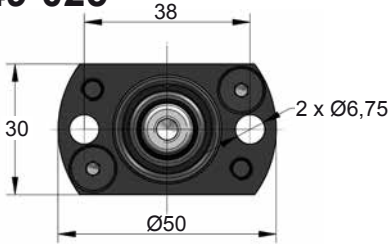
**A14-025**



**A44-025**



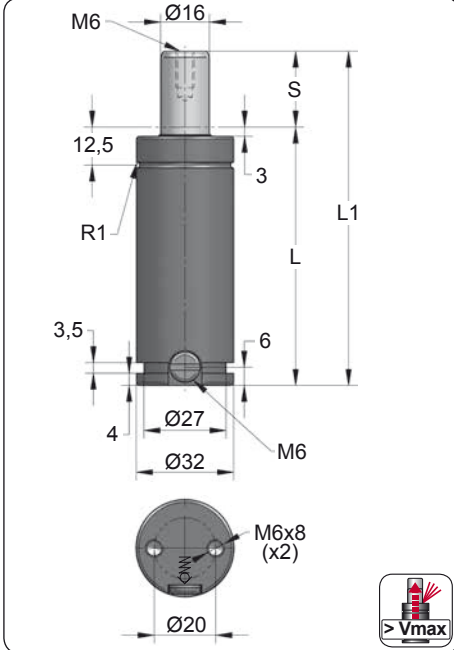
**A49-025**



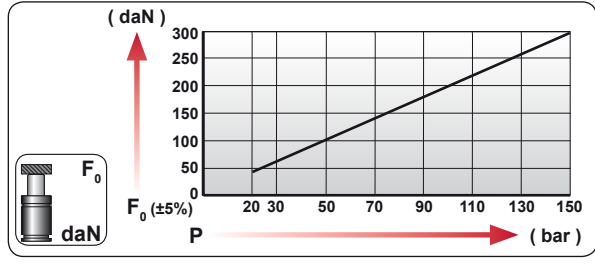
CODE	CM 200 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-025	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

# CM 300

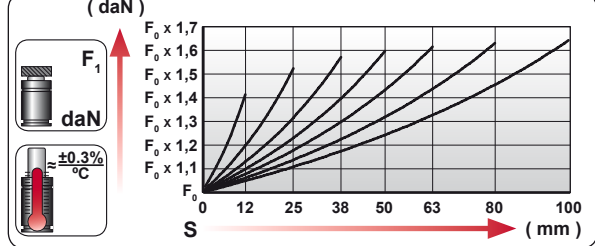
Heavy Duty



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



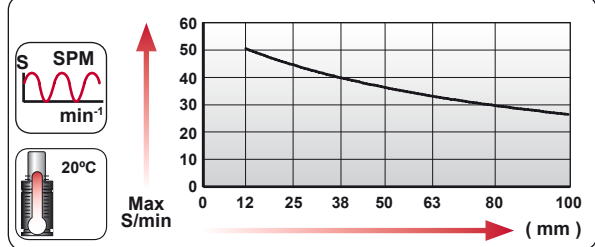
CODE	[Valve Icon]	Pressure		Force	
		bar	psi	daN	daN
CM 300 050	[Valve Icon]	150	2175	300	480
CM-H 300 050	[Valve Icon]	0	0	---	---



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

[Valve Icon] F<sub>0</sub> daN  
 [Valve Icon] S mm

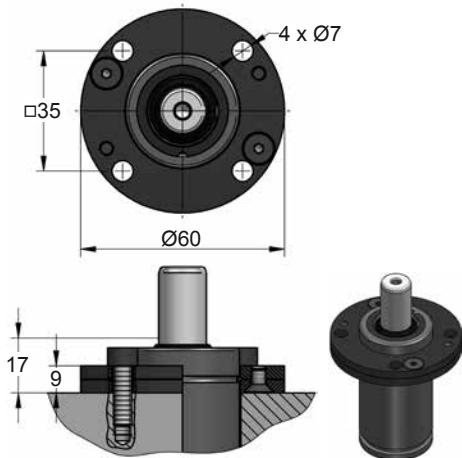
CM 300 50  
 CM 300 050



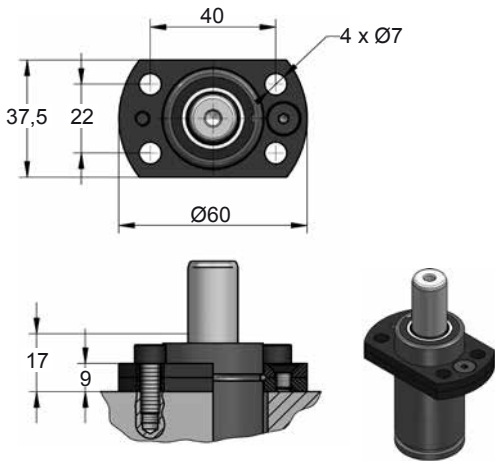
[N<sub>2</sub> Icon] S<sub>max</sub> < 100%  
 [Valve Icon] V  
 [Gauge Icon] P<sub>min</sub> (20°C) P<sub>max</sub> (20°C)  
 [Gauge Icon] T<sub>min</sub> T<sub>max</sub>  
 [Gauge Icon] 600 CP-

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

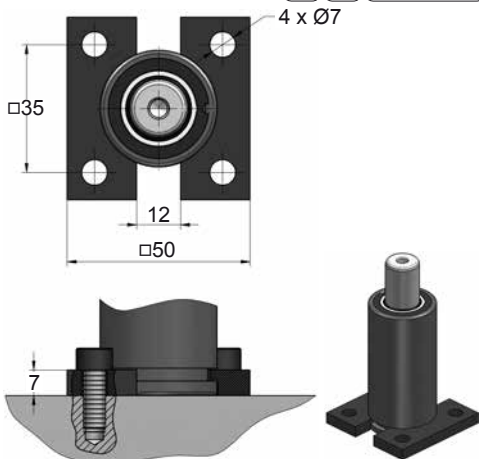
**A14-032**



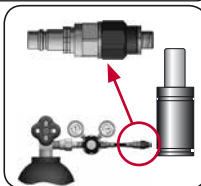
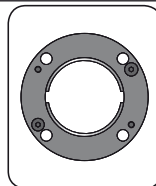
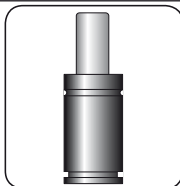
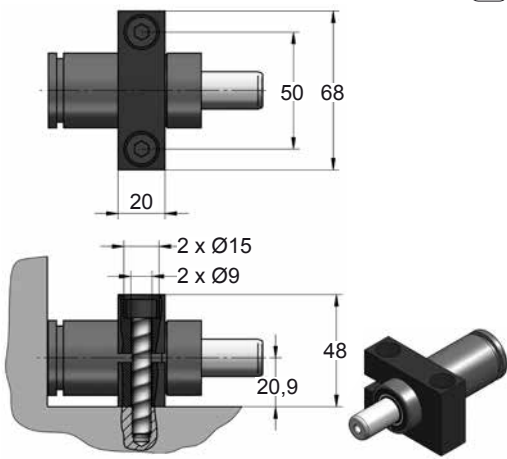
**A44-032**



**C20-032**



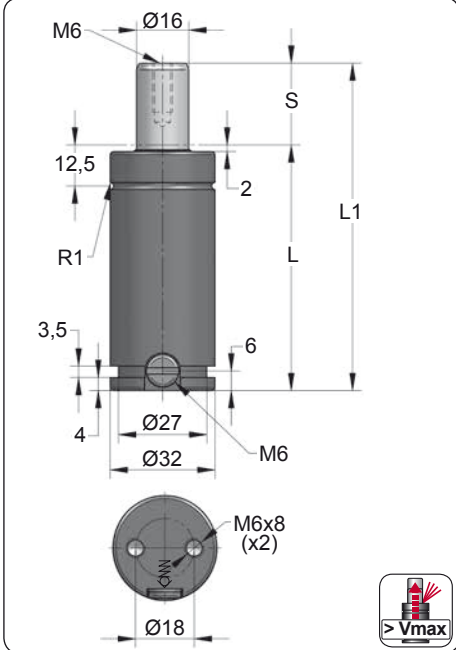
**D67-032**



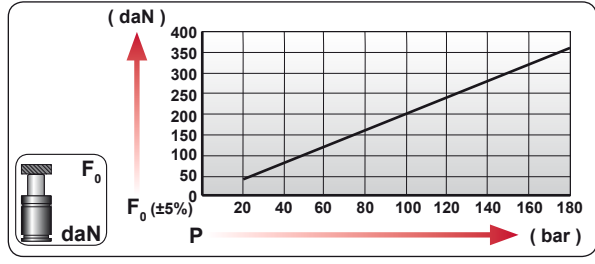
CODE	CM 300 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-032	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE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

# CM 350 V1

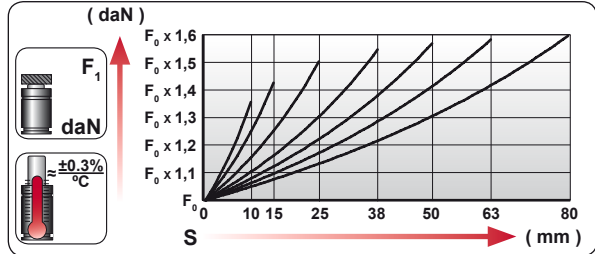
Heavy Duty



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



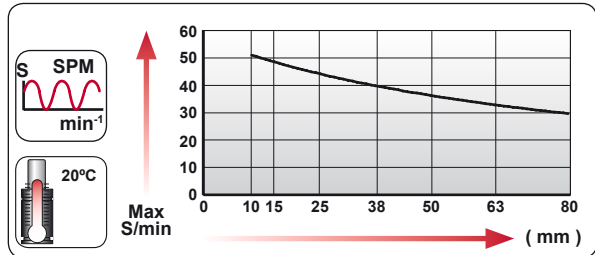
CODE	[Valve Icon]	[Pressure Gauge Icon]		F <sub>0</sub> daN	F <sub>1</sub> daN
		bar	psi		
CM 350 050 V1	[Valve Icon]	175	2540	350	550
CM-H 350 050 V1	[Valve Icon]	0	0	---	---



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

F<sub>0</sub> daN  
 S mm

**CM 350 50**  
**CM 350 050 V1**



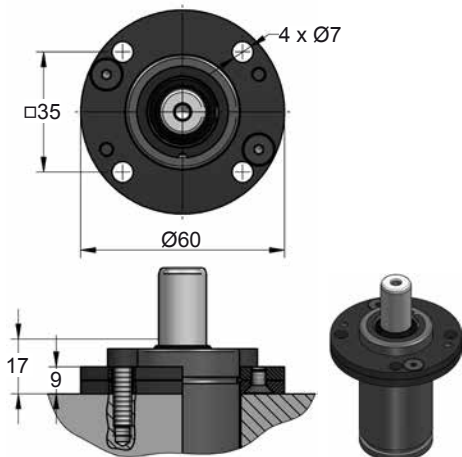
	S <sub>max</sub> < 100%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub> T <sub>max</sub>	
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N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi 20 290	bar psi 180 2610	°C °F 0 32	°C °F 80 176	600 CP-
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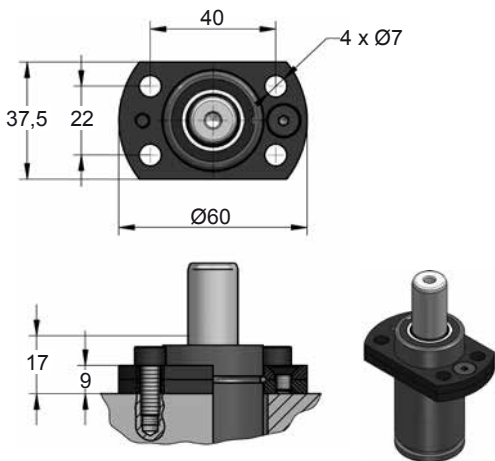
# CM 350 V1 MOUNTS

Heavy Duty

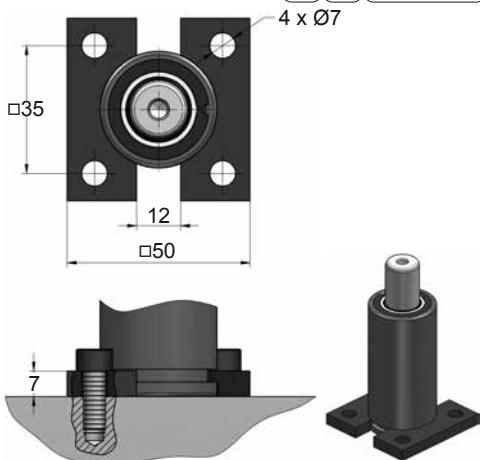
## A14-032



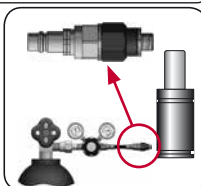
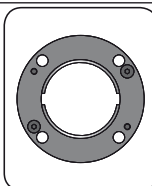
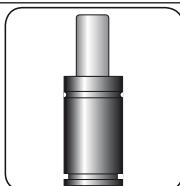
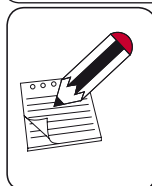
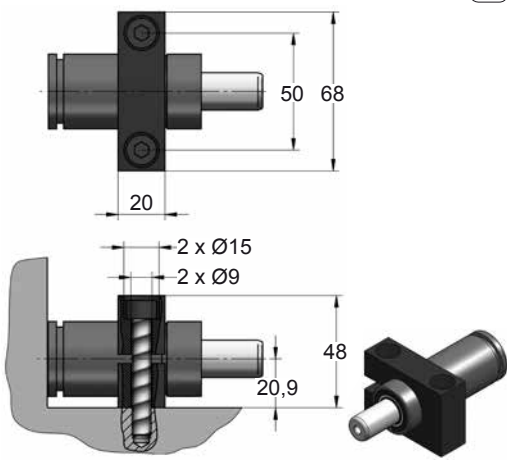
## A44-032



## C20-032



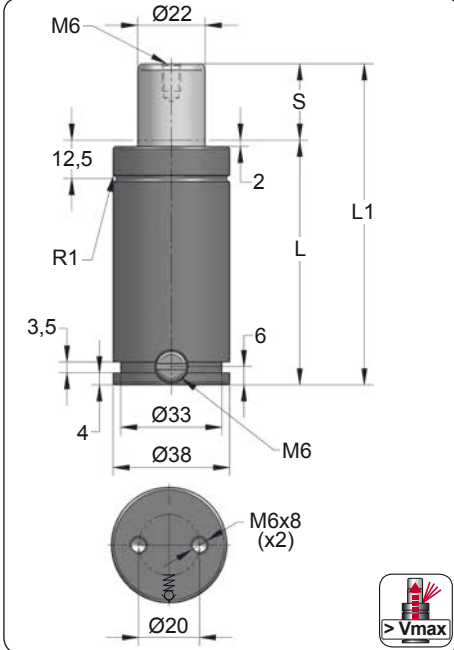
## D67-032



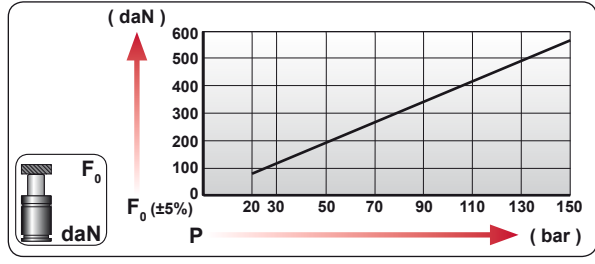
CODE	CM 350 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-032	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

# CM 500 V1

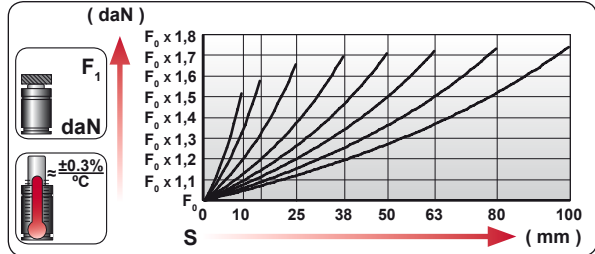
Heavy Duty



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



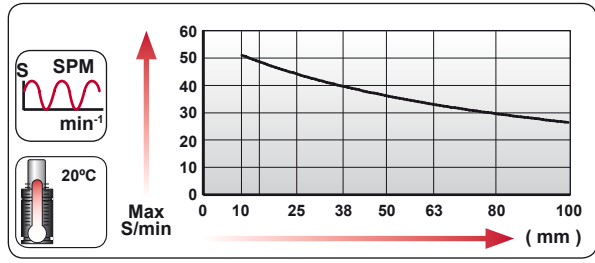
CODE		Pressure			
		bar	psi		
CM 500 050 V1		130	1885	495	855
CM-H 500 050 V1		0	0	---	---



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

**500**     **50**

**CM 500 050 V1**



	<b>Smax &lt; 90%</b>	<b>Vmax 1,6 m/s</b>	<b>Pmin (20°C)</b>	<b>Pmax (20°C)</b>	<b>Tmin</b>	<b>Tmax</b>	
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N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	



# CM 500 V1 MOUNTS

Heavy Duty

### A14-038

ISO 9001 ISO 14001 E24.54.815.G EM24.54.700F

### A34-038

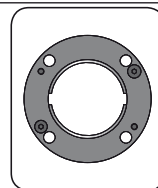
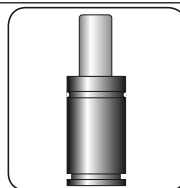
ISO 9001 VDI

### C20-038

ISO 9001 ISO 14001 VDI E24.54.815.G EM24.54.700F

### D67-038

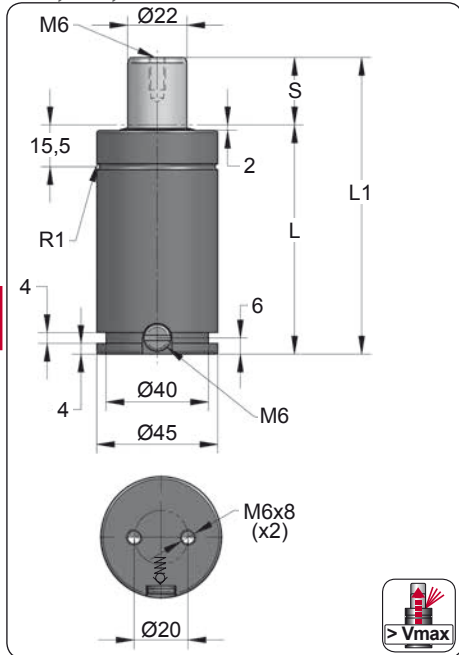
VDI



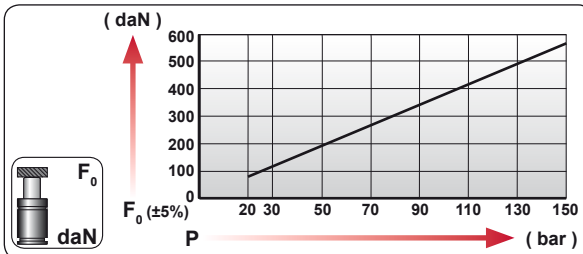
CODE	CM 500 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-038	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

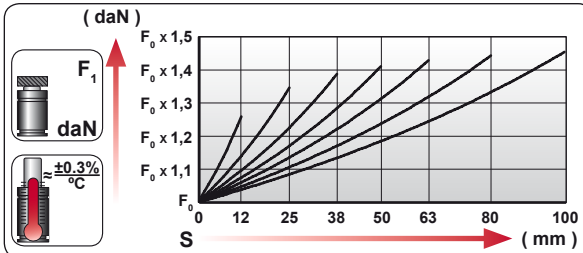
Heavy Duty



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



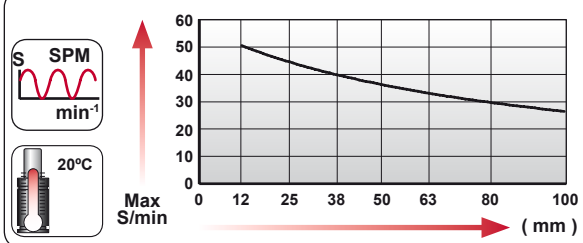
CODE		Pressure			
		bar	psi		
CM 600 050 V1		150	2175	570	805
CM-H 600 050 V1		0	0	---	---



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

**F<sub>0</sub>** daN  
**S** mm

**CM 600 50**  
**CM 600 050 V1**



	<b>S<sub>max</sub> &lt; 90%</b>	<b>V<sub>max</sub> 1,6 m/s</b>	<b>P<sub>min</sub> (20°C)</b>	<b>P<sub>max</sub> (20°C)</b>	<b>T<sub>min</sub></b>	<b>T<sub>max</sub></b>	
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N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

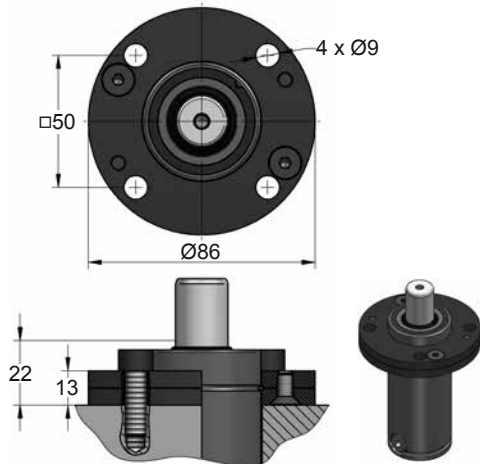




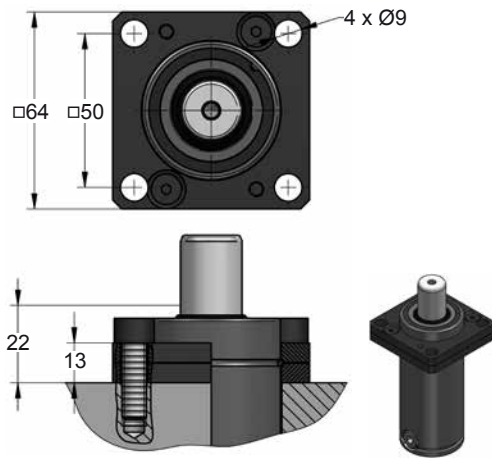
# CM 600 V1 MOUNTS

Heavy Duty

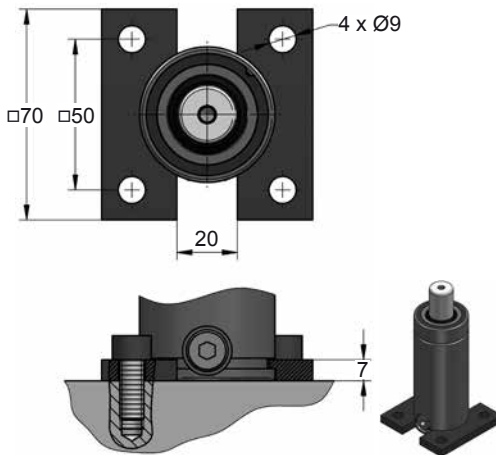
## A14-045



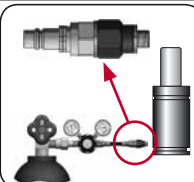
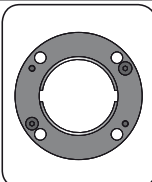
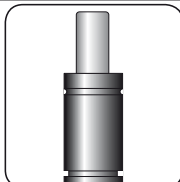
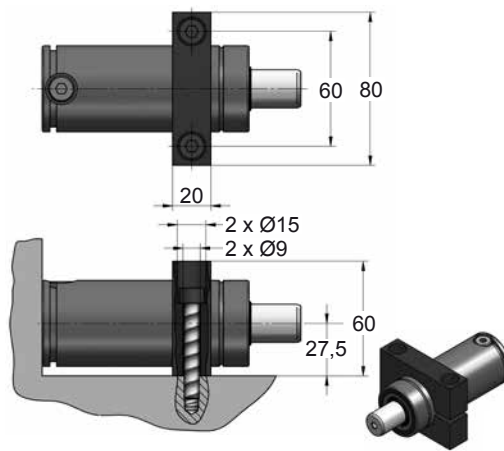
## A34-045



## C20-045



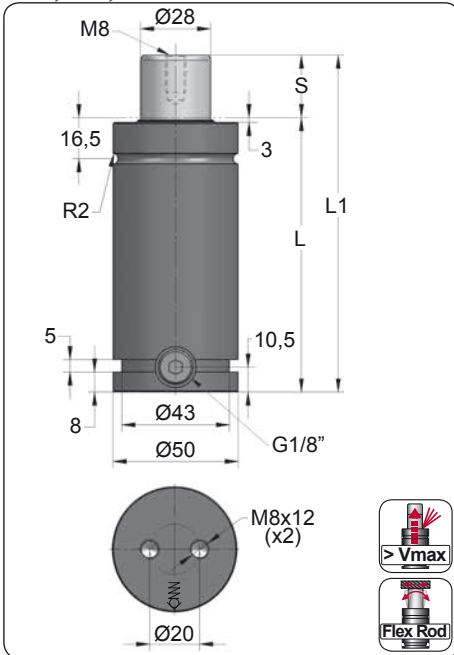
## D67-045



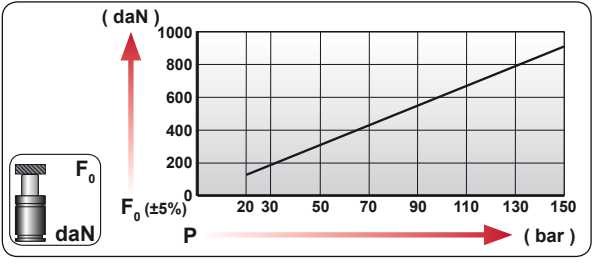
CODE	CM 600 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-045	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

# CM 1000 V1

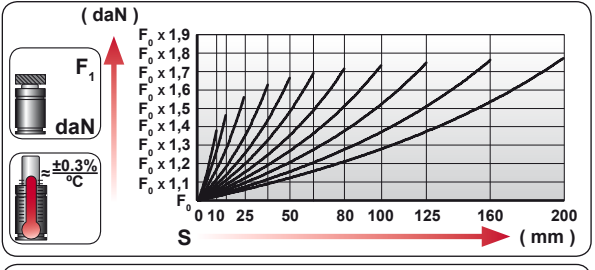
Heavy Duty



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CM 1000 010 V1	10	105	95	1.17
CM 1000 015 V1	15	115	100	1.21
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

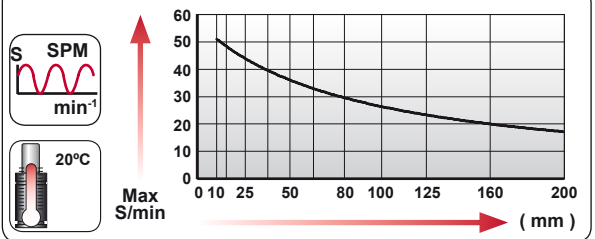


CODE	Pressure (bar)	Pressure (psi)	Force (daN)	Force (daN)
CM 1000 050 V1	160	2320	985	1640
CM-H 1000 050 V1	0	0	---	---



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

CM 1000 50  
**CM 1000 050 V1**



N<sub>2</sub>

Smax < 90%

Vmax 1,6 m/s

Pmin (20°C) Pmax (20°C)

Tmin Tmax

600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	160	2320	0	32	80	176

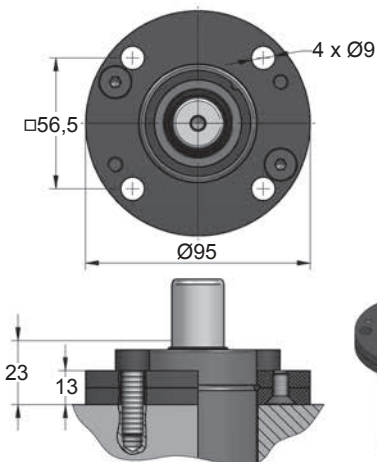


# CM 1000 V1 MOUNTS

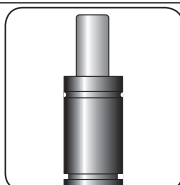
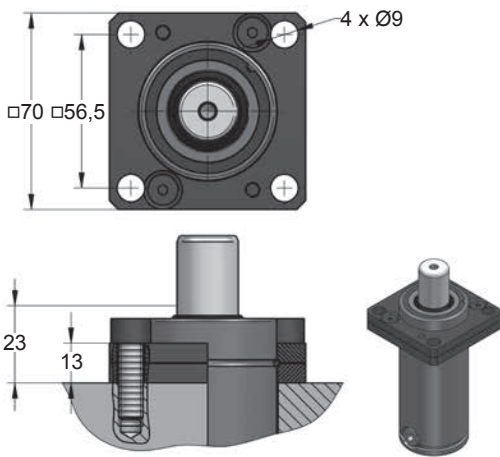
Heavy Duty

<b>MODEL</b>	<b>X</b>	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
<b>SERIES</b>	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE

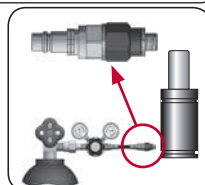
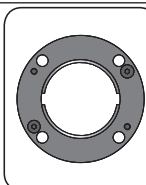
## A14-050



## A34-050



**SEAL KIT S-XXXXXXX**  
**CARTRIDGE KIT C-XXXXXXX**



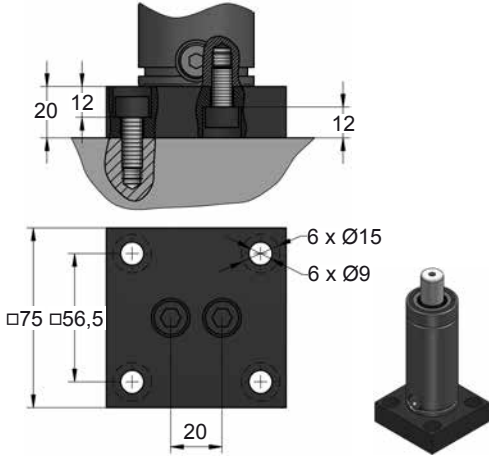
<b>CODE</b>	<b>CM 1000 050 V1</b>	<b>KIT S-XXXXXXX KIT C-XXXXXXX</b>	<b>A14-050</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

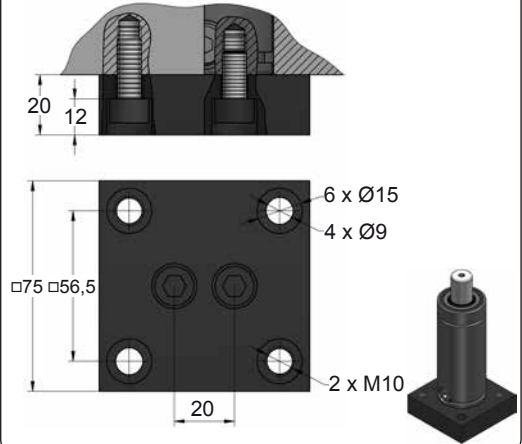
Heavy Duty



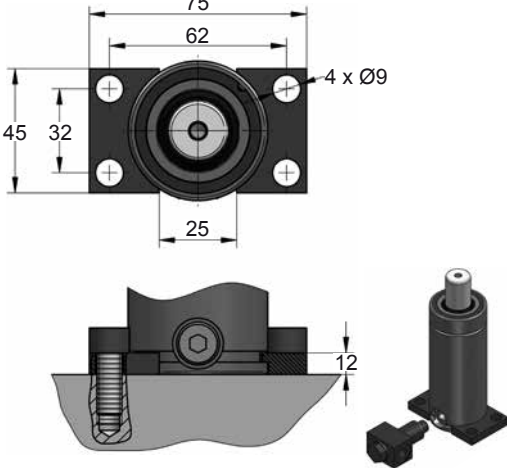
## B21-050



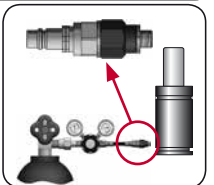
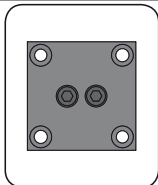
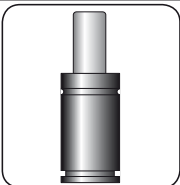
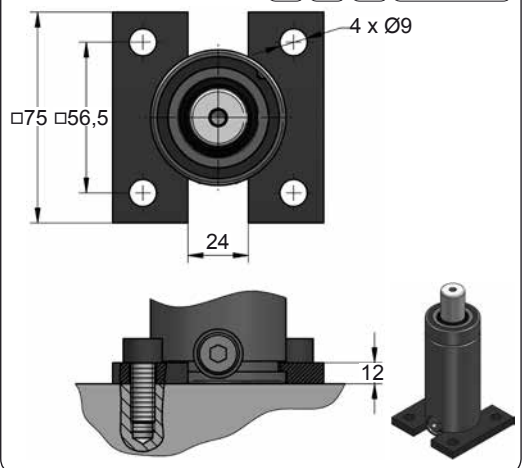
## B76-050



## C05-050



## C20-050



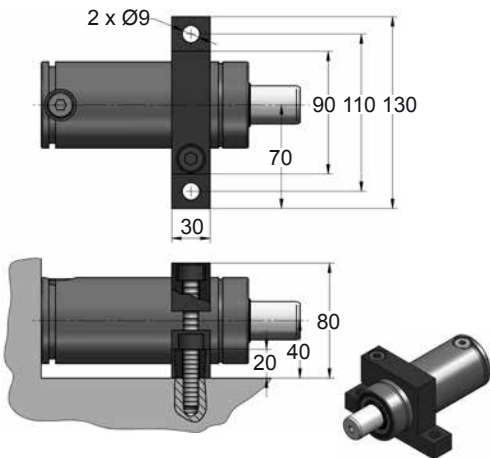
CODE	CM 1000 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	B21-050	18 CG 1-Q
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA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

# CM 1000 V1 MOUNTS

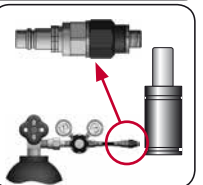
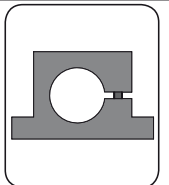
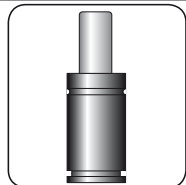
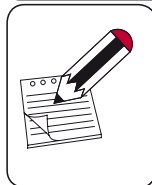
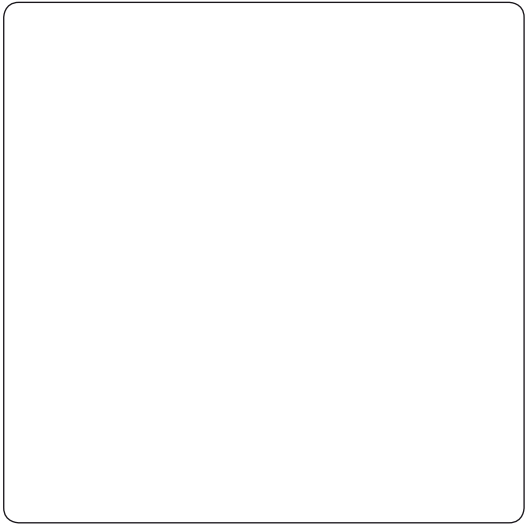
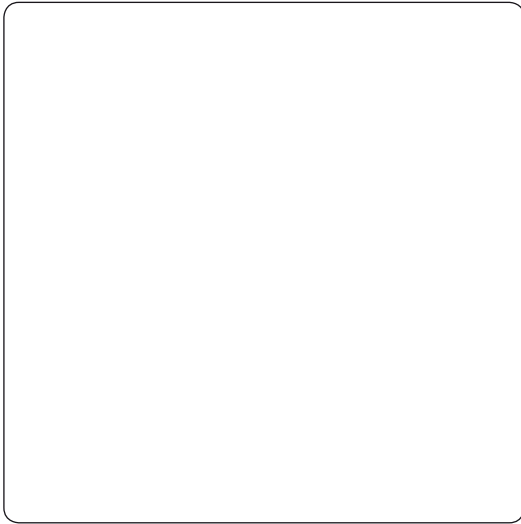
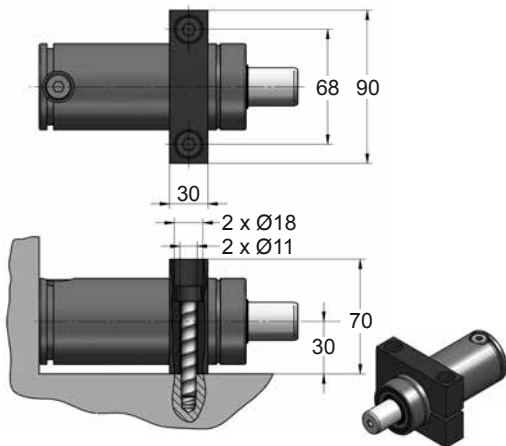
Heavy Duty



## D02-050



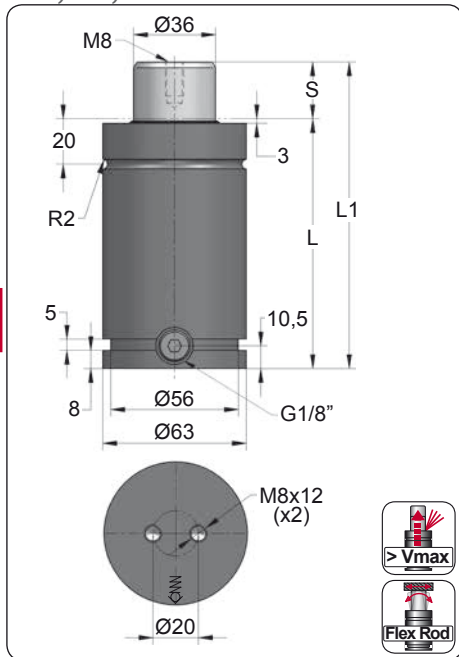
## D67-050



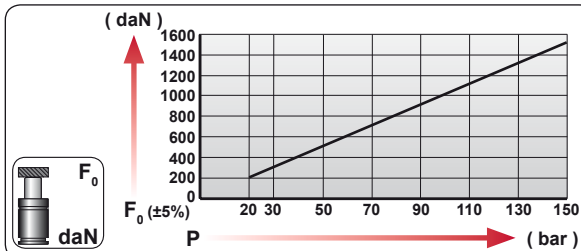
CODE	CM 1000 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	D02-050	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

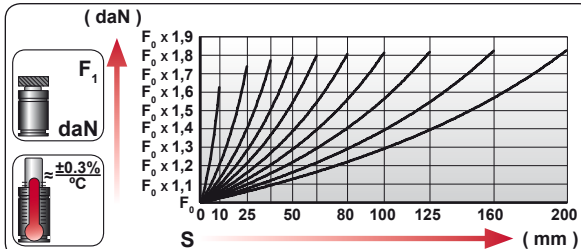
Heavy Duty



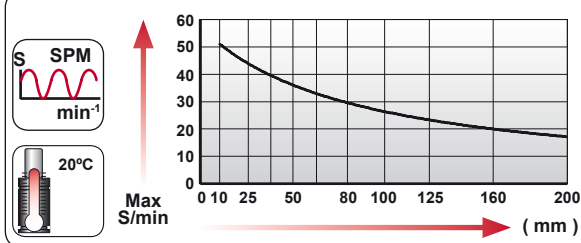
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CM 1500 010 V1	10	105	95	1.84
CM 1500 025 V1	25	135	110	2.03
CM 1500 038 V1	38	161	123	2.20
CM 1500 050 V1	50	185	135	2.35
CM 1500 063 V1	63	211	148	2.51
CM 1500 080 V1	80	245	165	2.73
CM 1500 100 V1	100	285	185	2.98
CM 1500 125 V1	125	345	220	3.38
CM 1500 160 V1	160	415	255	3.82
CM 1500 200 V1	200	495	295	4.32



CODE		Pressure			
		bar	psi		
CM 1500 050 V1		150	2175	1530	2730
CM-H 1500 050 V1		0	0	---	---



ENG	ORDER		
DEU	BESTELLUNG	daN	mm
FRA	COMMANDE		
ITA	ORDINE		
ESP	PEDIDO		
POR	PEDIDO		
	CM 1500 50		
	CM 1500 050 V1		



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

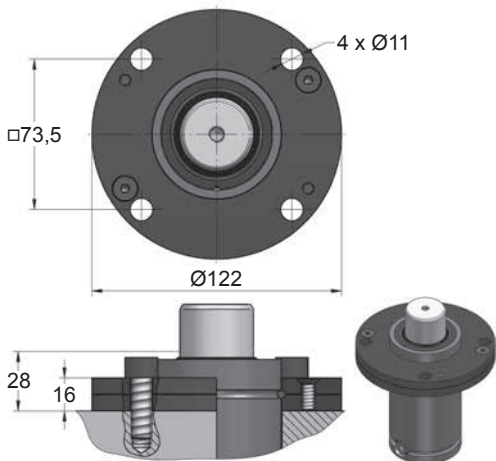


# CM 1500 V1 MOUNTS

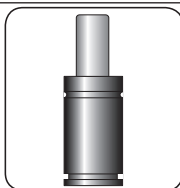
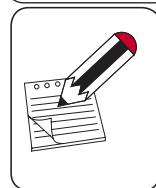
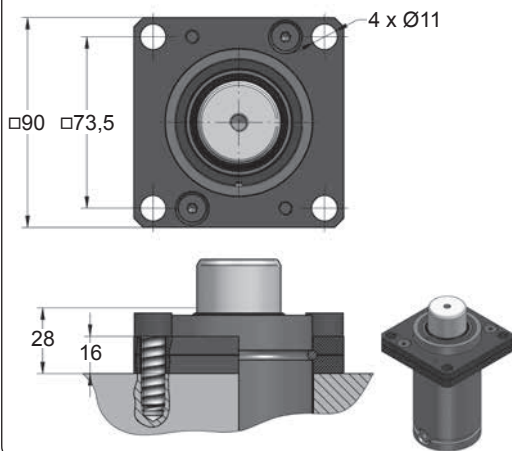
Heavy Duty

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

## A14-063

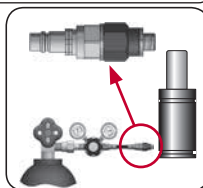
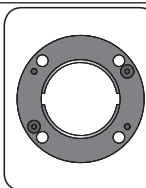


## A39-063



SEAL  
KIT S-XXXXXXX

CARTRIDGE  
KIT C-XXXXXXX



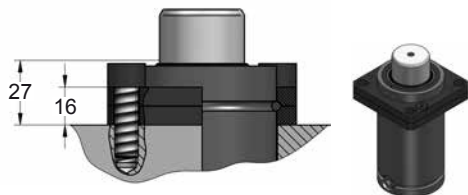
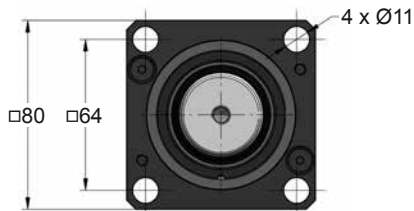
CODE	CM 1500 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-063	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

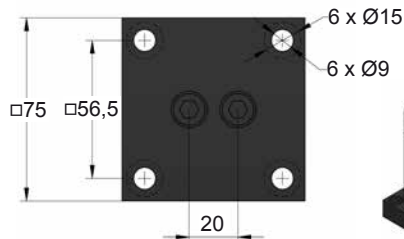
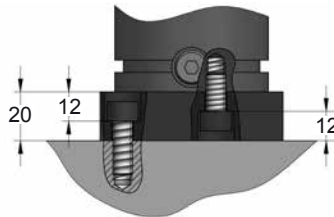
Heavy Duty

**AZOL**  
**GAS**

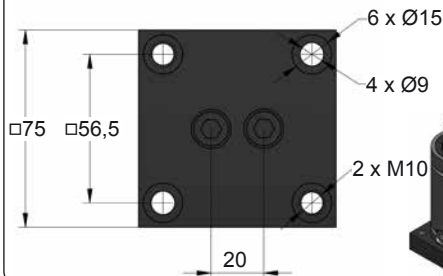
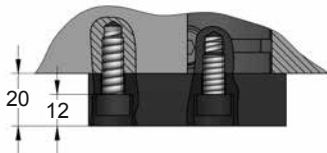
## A69-063



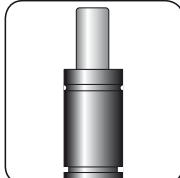
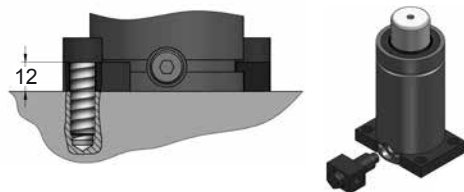
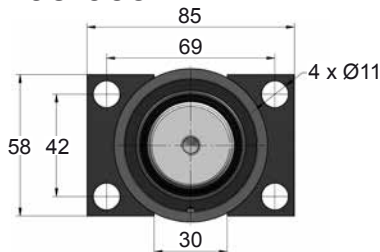
## B21-063



## B76-063



## C05-063

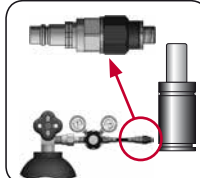
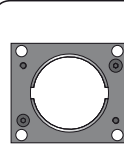


SEAL

KIT S-XXXXXXX

CARTRIDGE

KIT C-XXXXXXX



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

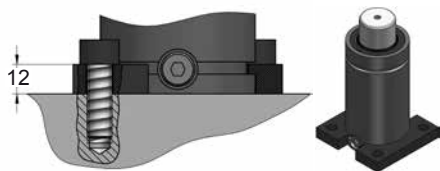
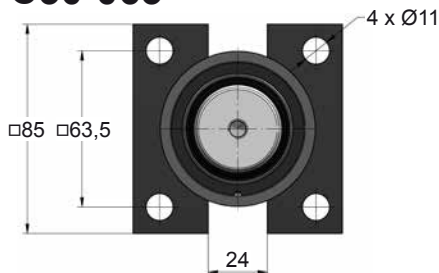




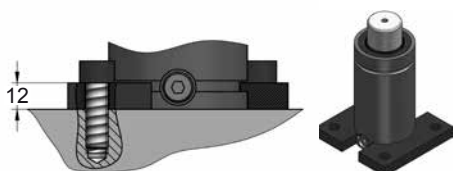
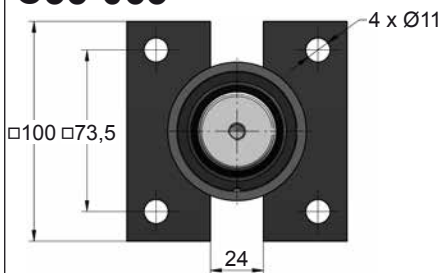
# CM 1500 V1 MOUNTS

Heavy Duty

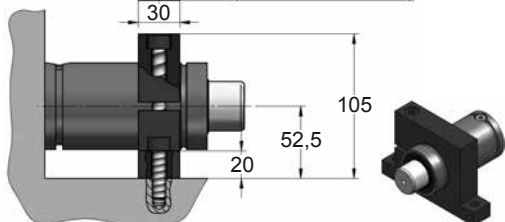
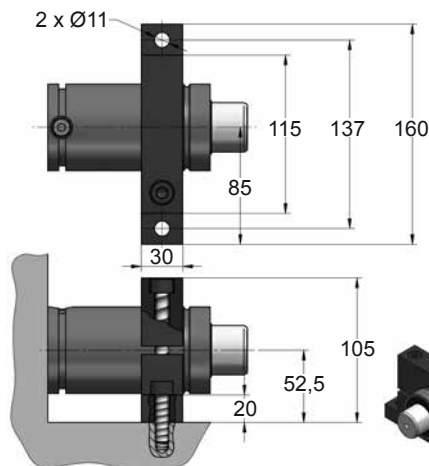
## C30-063



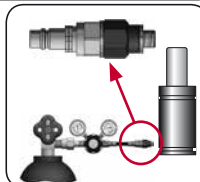
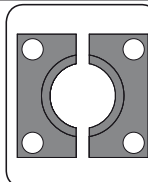
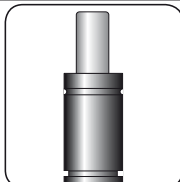
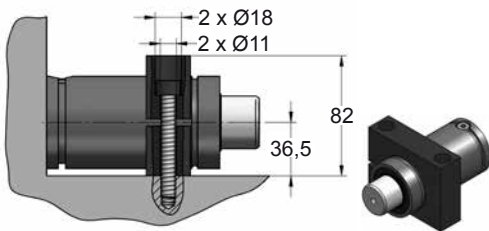
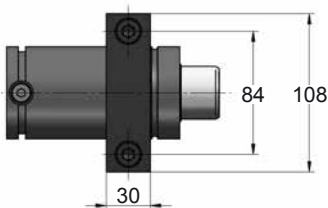
## C35-063



## D02-063



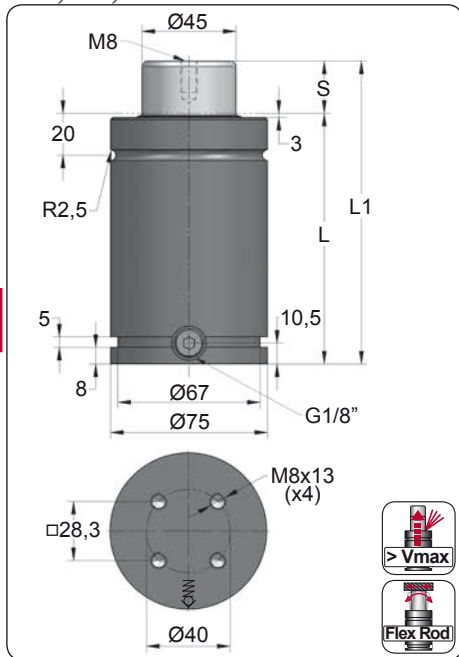
## D67-063



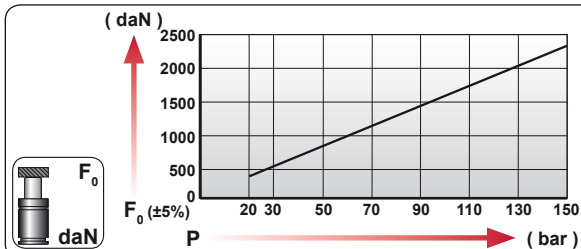
CODE	CM 1500 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	C30-063	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

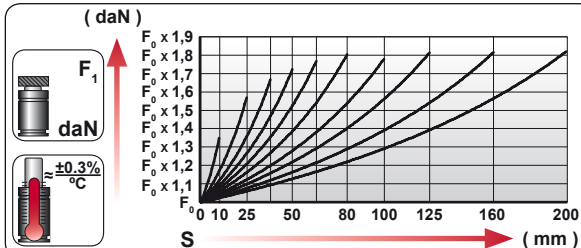
Heavy Duty



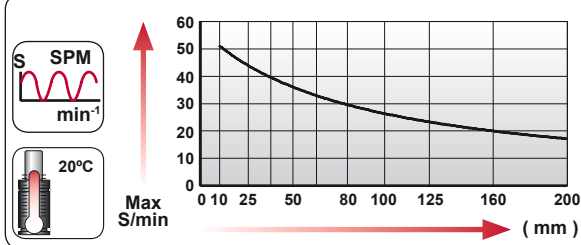
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CM 2500 010 V1	10	115	105	2.70
CM 2500 025 V1	25	145	120	2.95
CM 2500 038 V1	38	171	133	3.18
CM 2500 050 V1	50	195	145	3.38
CM 2500 063 V1	63	221	158	3.60
CM 2500 080 V1	80	255	175	3.90
CM 2500 100 V1	100	300	200	4.29
CM 2500 125 V1	125	350	225	4.72
CM 2500 160 V1	160	425	265	5.37
CM 2500 200 V1	200	510	310	6.11



CODE					
		bar	psi		
CM 2500 050 V1		155	2450	2465	4250
CM-H 2500 050 V1		0	0	---	---



	ENG	ORDER		
	DEU	BESTELLUNG		
	FRA	COMMANDE		
	ITA	ORDINE		
	ESP	PEDIDO		
POR	PEDIDO			
	CM	2500	50	
	CM 2500 050 V1			



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N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi 20 290	bar psi 160 2320	°C °F 0 32	°C °F 80 176	600 CP-
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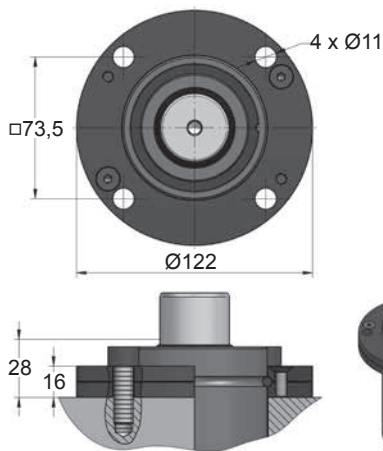


# CM 2500 V1 MOUNTS

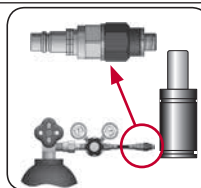
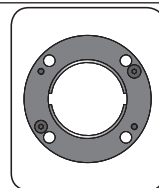
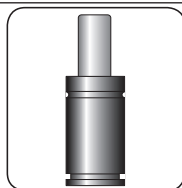
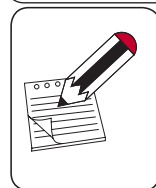
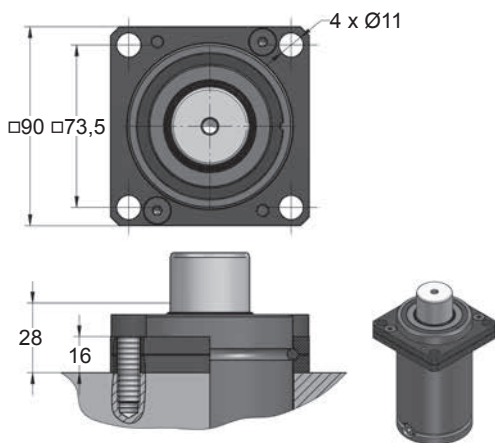
Heavy Duty

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

## A14-075



## A34-075




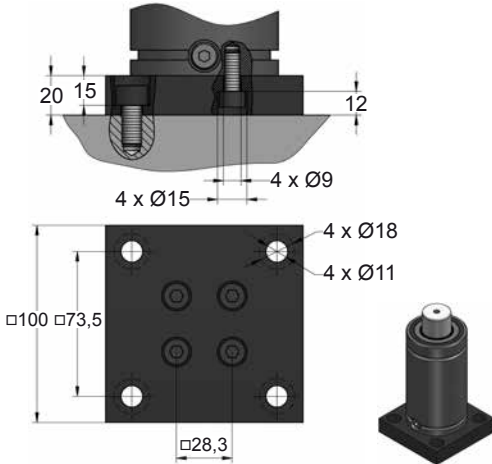
<b>CODE</b>	<b>CM 2500 050 V1</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-075</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

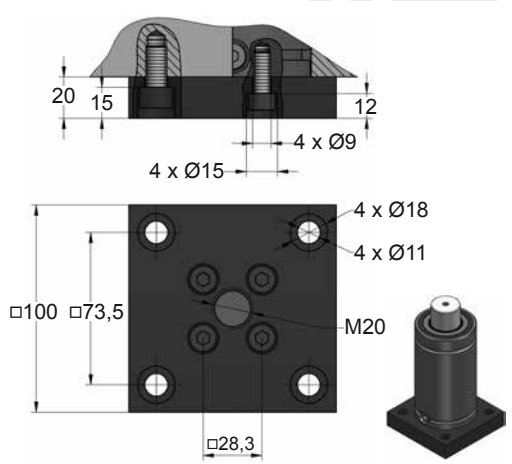
Heavy Duty

**AZOL**  
**GAS**

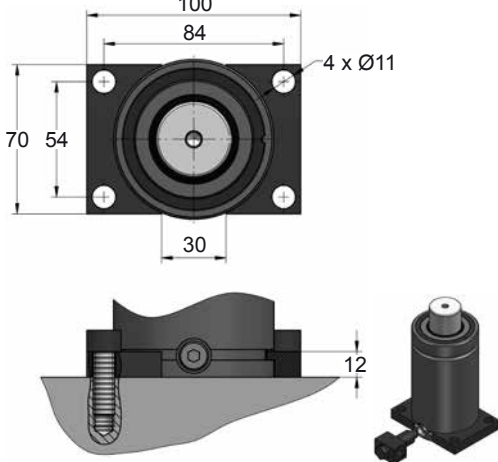
## B21-075

 EM24.54.700/F


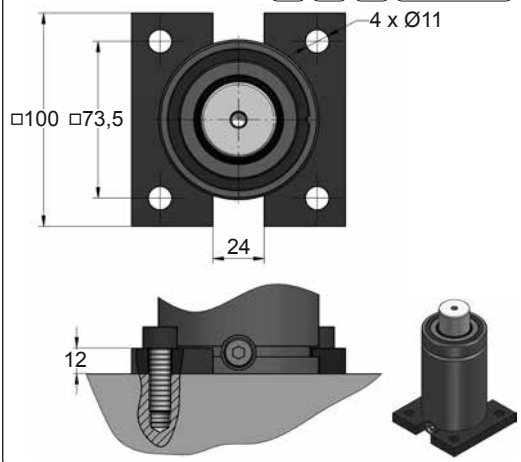
## B76-075

   E24.54.815.G  
EM24.54.700/F


## C05-075

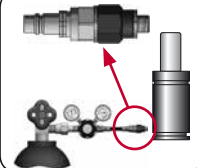
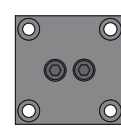


## C20-075

    E24.54.815.G  
EM24.54.700/F


**SEAL**  
**KIT S-XXXXXXX**

**CARTRIDGE**  
**KIT C-XXXXXXX**


**CODE**
**CM 2500 050 V1**
**KIT S-XXXXXXX**  
**KIT C-XXXXXXX**
**B21-075**
**18 CG 1-Q**

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

GAS SPRING  
 GASDRUCKFEDER  
 RESSORT À GAZ  
 CILINDRO AD AZOTO  
 RESORTE DE GAS  
 CILINDRO DE GAS

REPAIR KIT  
 ERSATZTEILSATZ  
 KIT DE RÉPARATION  
 KIT DI MANUTENZIONE  
 KIT DE REPARACION  
 KIT DE MANUTENÇÃO

FLANGE  
 FLANSCHEN  
 BRIDE  
 FLANGE  
 BRIDA  
 FLANGE

CHARGING ADAPTER  
 LADEADAPTER  
 RACCORD DE CHARGE  
 ADATTATORE DI CARICO  
 ADAPTADOR DE CARGA  
 ADAPTADOR DE CARGA



# CM 2500 V1 MOUNTS

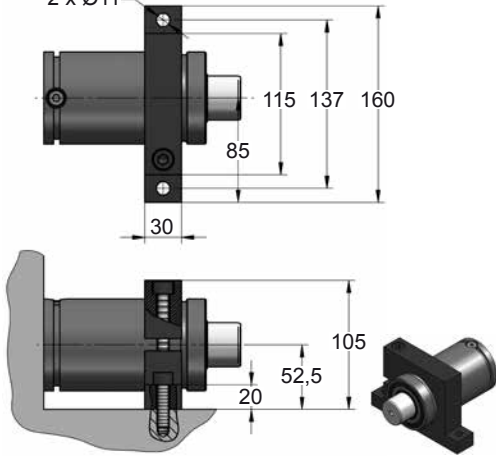
Heavy Duty

## D02-075

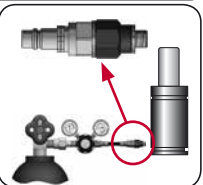
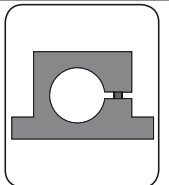
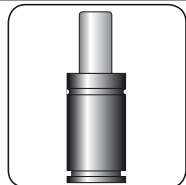
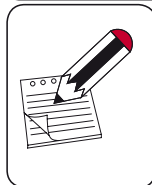
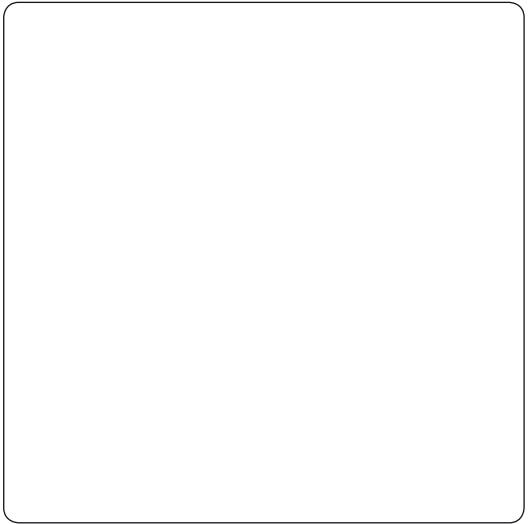
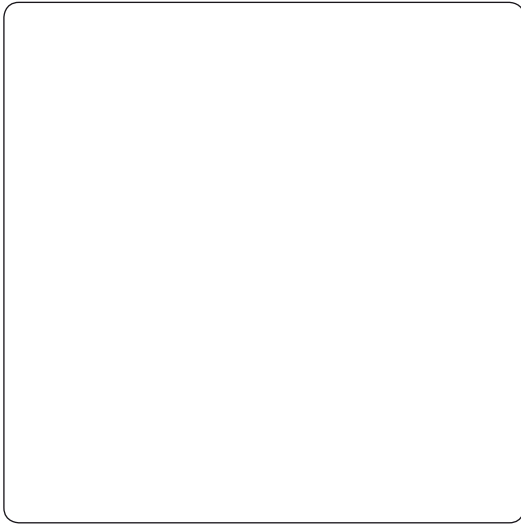
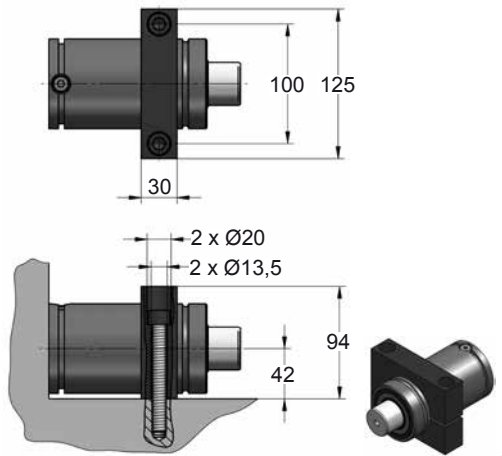
2 x Ø11



E24.54.815.G  
EM24.54.700F



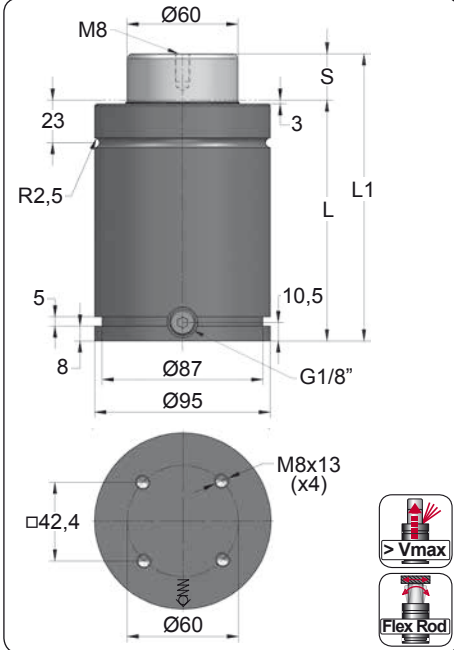
## D67-075



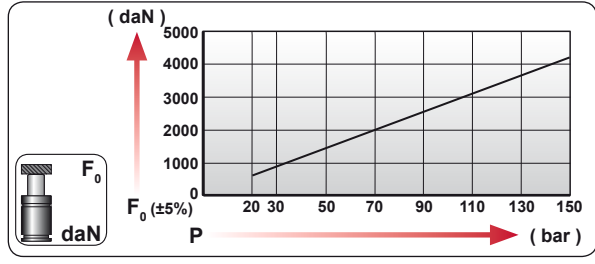
CODE	CM 2500 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	D02-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

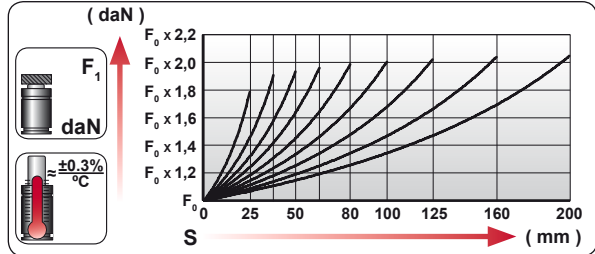
Heavy Duty



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

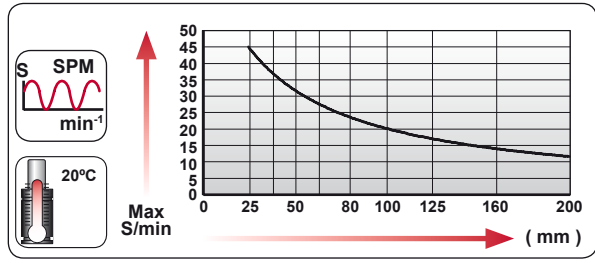


CODE		Pressure			
		bar	psi		
CM 4000 050 V1		140	2030	3960	7660
CM-H 4000 050 V1		0	0	---	---



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

daN     mm  
**CM 4000 50**  
**CM 4000 050 V1**



	$S_{max} < 90\%$	$V_{max} 1,6 \text{ m/s}$	Pmin (20°C)	Pmax (20°C)	Tmin	Tmax	
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N <sub>2</sub>	$S_{max} < 90\%$	$V_{max} 1,6 \text{ m/s}$	bar psi 20 290	bar psi 150 2175	°C °F 0 32	°C °F 80 176	600 CP-
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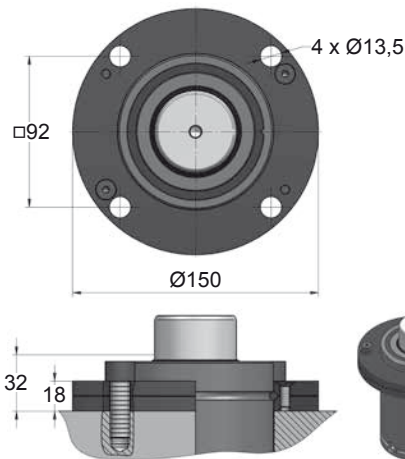


# CM 4000 V1 MOUNTS

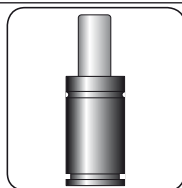
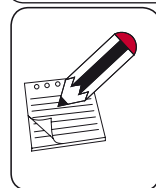
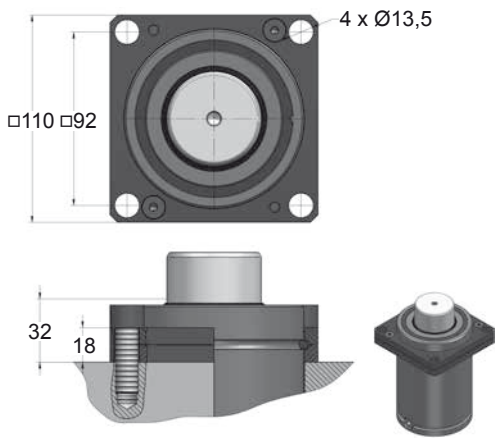
Heavy Duty

MODEL	✗ CW 4200 KZ 4200	✗	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

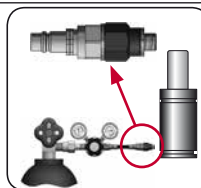
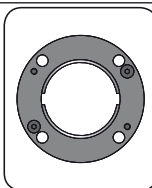


## A34-095



SEAL  
KIT S-XXXXXXX

CARTRIDGE  
KIT C-XXXXXXX



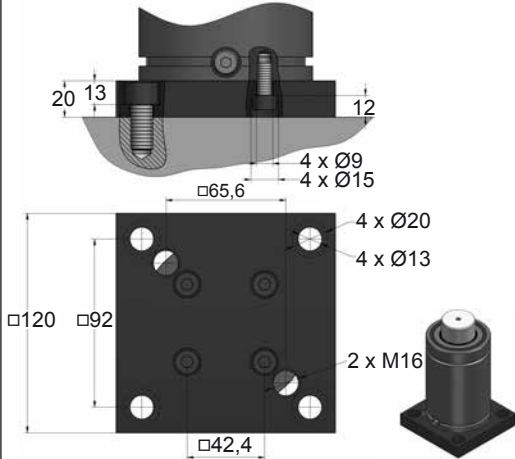
CODE	CM 4000 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

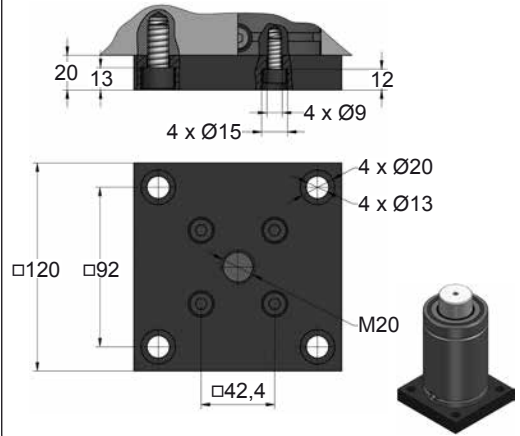
Heavy Duty

**AZOL**  
**GAS**

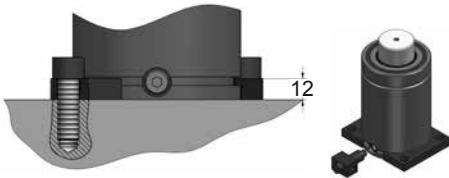
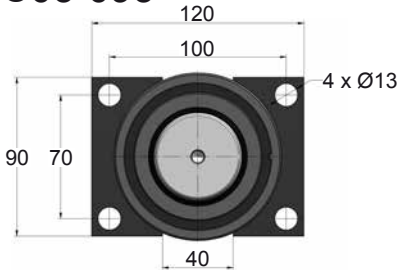
## B21-095



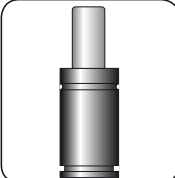
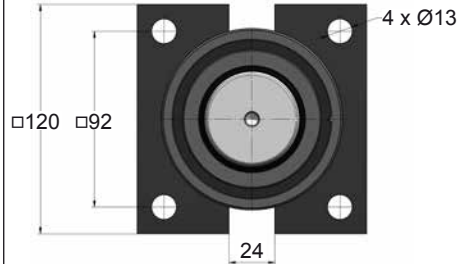
## B76-095



## C05-095

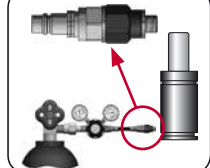
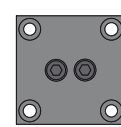


## C20-095



**SEAL**  
**KIT S-XXXXXXX**

**CARTRIDGE**  
**KIT C-XXXXXXX**



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

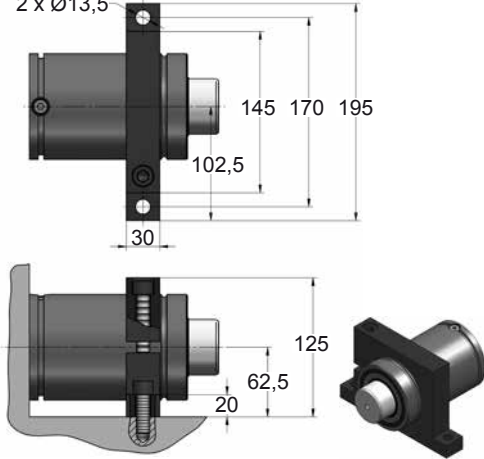


# CM 4000 V1 MOUNTS

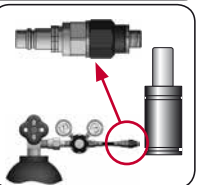
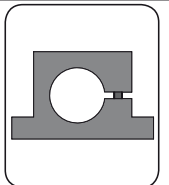
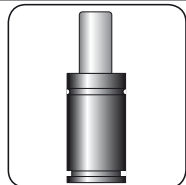
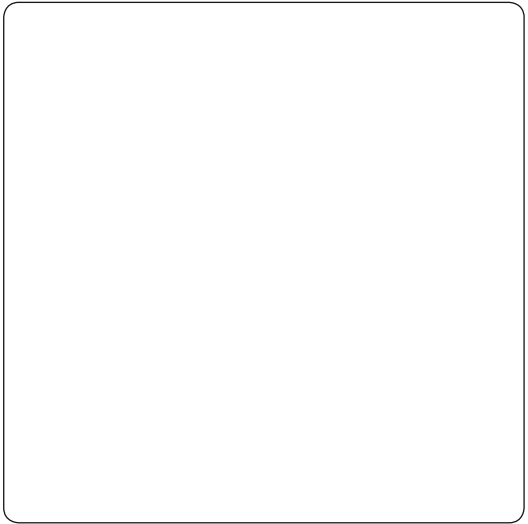
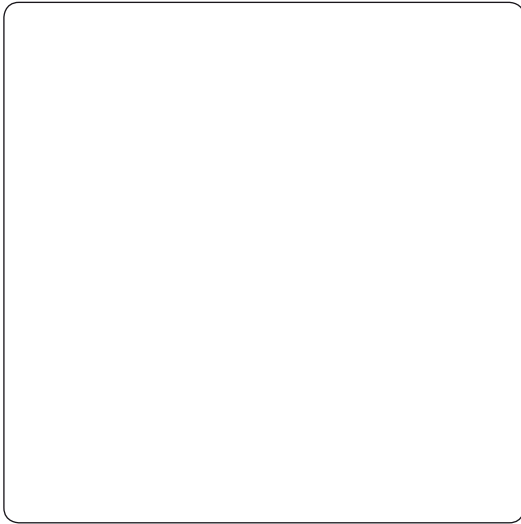
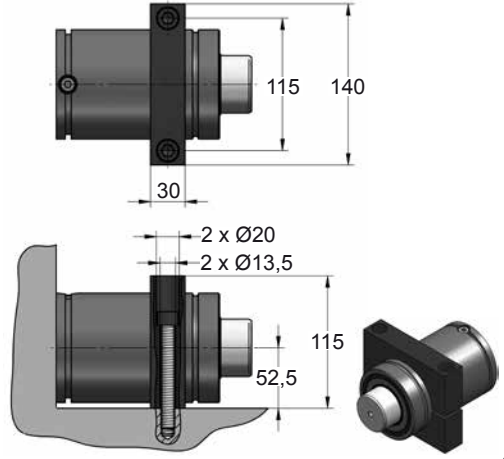
Heavy Duty

## D02-095

2 x Ø13,5



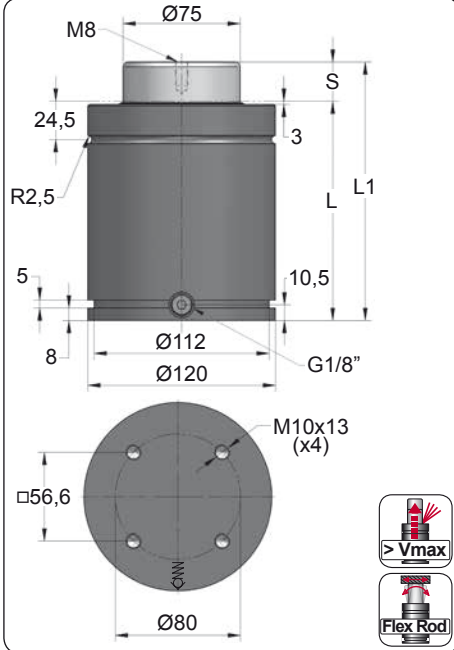
## D67-095



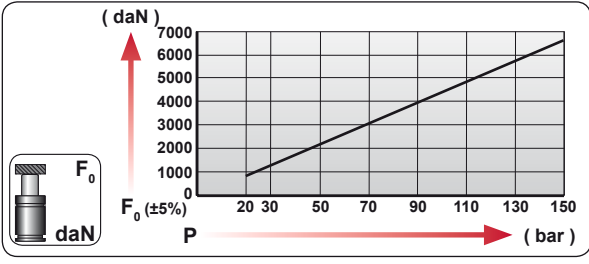
CODE	CM 4000 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	D02-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

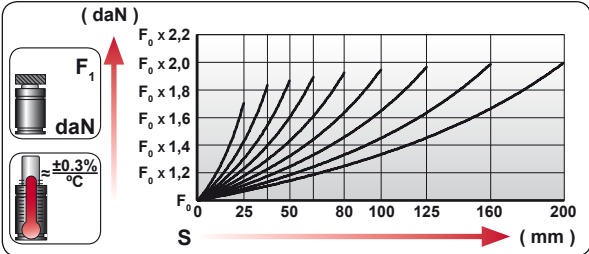
Heavy Duty



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



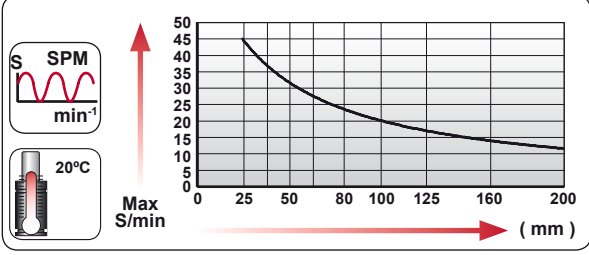
CODE				
		bar psi	daN	daN
CM 6500 050 V1		145 2105	6405	11950
CM-H 6500 050 V1		0 0	---	---



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

F<sub>0</sub> daN  
 S mm

**CM 6500 50**  
**CM 6500 050 V1**



N<sub>2</sub>  
 S<sub>max</sub> < 90%  
 V<sub>max</sub> 1,6 m/s  
 P<sub>min</sub> (20°C)  
 P<sub>max</sub> (20°C)  
 T<sub>min</sub>  
 T<sub>max</sub>  
 600 CP-

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	



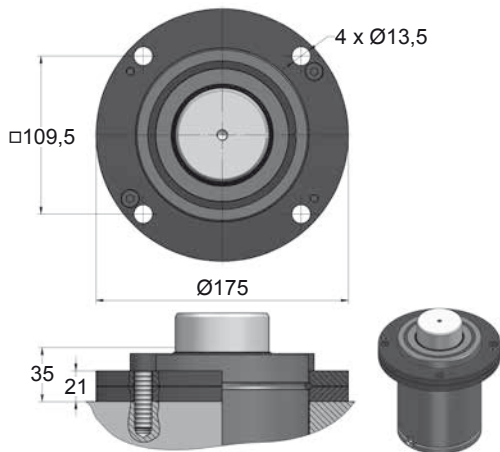
# CM 6500 V1 MOUNTS

Heavy Duty

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

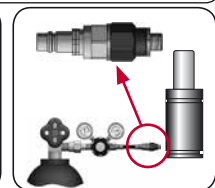
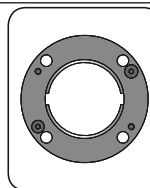
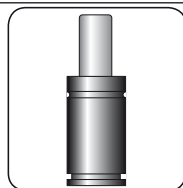
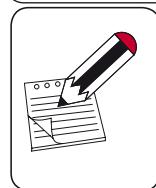
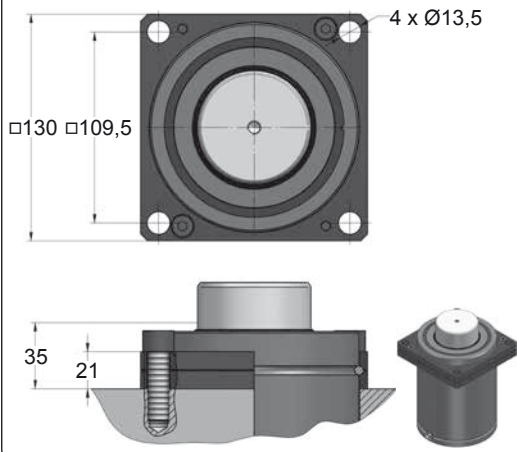
## A14-120

ISO VALVE TYP. E24.54.815.G EM24.54.700IF



## A34-120

ISO VDI




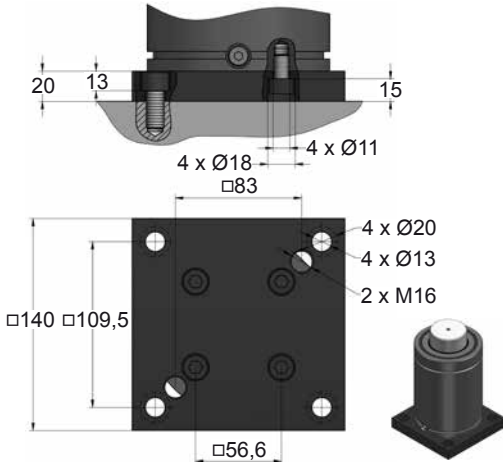
<b>CODE</b>	<b>CM 6500 050 V1</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-120</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

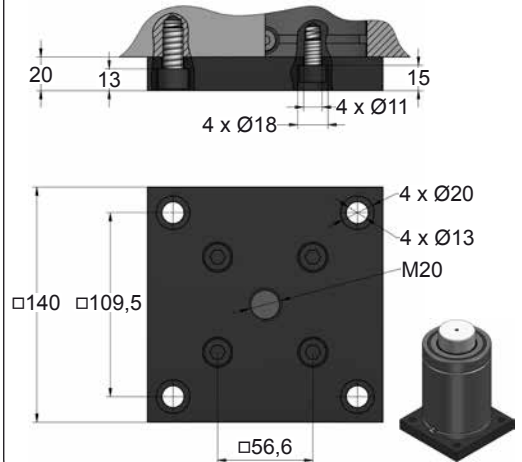
Heavy Duty

**AZOL**  
**GAS**

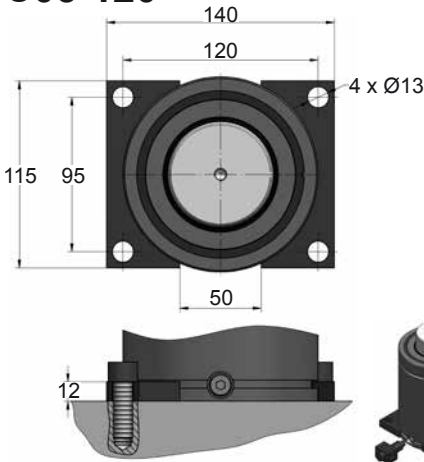
## B21-120

 EM24.54.700/F


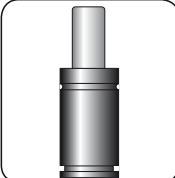
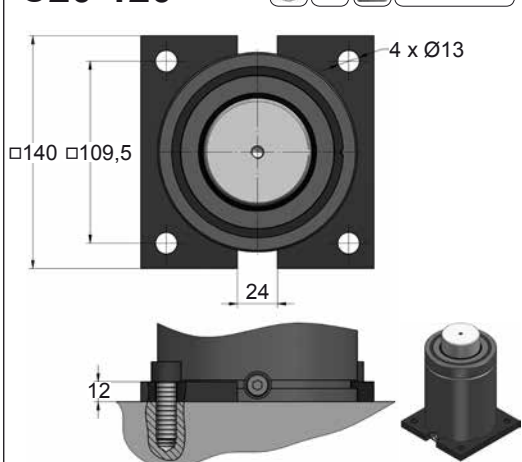
## B76-120

   EM24.54.700/F


## C05-120

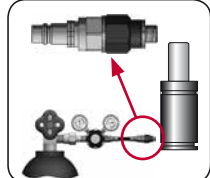
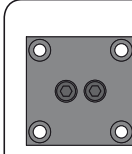


## C20-120

    E24.54.815 G  
EM24.54.700/F


SEAL  
 KIT S-XXXXXXX

CARTRIDGE  
 KIT C-XXXXXXX



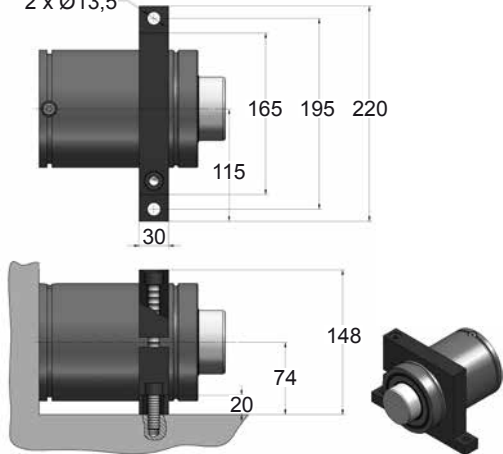
CODE	CM 6500 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	B21-120	18 CG 1-Q
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCHBE	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA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

# CM 6500 V1 MOUNTS

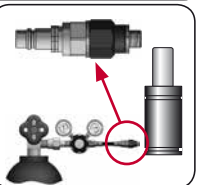
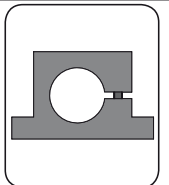
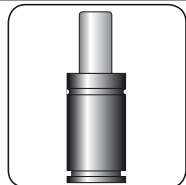
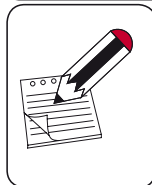
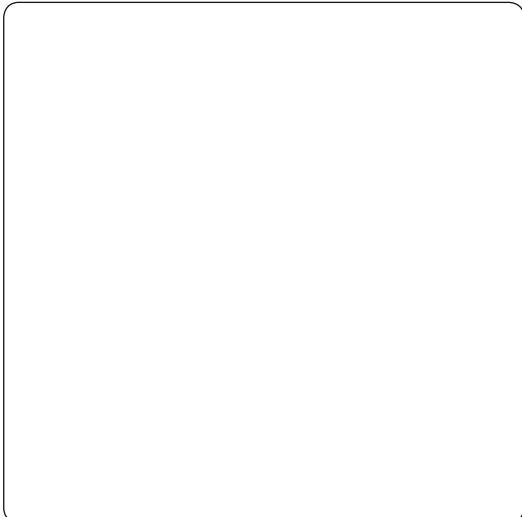
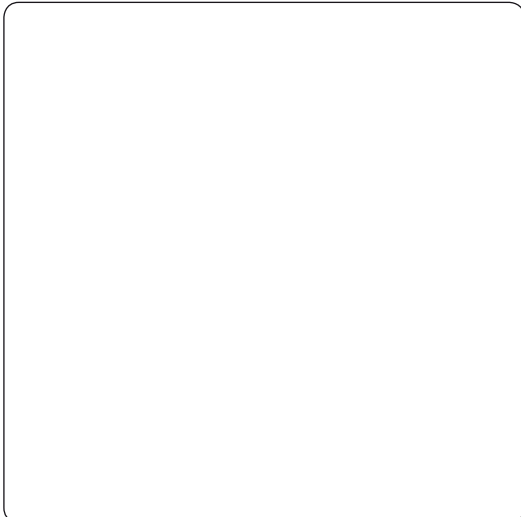
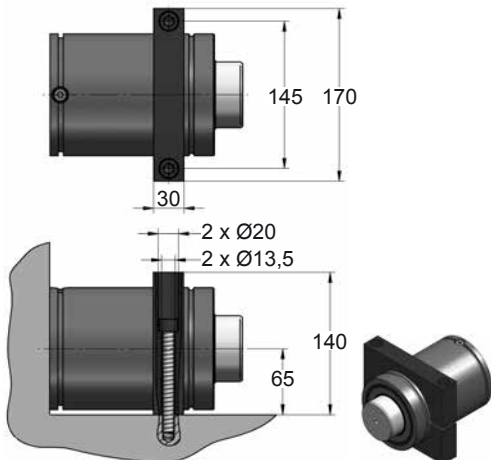
Heavy Duty

## D02-120

2 x Ø13,5



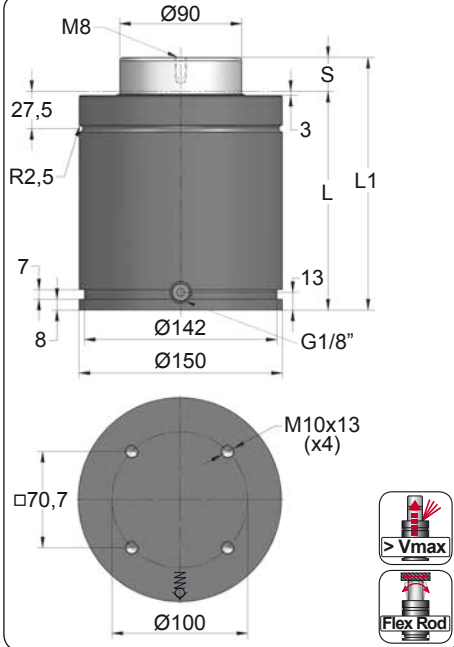
## D67-120



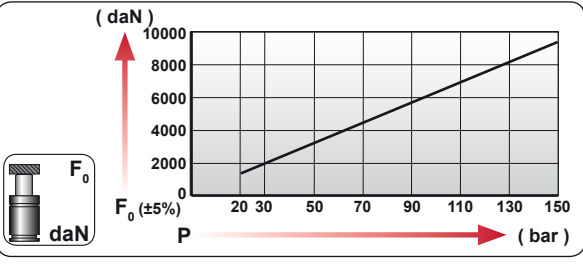
CODE	CM 6500 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	D02-120	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

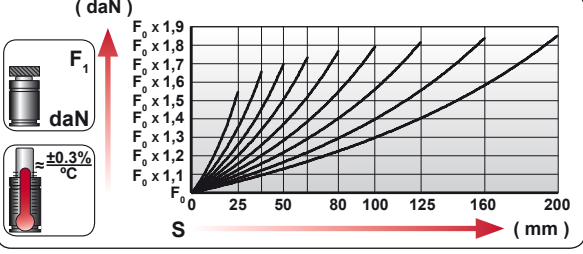
Heavy Duty



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		Pressure		Force	
		bar	psi	daN	daN
CM 10000 050		150	2175	9540	16200
CM-H 10000 050		0	0	---	---

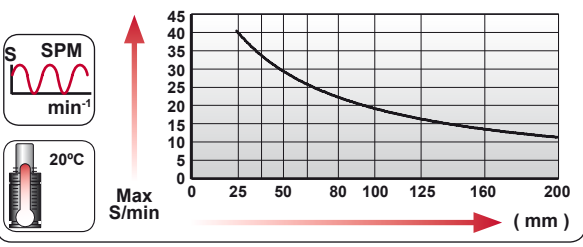


ENG ORDER  
 DEU BESTELLUNG  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO

$F_0$  daN    S mm

**CM 10000 50**

**CM 10000 050**



	$S_{max} < 100\%$	$v$					
$N_2$	$S_{max} < 90\%$	$v_{max} 1,6 \text{ m/s}$	$P_{min} (20^\circ C)$	$P_{max} (20^\circ C)$	$T_{min}$	$T_{max}$	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	160	2320	0	32	80	176



# CM 10000 MOUNTS

Heavy Duty

	<b>Ø150</b>			<b>Ø150</b>	<b>Ø150</b>		<b>Ø150</b>	
	<b>L1=178</b>			<b>L1=205</b> <b>L1=236</b> <b>L1=255</b>	<b>L1=255</b>		<b>L1=270</b>	
<b>MODEL</b>	<b>×</b> CW 9500 CW 11800	<b>×</b>	<b>×</b>	GN 7500 CM 10000 CD 9600	AG 7500	<b>×</b>	CS 18300	
<b>SERIES</b>	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

## A14-150

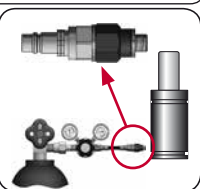
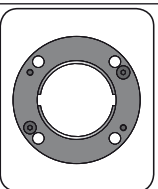
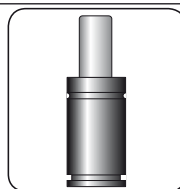
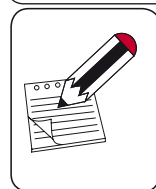
ISO VDI E24.54.815.G EM24.54.700IF

4 x Ø17,5  
Ø138  
Ø220  
41

## A34-150

ISO VDI

4 x Ø17,5  
Ø162 Ø138  
41



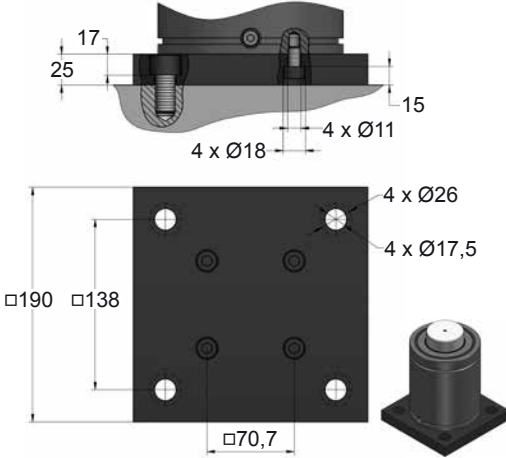
<b>CODE</b>	<b>CM 10000 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-150</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA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

# CM 10000 MOUNTS

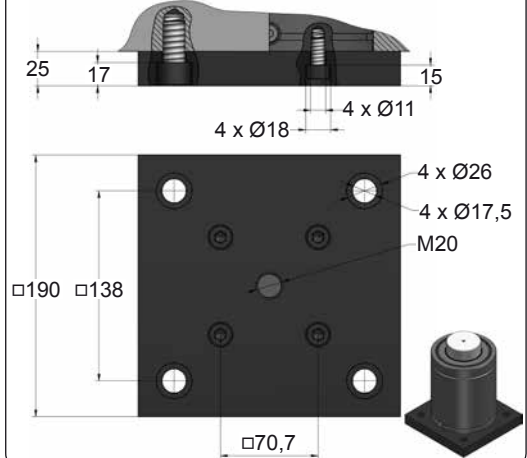
Heavy Duty



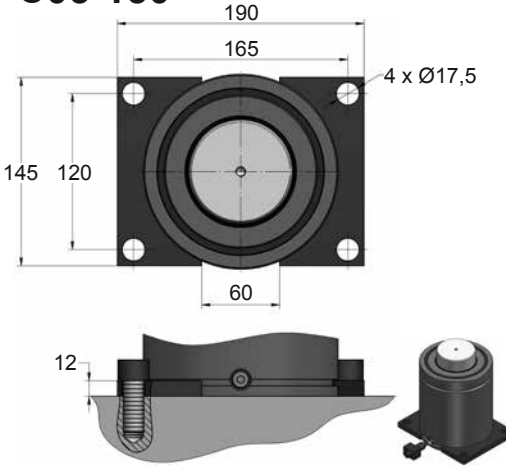
## B21-150



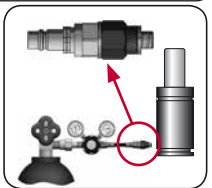
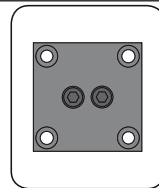
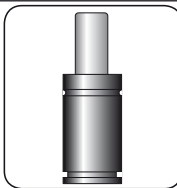
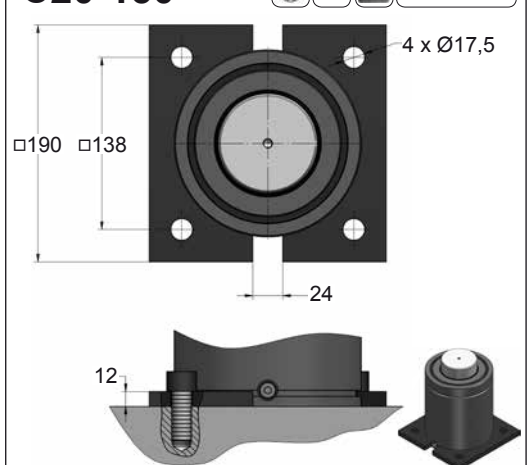
## B76-150



## C05-150



## C20-150



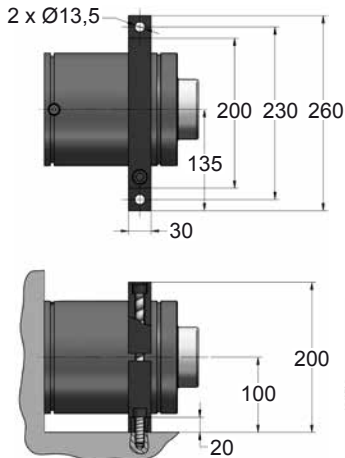
CODE	CM 10000 050	KIT S-XXXXXXX KIT C-XXXXXXX	B21-150	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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



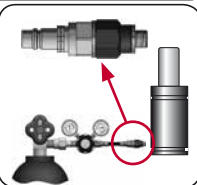
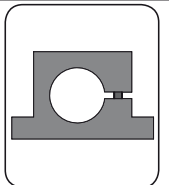
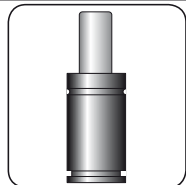
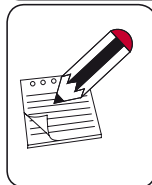
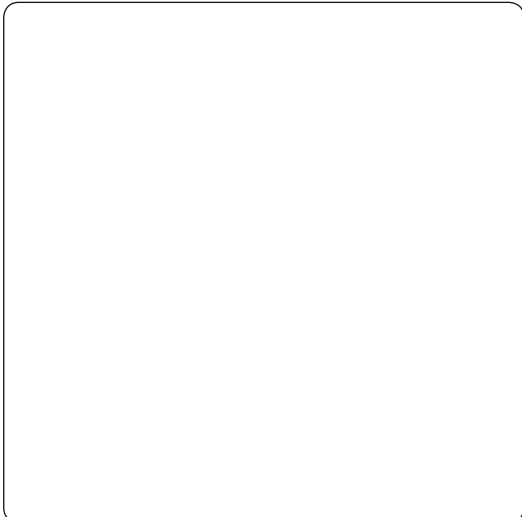
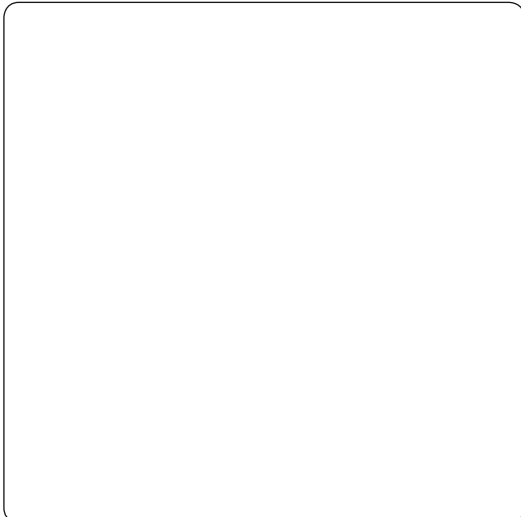
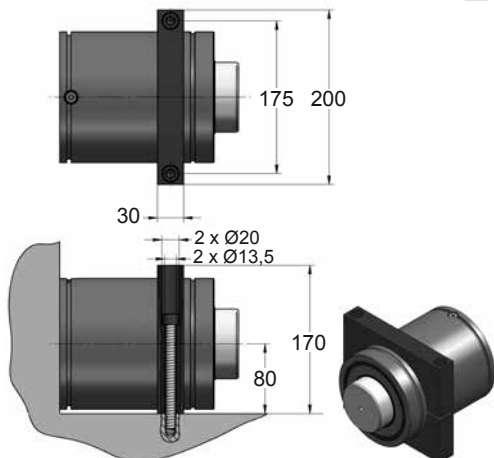
# CM 10000 MOUNTS

Heavy Duty

## D02-150















## D67-150



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

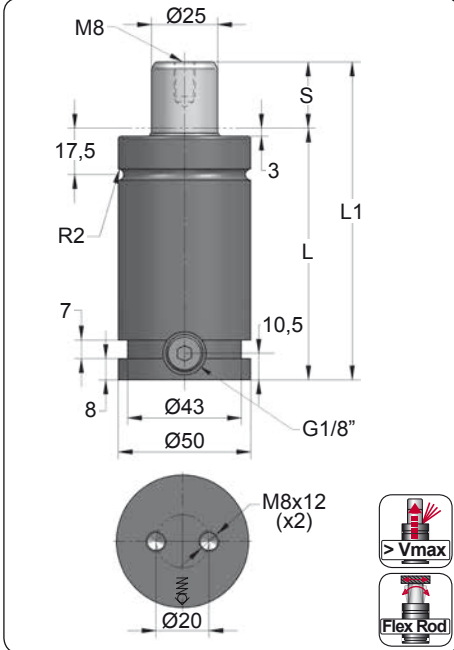


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GN 750	750	$\emptyset 50$	12.5 - 175	95 - 420	150	G1/8"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GN 1500	1500	$\emptyset 75$	25 - 200	135 - 485	150	G1/8"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GN 3000	3000	$\emptyset 95$	25 - 225	145 - 545	150	G1/8"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GN 5000	5000	$\emptyset 120$	25 - 250	152.5 - 602.5	150	G1/8"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GN 7500	7500	$\emptyset 150$	25 - 250	155 - 605	150	G1/8"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

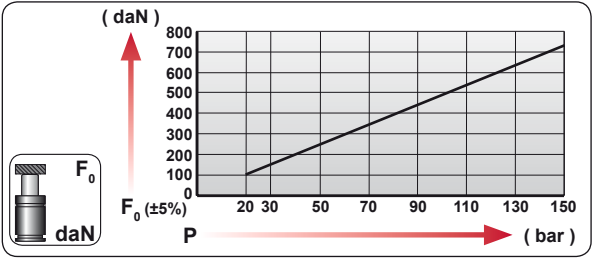
		$50$	$50$	$50$	$50$	$50$	$50$	$50$
 $s$ mm								
 $\emptyset$ mm		$\emptyset 50$	$\emptyset 50$	$\emptyset 50$	$\emptyset 50$	$\emptyset 50$	$\emptyset 50$	$\emptyset 50$
 $L1$ mm		$L1=138$ $L1=152$	$L1=138$	$L1=138$ $L1=150$ $L1=150$	$L1=170$ $L1=185$ $L1=195$	$L1=195$	$L1=165$ $L1=175$	$L1=220$
 $F_0$ daN		$1000$ $1000$	$1000$	$1000$ $1000$ $750$	$750$ $1000$ $1000$	$750$	$1700$ $2000$	$1800$
MODEL	$\times$	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
								

# GN 750

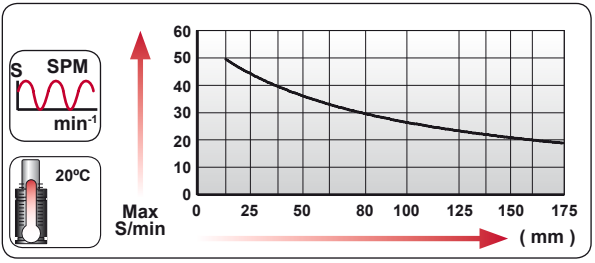
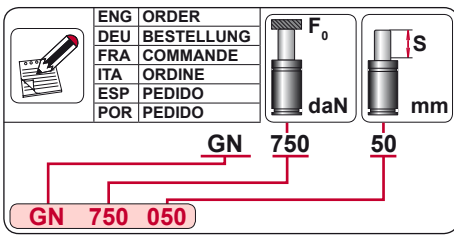
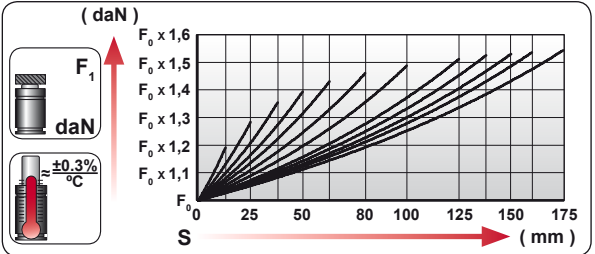
Heavy Duty



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



CODE		Pressure			
		bar	psi		
GN 750 050		150	2175	740	1030
GN-H 750 050		0	0	---	---



N<sub>2</sub>

S<sub>max</sub> < 90%







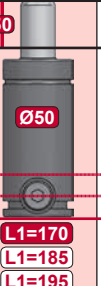
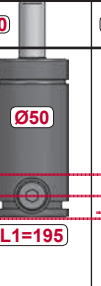



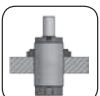





V<sub>max</sub> 1,6 m/s

P<sub>min</sub> (20°C)  
P<sub>max</sub> (20°C)

T<sub>min</sub>  
T<sub>max</sub>

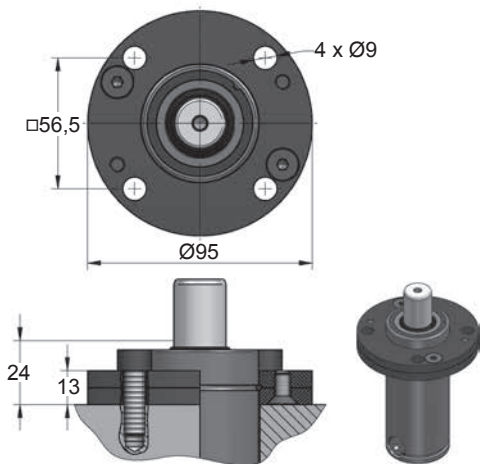
600 CP-

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

									
			Ø50 L1=138 L1=152	Ø50 L1=138	Ø50 L1=138 L1=150 L1=150	Ø50 L1=170 L1=185 L1=195	Ø50 L1=195	Ø50 L1=165 L1=175	Ø50 L1=220
MODEL	×	CW 1000 KZ 1000	AS 1000	CT 1000 CK 1000 FD 750	<b>GN 750</b> CM 1000 CD 1000	AG 750	CPH 1700 CP 2000	CS 1800	
SERIES	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	<b>HEAVY DUTY</b>	ISO	HEAVY LOAD	POWER COMPACT STROKE	
									

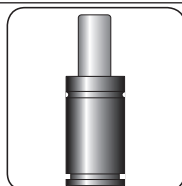
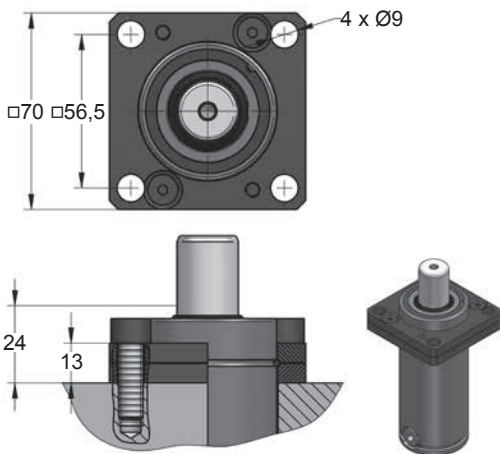
## A14-050

ISO VALVE TEST ISO E24.54.815.G EM24.54.700/F

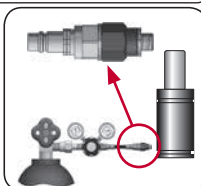
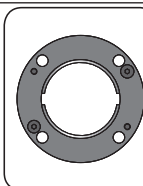


## A34-050

ISO VDI



SEAL KIT S-XXXXXXX  
CARTRIDGE KIT C-XXXXXXX



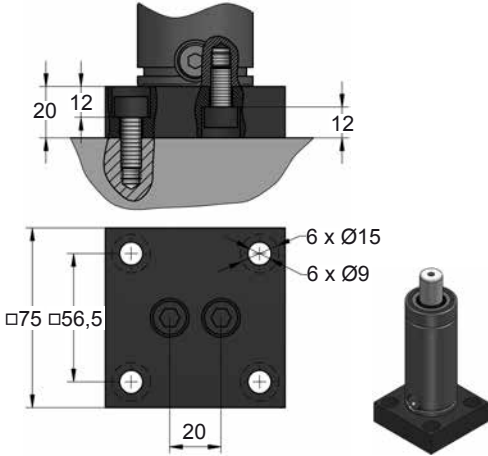
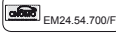
CODE	<b>GN 750 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-050</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

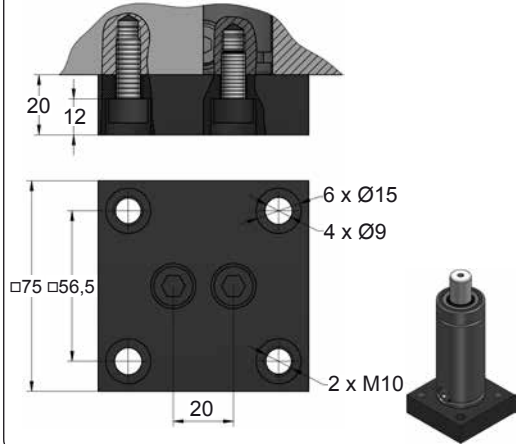
Heavy Duty



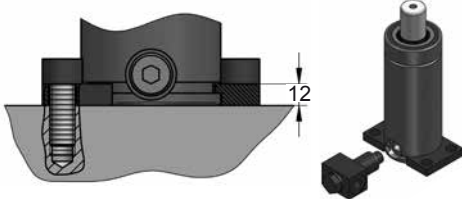
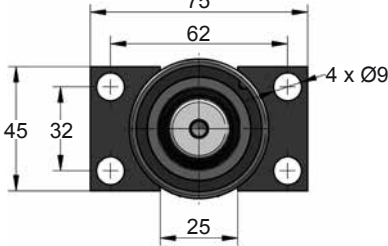
## B21-050



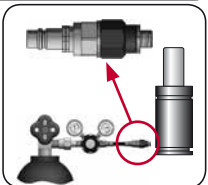
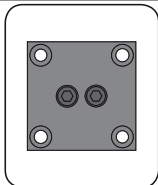
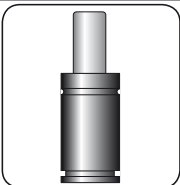
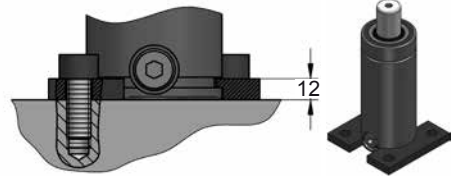
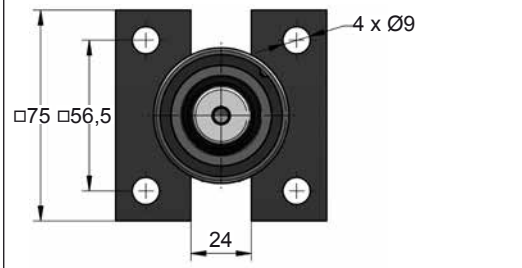
## B76-050



## C05-050

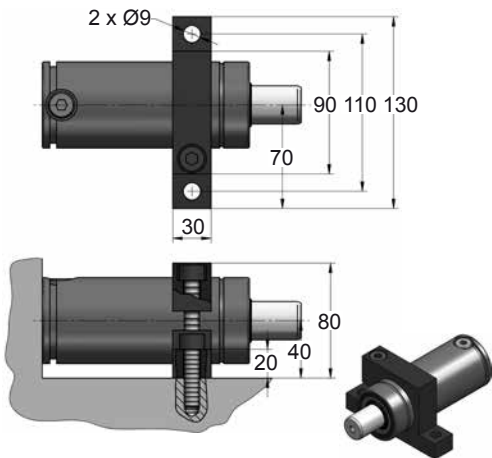


## C20-050

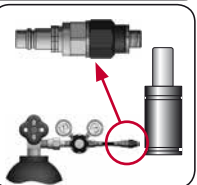
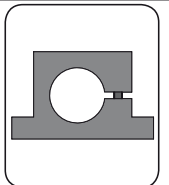
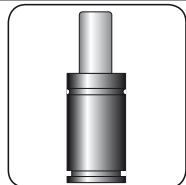
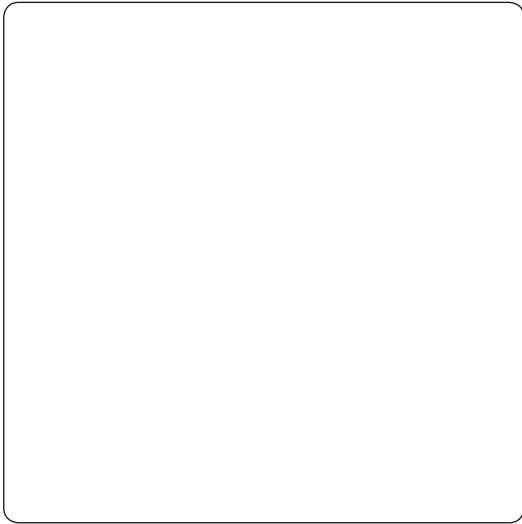
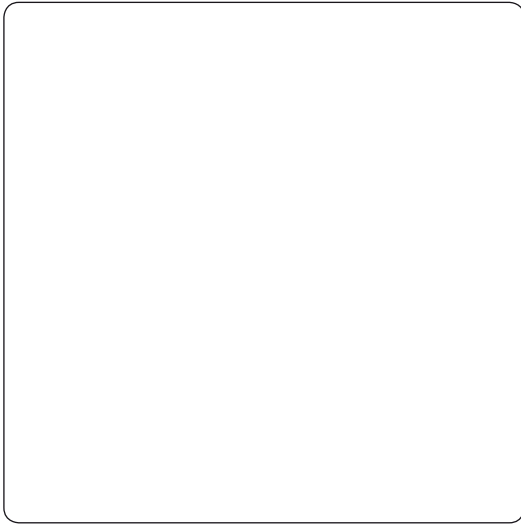
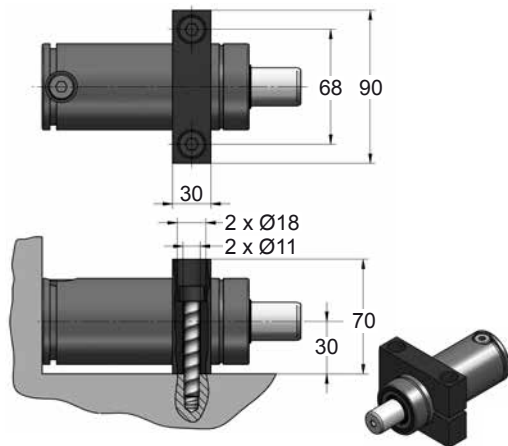


CODE	GN 750 050	KIT S-XXXXXXX KIT C-XXXXXXX	B21-050	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

## D02-050



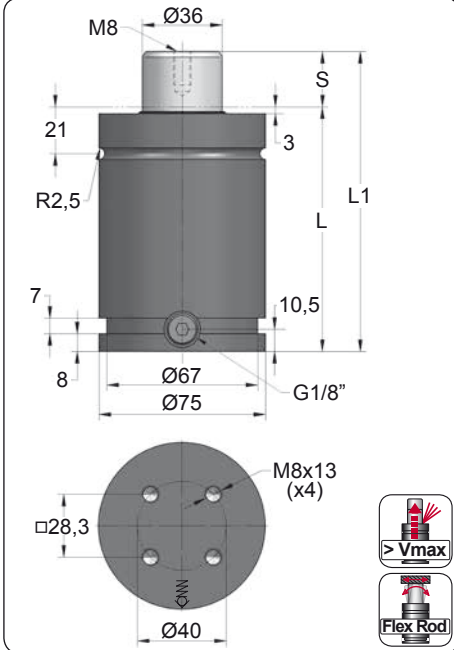
## D67-050



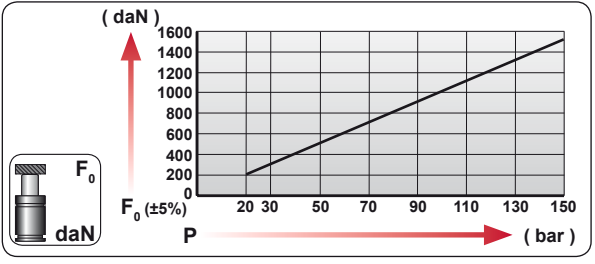
CODE	GN 750 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-050	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

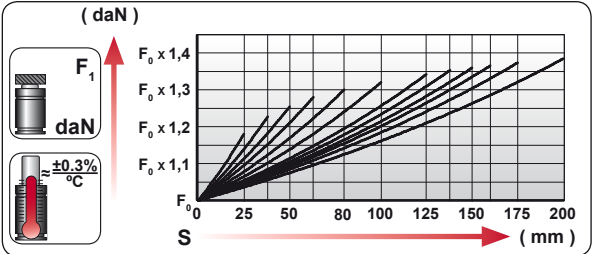
Heavy Duty



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



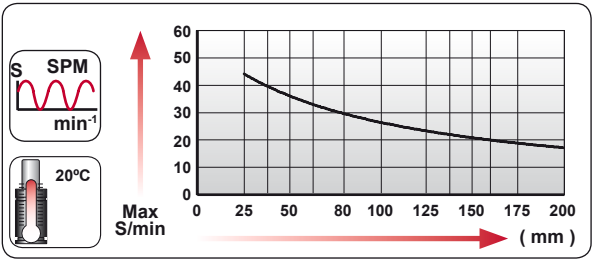
CODE					
		bar	psi		
GN 1500 050		150	2175	1530	1920
GN-H 1500 050		0	0	---	---



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

$F_0$  daN  
 S mm

**GN 1500 50**  
**GN 1500 050**



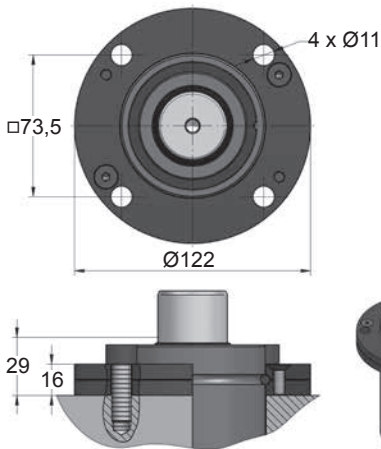
	$S_{max} < 100\%$	$V$	Pmin (20°C)	Pmax (20°C)	Tmin	Tmax	
--	-------------------	-----	-------------	-------------	------	------	--

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

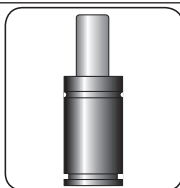
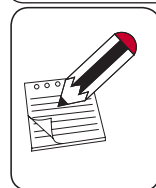
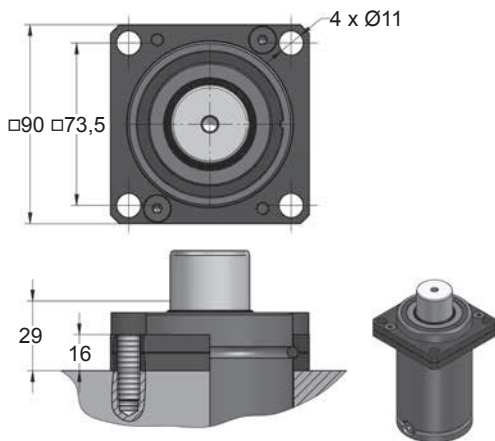


<b>MODEL</b>	<b>×</b>	CW 2400 KZ 2400	<b>×</b>	CT 2500 CK 2500 FD 1500		<b>GN 1500</b> CM 2500 CD 2400		AG 1500		CPH 4300 CP 5000		CS 4700
<b>SERIES</b>	<b>MINI</b>	<b>COMPACT HEIGHT</b>	<b>THREADED</b>	<b>LOW PROFILE</b>		<b>HEAVY DUTY</b>		<b>ISO</b>		<b>HEAVY LOAD</b>		<b>POWER COMPACT STROKE</b>

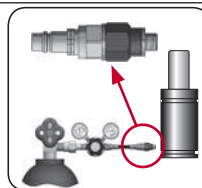
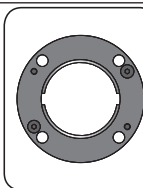
## A14-075



## A34-075



**SEAL KIT S-XXXXXXX**  
**CARTRIDGE KIT C-XXXXXXX**




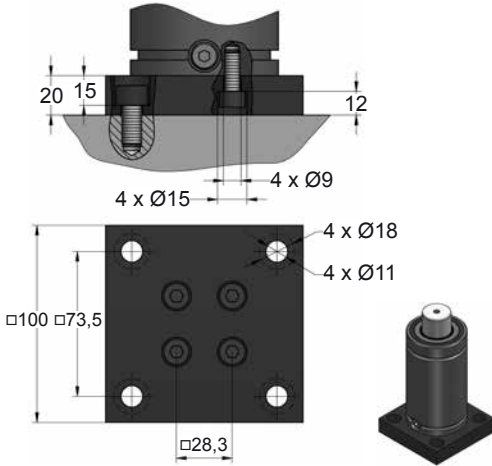
<b>CODE</b>	<b>GN 1500 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-075</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

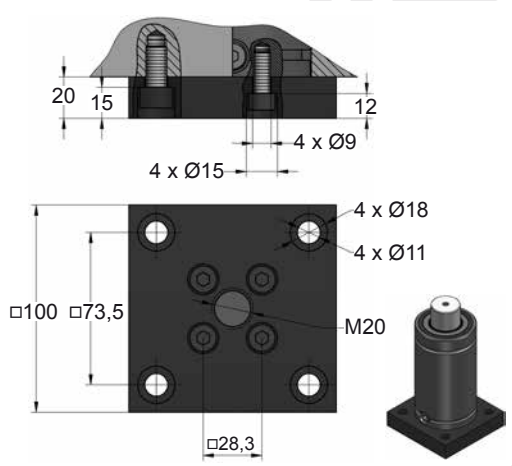
Heavy Duty

**AZOL**  
**GAS**

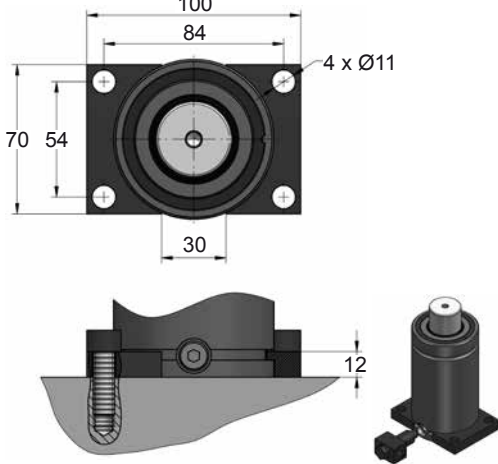
## B21-075

 EM24.54.700/F


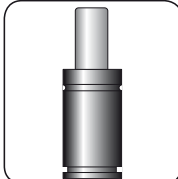
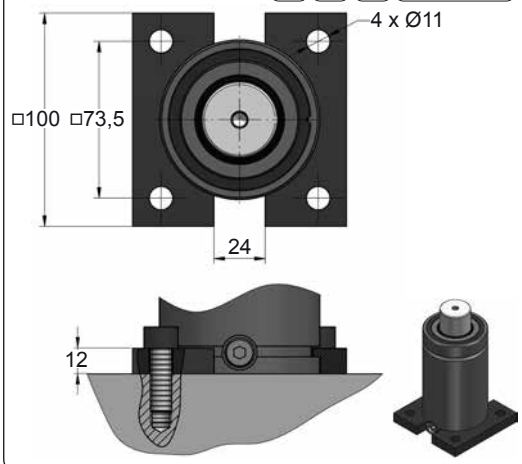
## B76-075

   E24.54.815.G  
EM24.54.700/F


## C05-075

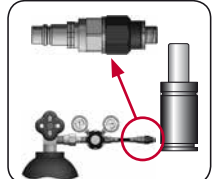
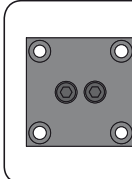


## C20-075

    E24.54.815.G  
EM24.54.700/F


**SEAL**  
**KIT S-XXXXXXX**

**CARTRIDGE**  
**KIT C-XXXXXXX**



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

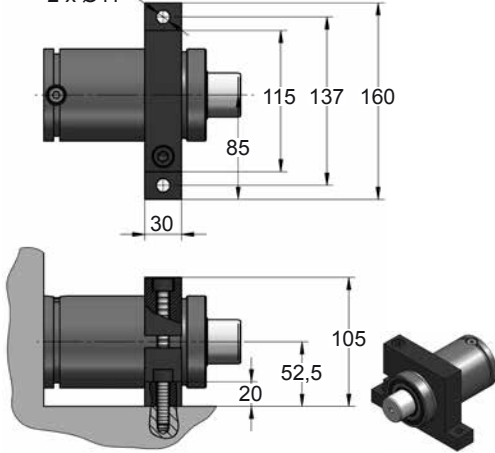


# GN 1500 MOUNTS

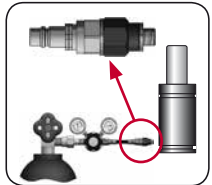
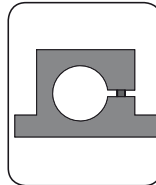
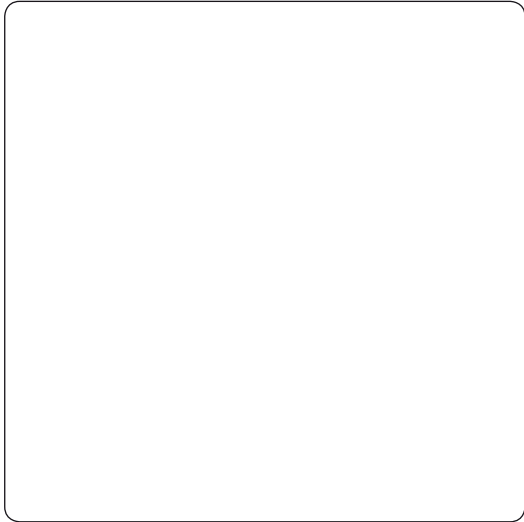
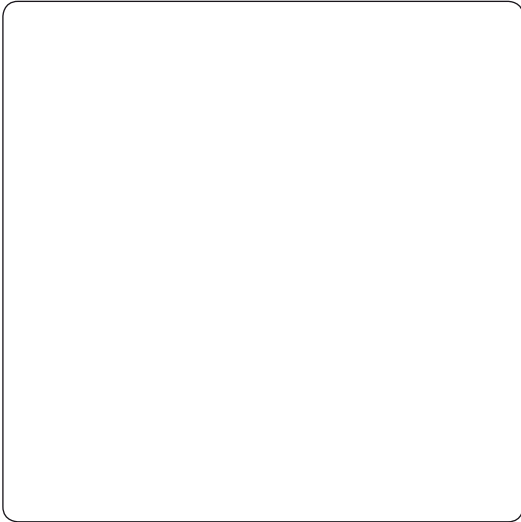
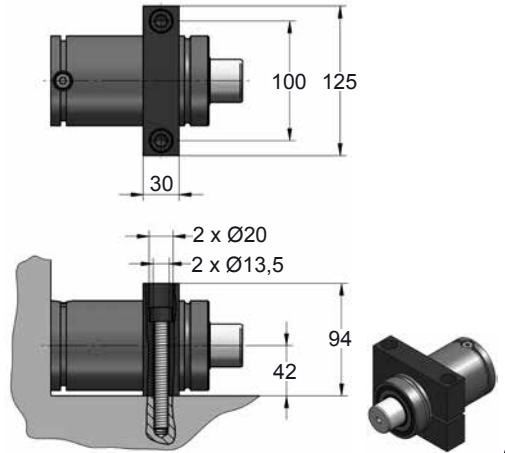
Heavy Duty

## D02-075

2 x Ø11



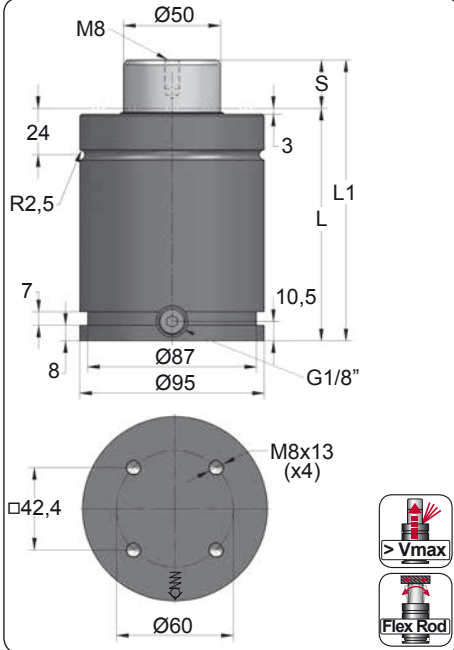
## D67-075



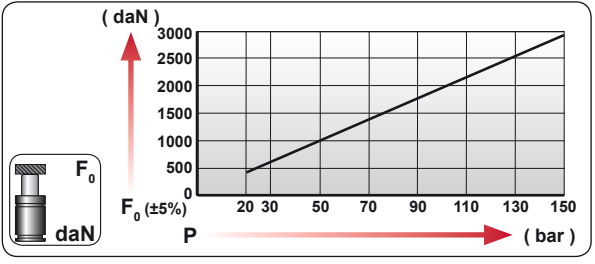
CODE	GN 1500 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

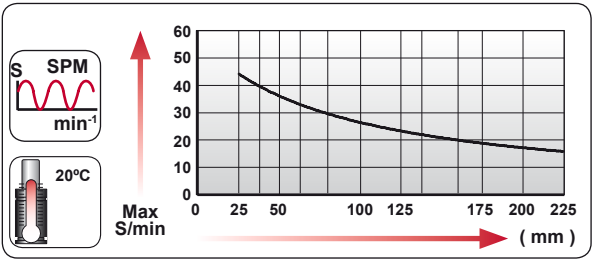
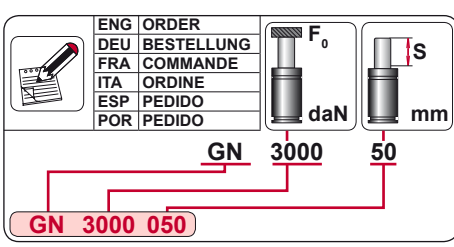
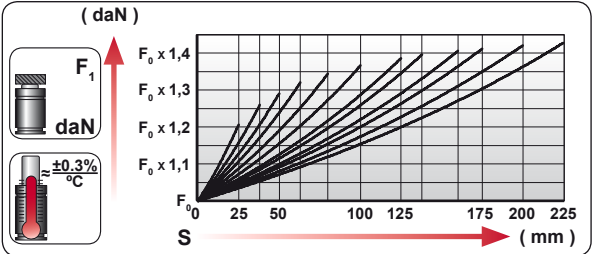
Heavy Duty



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



CODE	[Valve Icon]	Pressure		F <sub>0</sub> daN	F <sub>1</sub> daN
		bar	psi		
GN 3000 050	[Valve Icon]	150	2175	2945	3800
GN-H 3000 050	[Valve Icon]	0	0	---	---



N<sub>2</sub>

S<sub>max</sub> < 90%

V<sub>max</sub> 1,6 m/s

P<sub>min</sub> 20(20°C)  
P<sub>max</sub> 150(2175)

T<sub>min</sub> T<sub>max</sub>

600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176



# GN 3000 MOUNTS

Heavy Duty

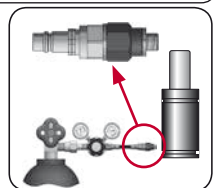
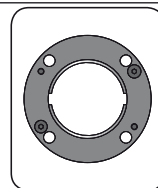
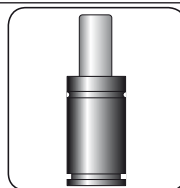
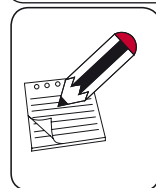
<b>MODEL</b>	<b>X</b>	CW 4200 KZ 4200	<b>X</b>	CK 4000 FD 3000	<b>GN 3000</b> CM 4000 CD 4200	AG 3000	CP 8000	CS 7500
<b>SERIES</b>	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE

## A14-095

ISO 9001 VARIANTE ISO 9001 E24.54.815.G EM24.54.700/F

## A34-095

ISO 9001 VDI



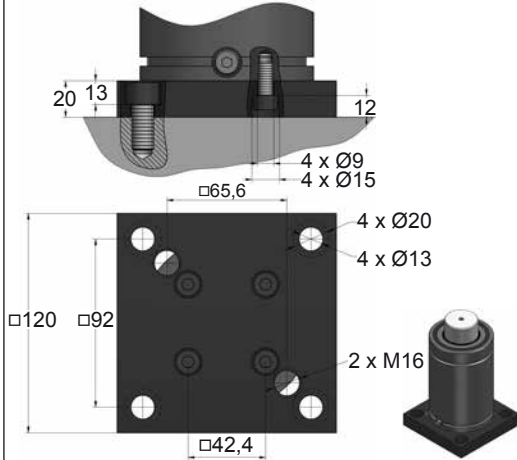
<b>CODE</b>	<b>GN 3000 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-095</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

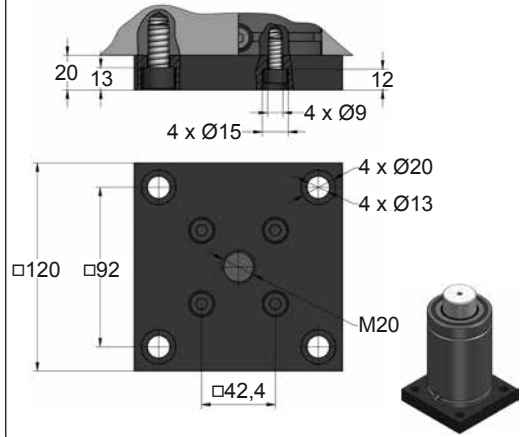
Heavy Duty

**AZOL**  
**GAS**

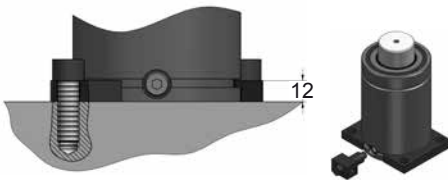
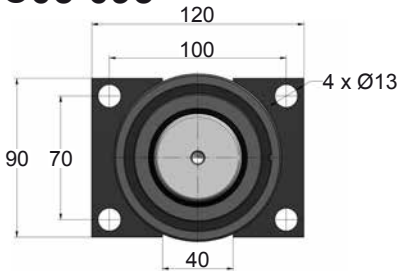
## B21-095



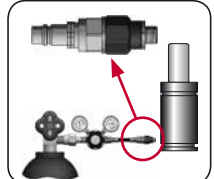
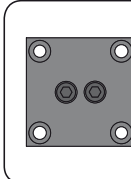
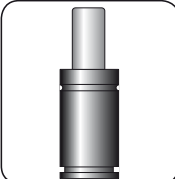
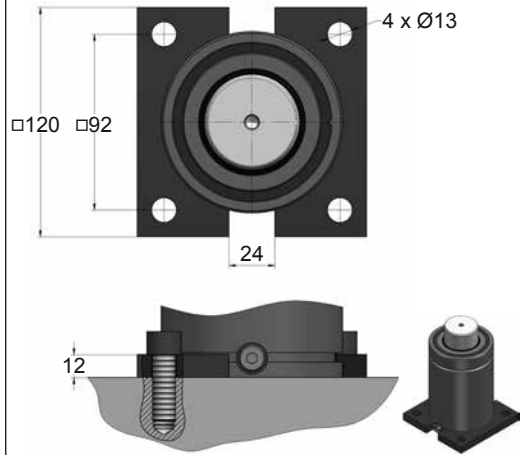
## B76-095



## C05-095



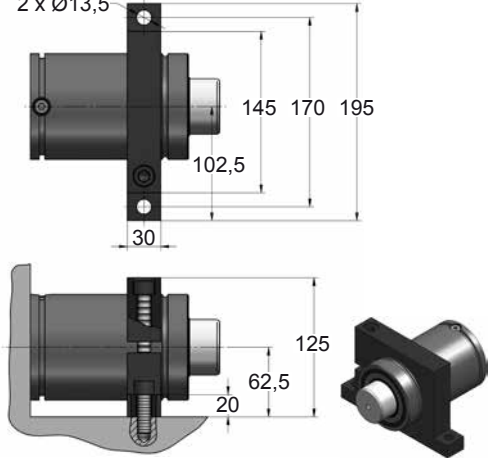
## C20-095



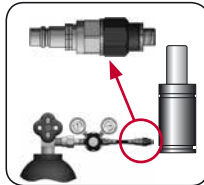
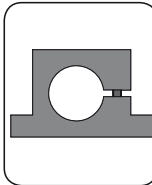
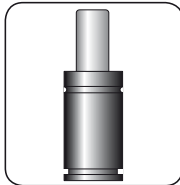
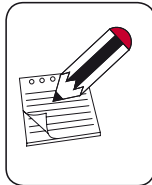
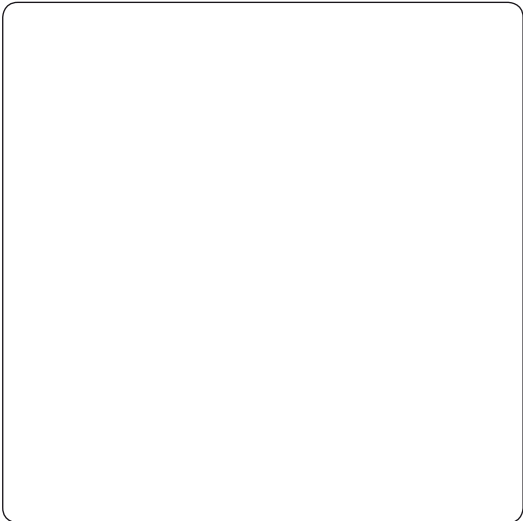
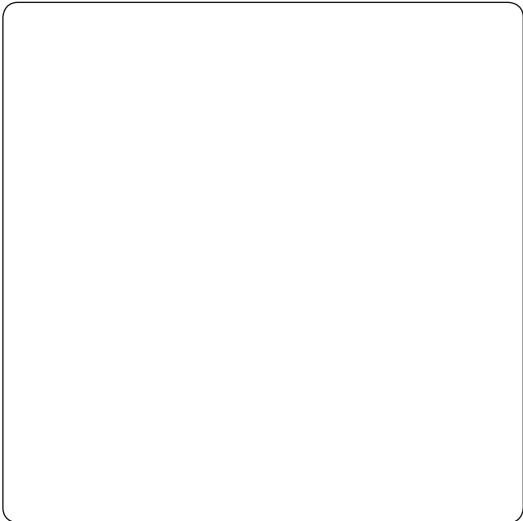
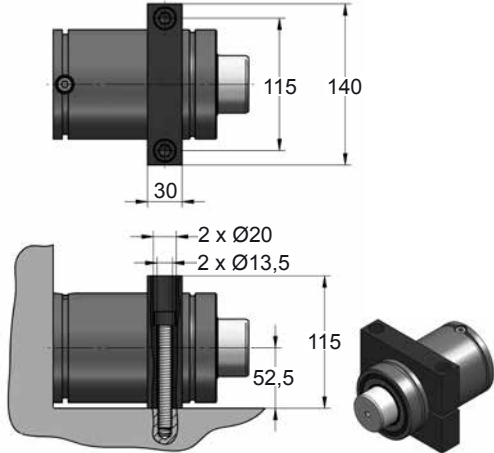
CODE	GN 3000 050	KIT S-XXXXXXX KIT C-XXXXXXX	B21-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

## D02-095

2 x Ø13,5



## D67-095

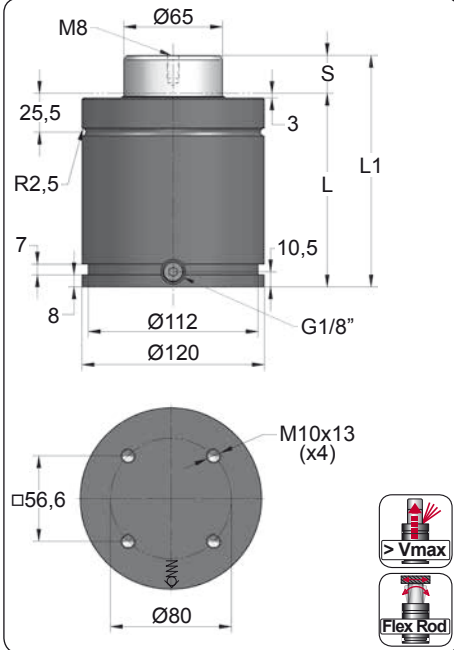


CODE		GN 3000 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-095	18 CG 1-Q
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

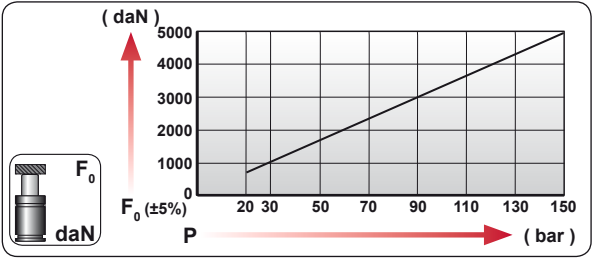
# GN 5000

Heavy Duty

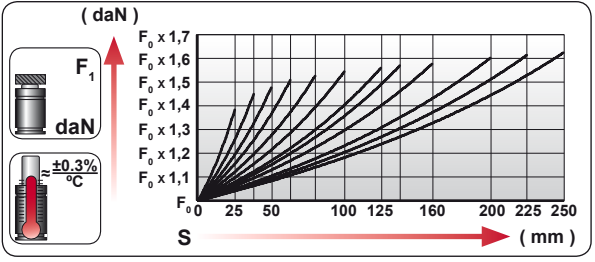


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
GN 5000 025	25	152.5	127.5	8.27
GN 5000 037	37.5	177.5	140	8.78
GN 5000 050	50	202.5	152.5	9.29
GN 5000 062	62.5	227.5	165	9.79
GN 5000 080	80	262.5	182.5	10.51
GN 5000 100	100	302.5	202.5	11.32
GN 5000 125	125	352.5	227.5	12.34
GN 5000 137	137.5	377.5	240	12.85
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



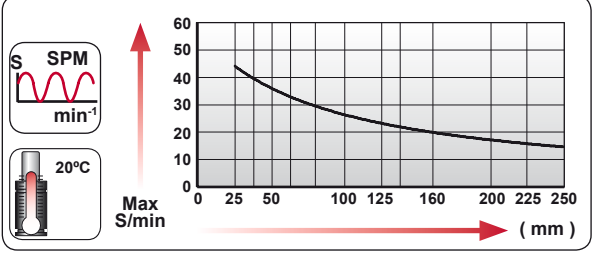
CODE		Pressure			
		bar	psi		
GN 5000 050		150	2175	4980	7355
GN-H 5000 050		0	0	---	---



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

**F<sub>0</sub>** daN  
**S** mm

**GN 5000 50**  
**GN 5000 050**



	<b>S<sub>max</sub> &lt; 90%</b>	<b>V<sub>max</sub> 1,6 m/s</b>	<b>P<sub>min</sub> (20°C)</b>	<b>P<sub>max</sub> (20°C)</b>	<b>T<sub>min</sub></b>	<b>T<sub>max</sub></b>	
--	---------------------------------	--------------------------------	-------------------------------	-------------------------------	------------------------	------------------------	--

<b>N<sub>2</sub></b>	<b>S<sub>max</sub> &lt; 90%</b>	<b>V<sub>max</sub> 1,6 m/s</b>	bar psi	bar psi	°C °F	°C °F	<b>600 CP-</b>
			20 290	150 2175	0 32	80 176	



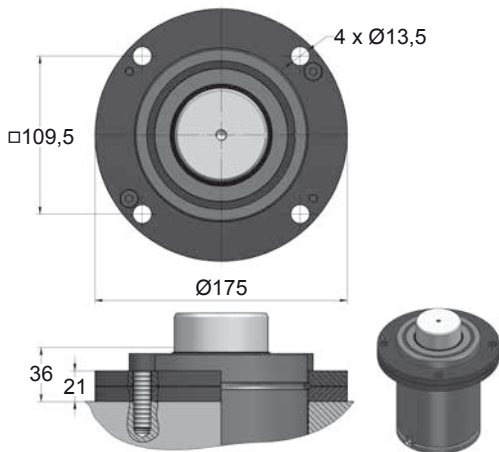


# GN 5000 MOUNTS

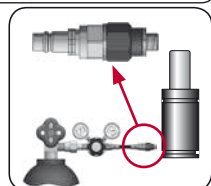
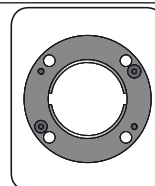
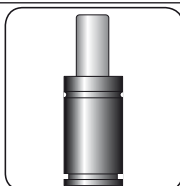
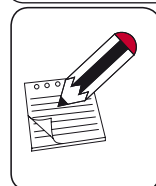
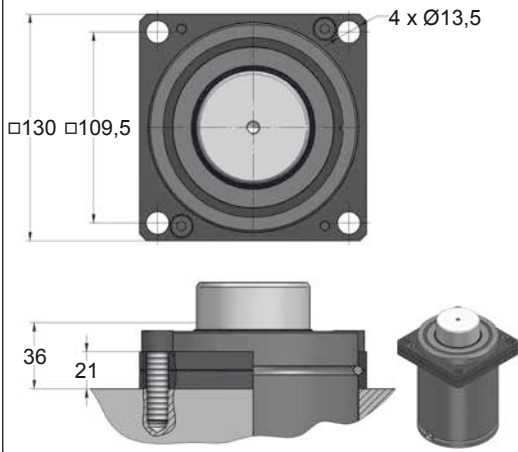
Heavy Duty

<b>MODEL</b>	<b>×</b>	CW 6600 KZ 6600	<b>×</b>	FD 5000	<b>GN 5000</b> CM 6500 CD 6600	AG 5000	<b>×</b>	CS 11800
<b>SERIES</b>	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

## A14-120



## A34-120




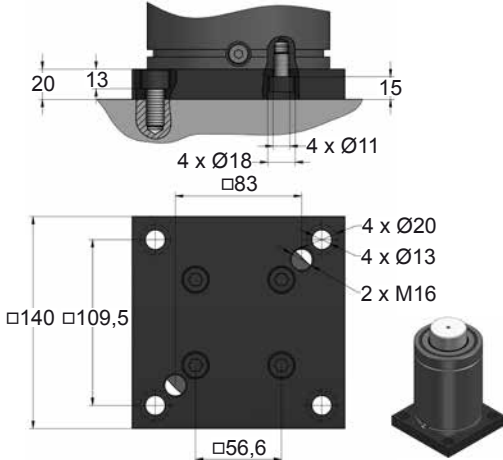
<b>CODE</b>	<b>GN 5000 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-120</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

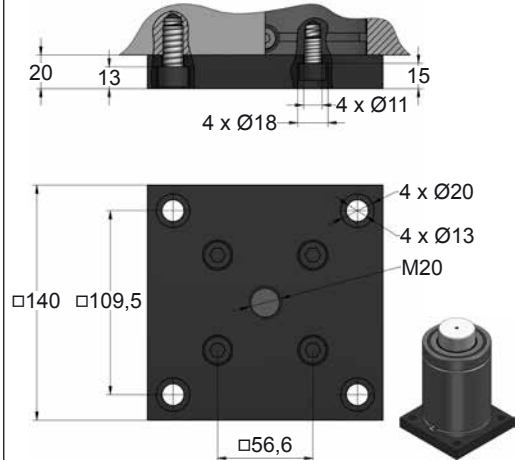
Heavy Duty

**AZOL**  
**GAS**

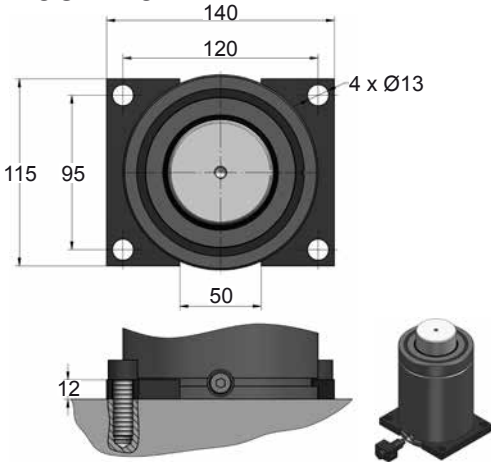
## B21-120

 EM24.54.700/F


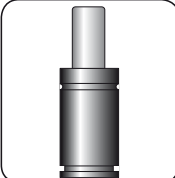
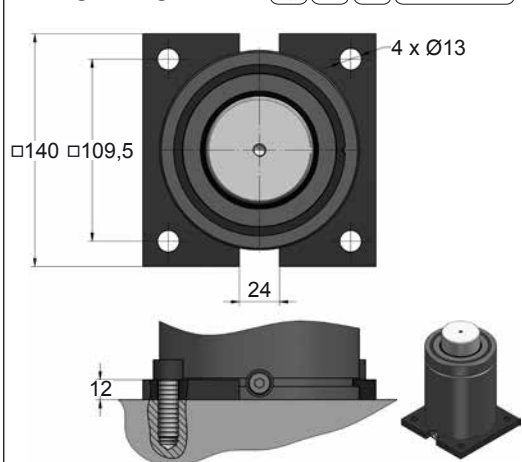
## B76-120

   EM24.54.700/F


## C05-120

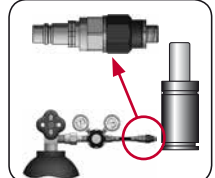
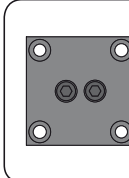


## C20-120

    E24.54.815.G  
EM24.54.700/F


SEAL  
 KIT S-XXXXXXX

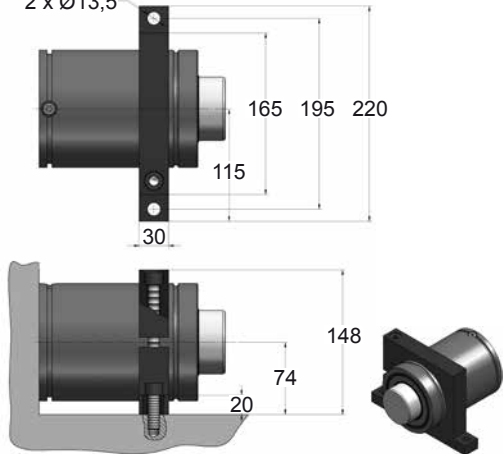
CARTRIDGE  
 KIT C-XXXXXXX



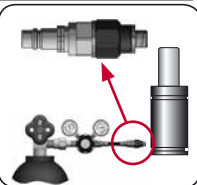
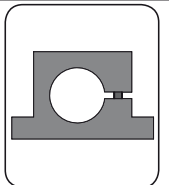
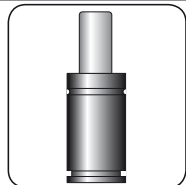
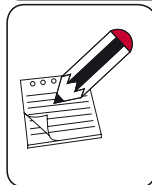
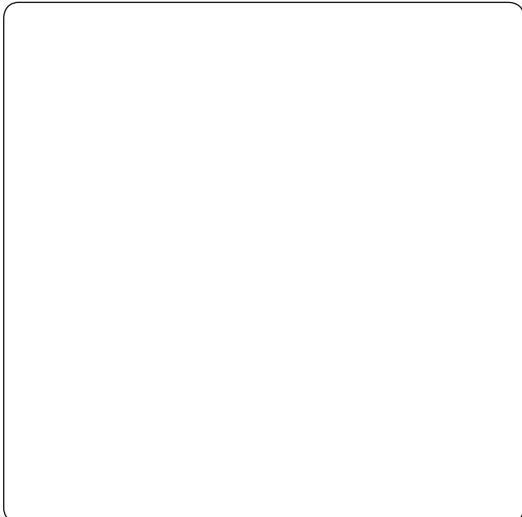
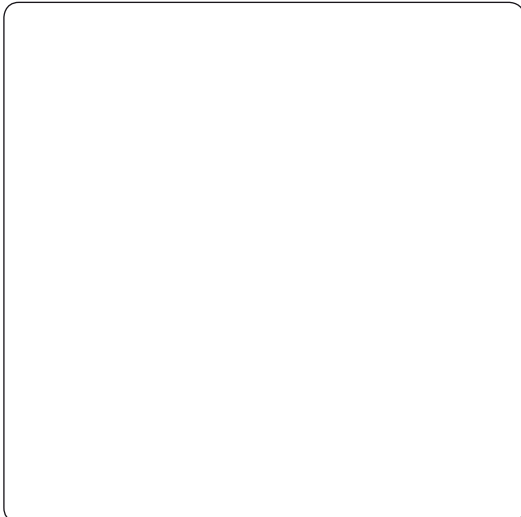
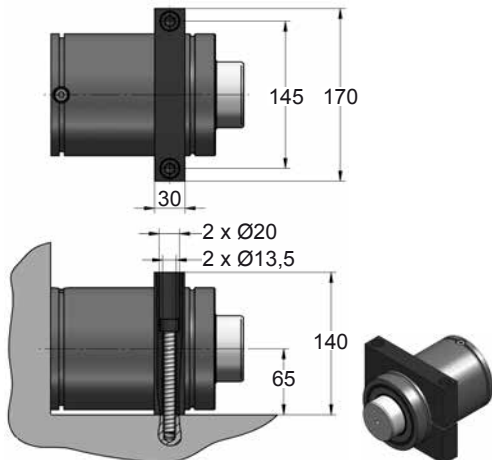
CODE	GN 5000 050	KIT S-XXXXXXX KIT C-XXXXXXX	B21-120	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

## D02-120

2 x Ø13,5



## D67-120

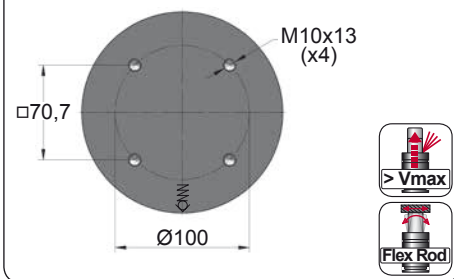
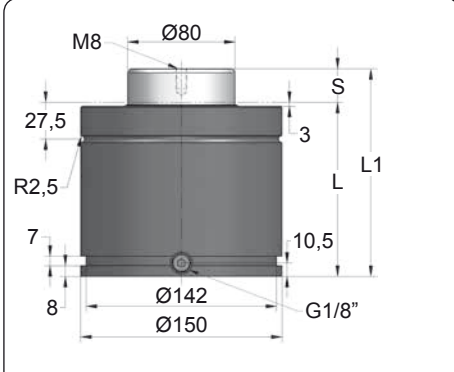


CODE	GN 5000 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-120	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

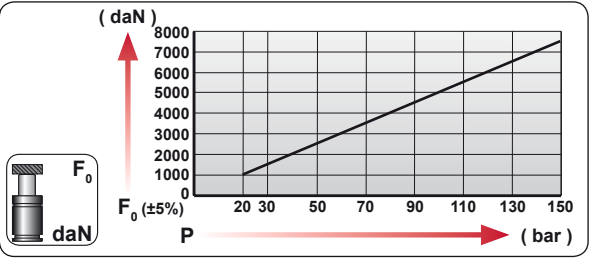
# GN 7500

Heavy Duty

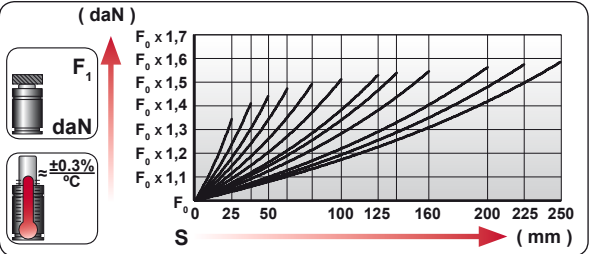


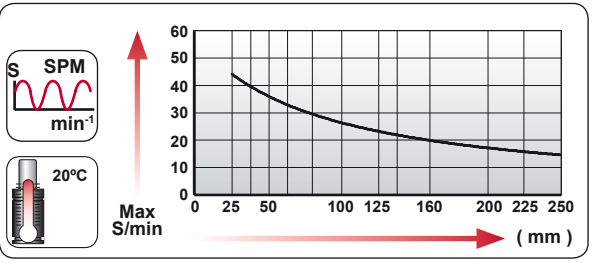
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
GN 7500 025	25	155	130	13.49
GN 7500 037	37.5	180	142.5	14.28
GN 7500 050	50	205	155	15.07
GN 7500 062	62.5	230	167.5	15.86
GN 7500 080	80	265	185	16.96
GN 7500 100	100	305	205	18.23
GN 7500 125	125	355	230	19.81
GN 7500 137	137.5	380	242.5	20.60
GN 7500 160	160	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		
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		
						daN	mm
						GN 7500	50
						GN 7500 050	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176

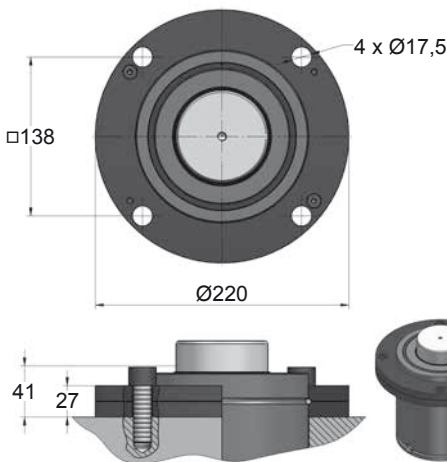
# GN 7500 MOUNTS

Heavy Duty

<b>MODEL</b>	×	CW 9500 CW 11800	×	×	GN 7500 CM 10000 CD 9600	AG 7500	×	CS 18300
<b>SERIES</b>	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

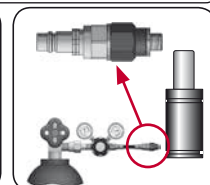
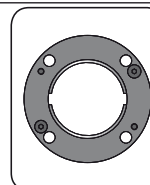
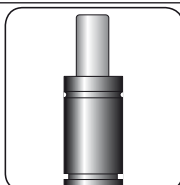
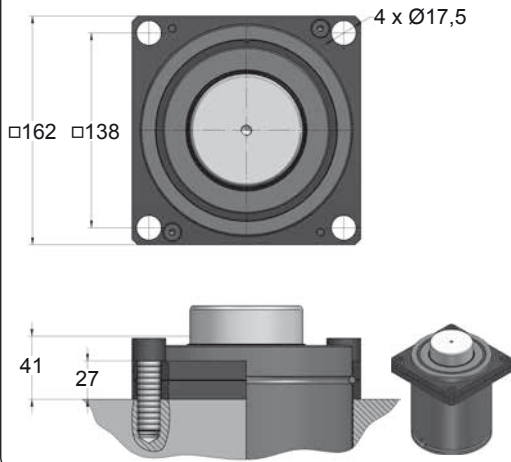
## A14-150

ISO 9001 VAAIRTEC E24.54.815.G EM24.54.700/F



## A34-150

ISO 9001 VDI



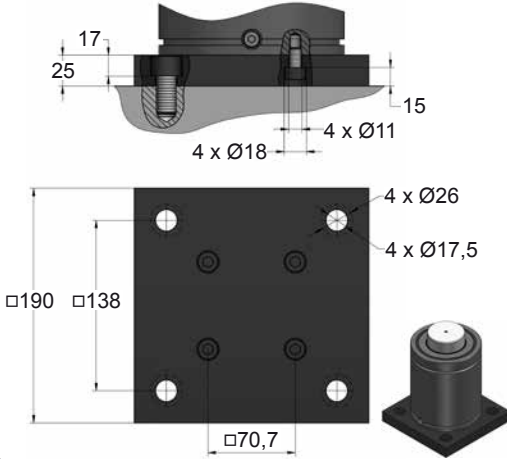
<b>CODE</b>	<b>GN 7500 050</b>	<b>KIT S-XXXXXXX KIT C-XXXXXXX</b>	<b>A14-150</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO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

# GN 7500 MOUNTS

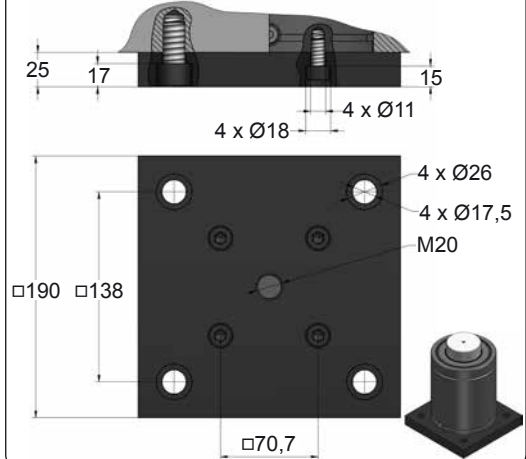
Heavy Duty

**AZOL**  
**GAS**

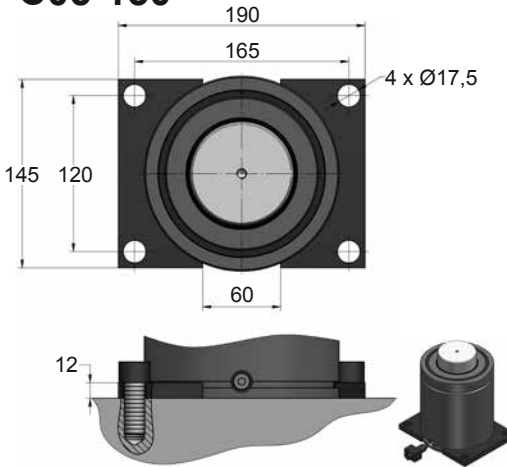
## B21-150



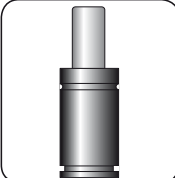
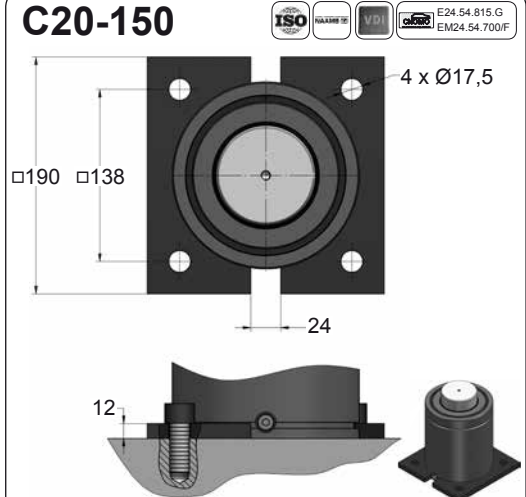
## B76-150



## C05-150



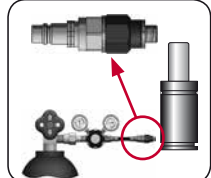
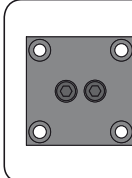
## C20-150



SEAL  
 KIT S-XXXXXXX

750  
 2150252  
 17/23CE art.3  
 XXXXXXXX  
 XXXXXXXX  
 XXXXXXXX  
 Made in Spain (2175)  
 www.azolgas.com

CARTRIDGE  
 KIT C-XXXXXXX

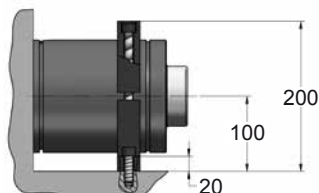
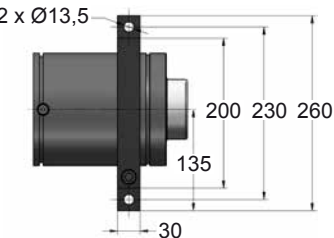


CODE	GN 7500 050	KIT S-XXXXXXX KIT C-XXXXXXX	B21-150	18 CG 1-Q
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA	ADAPTADOR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

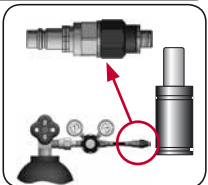
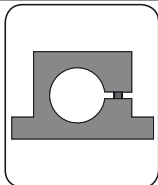
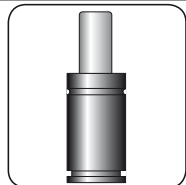
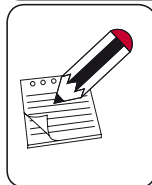
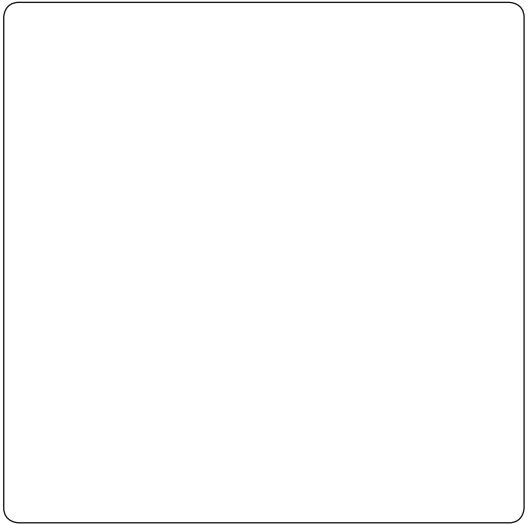
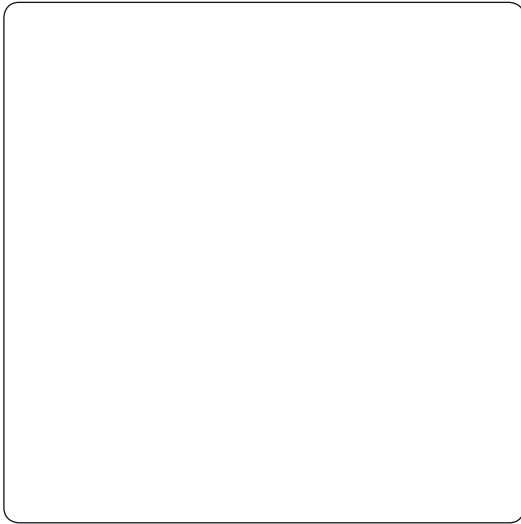
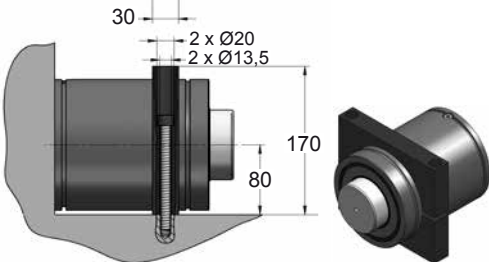
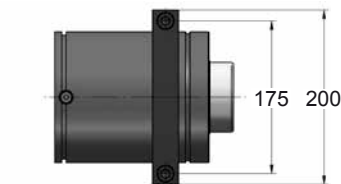


## D02-150

2 x Ø13,5



## D67-150



**SEAL**  
KIT S-XXXXXXX

**CARTRIDGE**  
KIT C-XXXXXXX

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







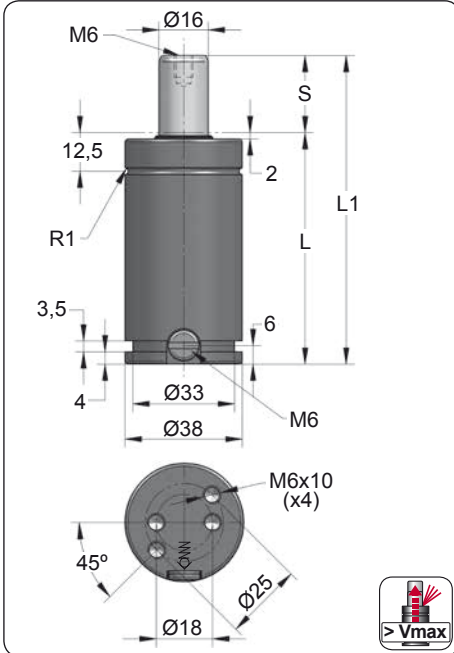
# FD LOW PROFILE LARGE

MODEL	F <sub>0</sub>	Ø	S	L1	Pmax	Charge Port		
FD 300	300	Ø38	6.3 - 125	62.6 - 125	150	M6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FD 500	500	Ø45	6 - 125	62 - 300	150	G1/8"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FD 750 V1	750	Ø50	6 - 125	62 - 300	150	G1/8"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FD 1500 V2	1500	Ø75	25 - 100	110 - 260	150	G1/8"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FD 3000	3000	Ø95	25 - 125	120 - 320	150	G1/8"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
FD 5000 V1	5000	Ø120	25 - 100	140 - 290	150	G1/8"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

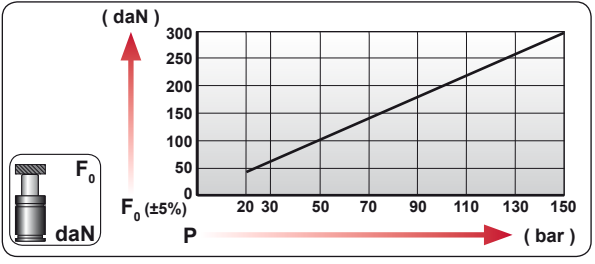
	50	50	50	50	50	50	50	50
	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50
	L1=138 L1=152	L1=138	L1=138 L1=150 L1=150	L1=170 L1=185 L1=195	L1=195	L1=165 L1=175	L1=220	
	1000 1000	1000	1000 1000 750	750 1000 1000	750	1700 2000	1800	
MODEL	✗	CW 1000 KZ 1000	AS 1000	CT 1000 CK 1000 FD 750	GN 750 CM 1000 CD 1000	AG 750	CPH 1700 CP 2000	CS 1800
SERIES	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

# FD 300

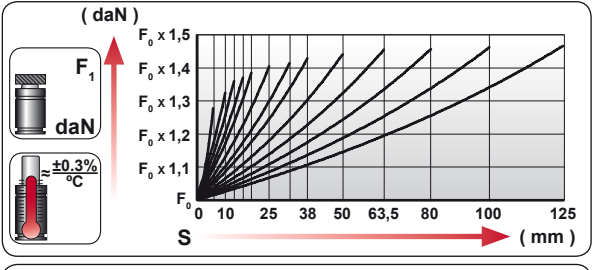
Low Profile



CODE	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
FD 300 006	6.3	62.6	56.3	0.39
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 300 032	32	114	82	0.53
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



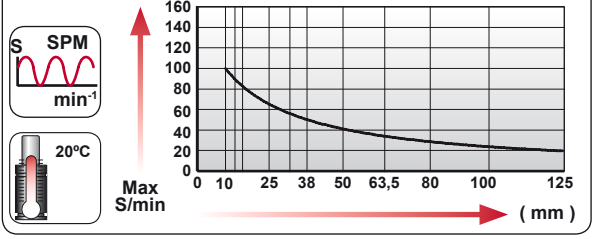
CODE	[Valve Icon]	Pressure		F <sub>0</sub> (daN)	F <sub>1</sub> (daN)
		bar	psi		
FD 300 050	[Valve Icon]	150	2175	300	430
FD-H 300 050	[Valve Icon]	0	0	---	---



	ENG ORDER	 F <sub>0</sub> daN	 S mm
	DEU BESTELLUNG		
	FRA COMMANDE		
	ITA ORDINE		
	ESP PEDIDO		
POR PEDIDO			

FD 300 50

FD 300 050



 N <sub>2</sub>	 S <sub>max</sub> < 90%	 V <sub>max</sub> 1,6 m/s	 P <sub>min</sub> (20°C)	 P <sub>max</sub> (20°C)	 T <sub>min</sub>	 T <sub>max</sub>	 600 CP-
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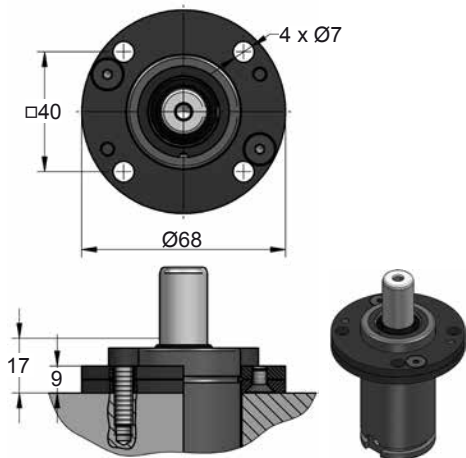
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176		



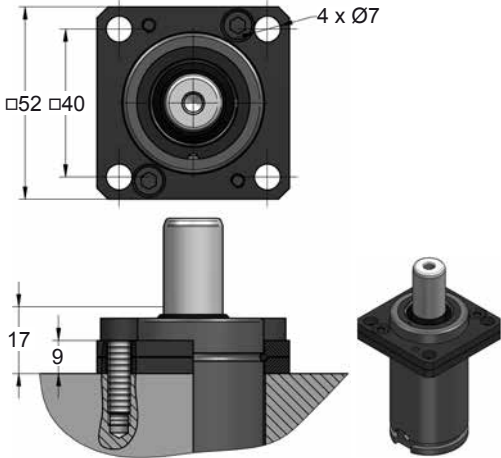
# FD 300 MOUNTS

Low Profile

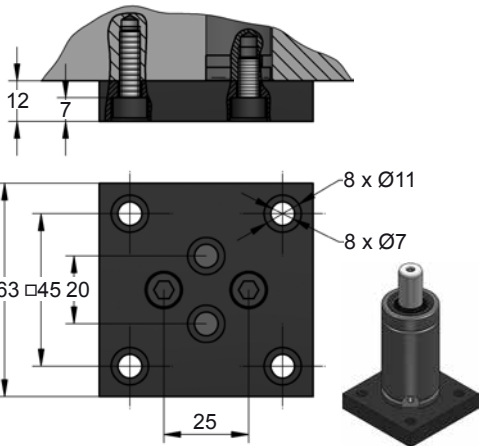
## A14-038



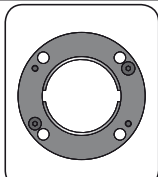
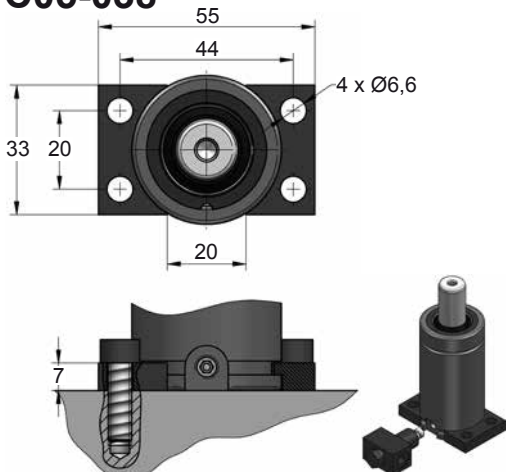
## A34-038



## B76-038



## C05-038

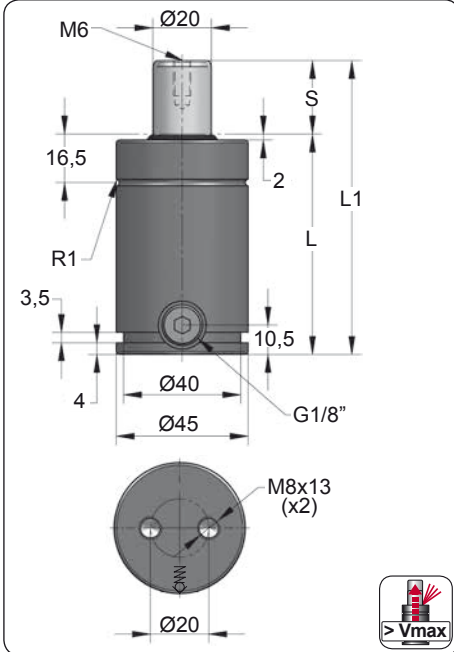


CODE	FD 300 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-038	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE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

# FD 500

Low Profile

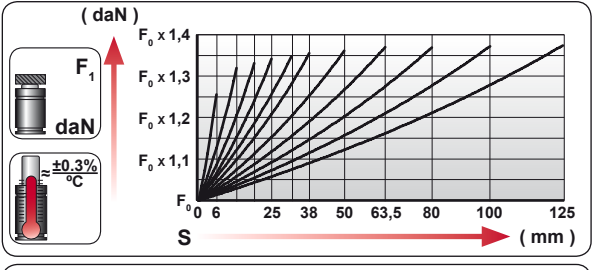
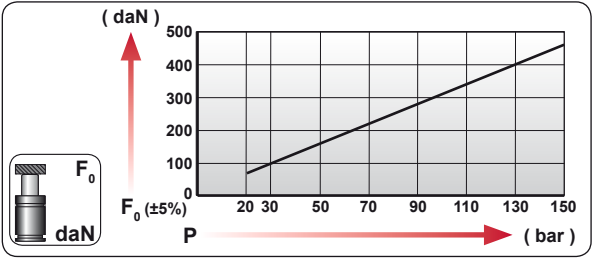
		RENAULT EM24.54.700



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
FD 500 006	6	62	56	0.53
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

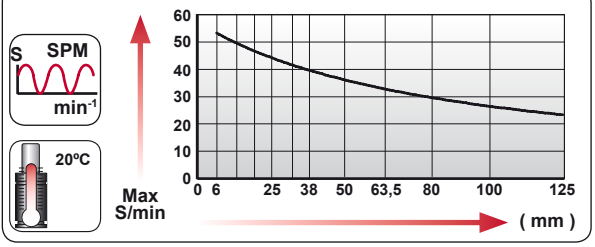


CODE	Pressure	F <sub>0</sub> (daN)	F <sub>1</sub> (daN)
FD 500 050	150 bar / 2175 psi	470	640
FD-H 500 050	0 bar / 0 psi	---	---



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

F<sub>0</sub> daN      S mm  
 FD 500      50  
 FD 500 050



N<sub>2</sub>      S<sub>max</sub> < 90%      V<sub>max</sub> 1,6 m/s      Pmin (20°C)      Pmax (20°C)      Tmin      Tmax      600 CP-

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	



# FD 500 MOUNTS

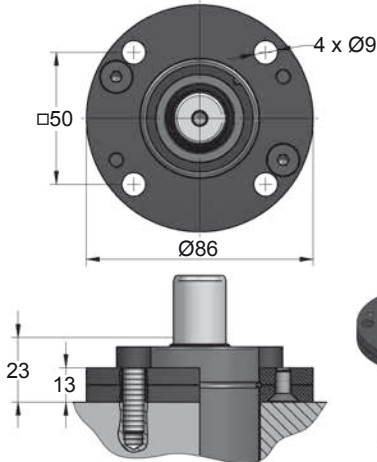
Low Profile

  	 $\varnothing 45$ L1=132 L1=147	 $\varnothing 45$ L1=132	 $\varnothing 45$ L1=150 L1=150	 $\varnothing 45$ L1=160 L1=185	 $\varnothing 45$ L1=185	 $\varnothing 45$ L1=160		
MODEL	✗	CW 750 KZ 750	AS 700	CK 750 FD 500	CM 600 CD 700	APF 500	CPH 1250	✗
SERIES	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE

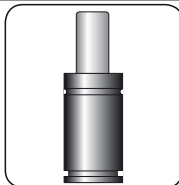
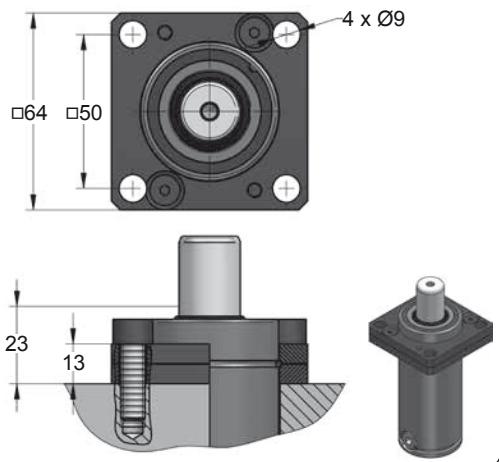
## A14-045



E24.54.815.G  
EM24.54.700.F

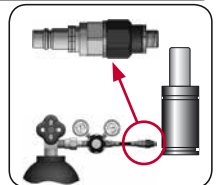
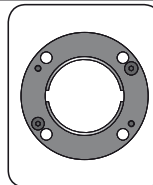


## A34-045



SEAL  
KIT S-XXXXXXX

CARTRIDGE  
KIT C-XXXXXXX



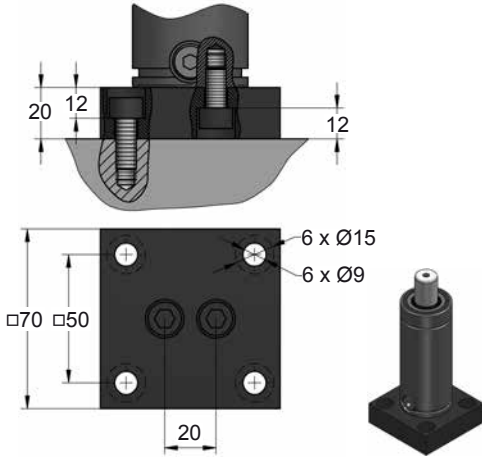
CODE	FD 500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-045	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

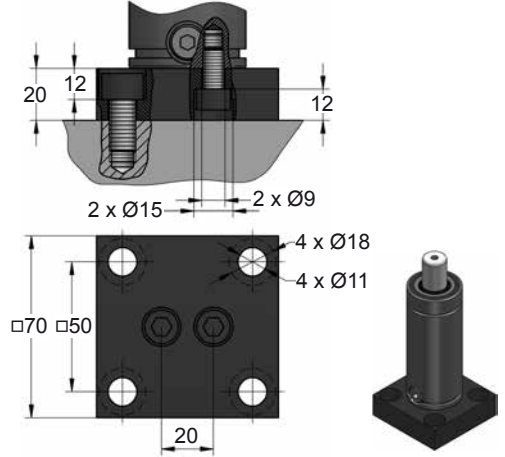
Low Profile

**AZOL  
GAS**

## B21-045



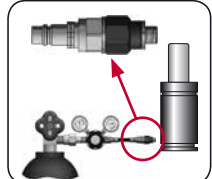
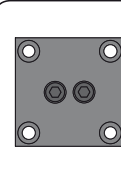
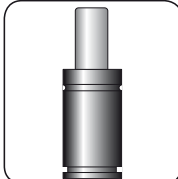
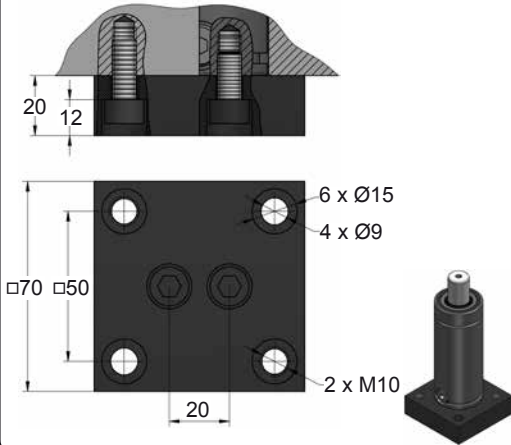
## B51-045



## B76-045



E24.54.815.G



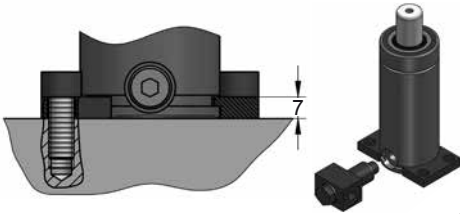
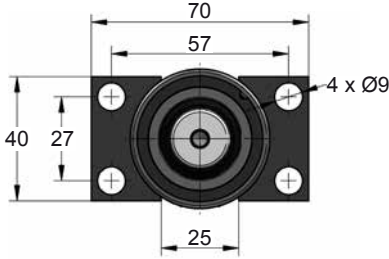
CODE	FD 500 050	KIT S-XXXXXXX KIT C-XXXXXXX	B21-045	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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



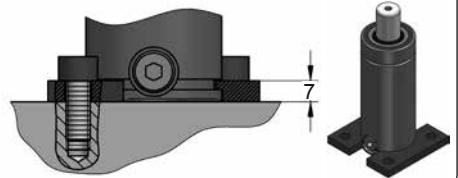
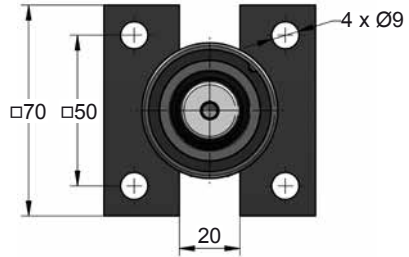
# FD 500 MOUNTS

Low Profile

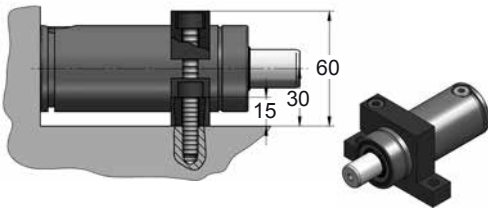
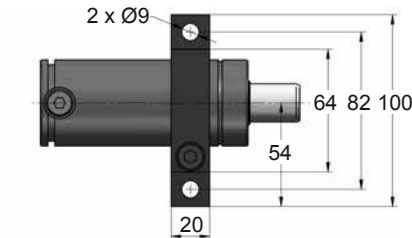
## C05-045



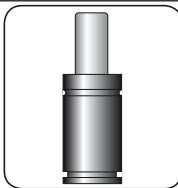
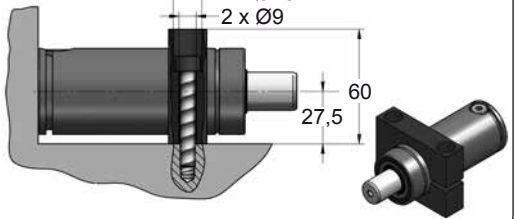
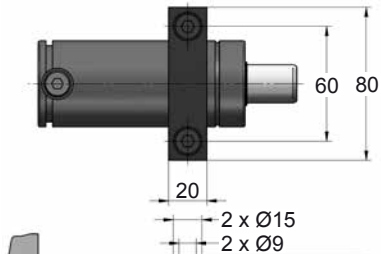
## C20-045



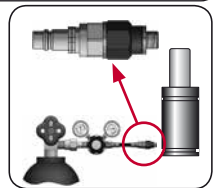
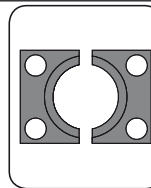
## D02-045



## D67-045



**SEAL KIT S-XXXXXXX**  
**CARTRIDGE KIT C-XXXXXXX**

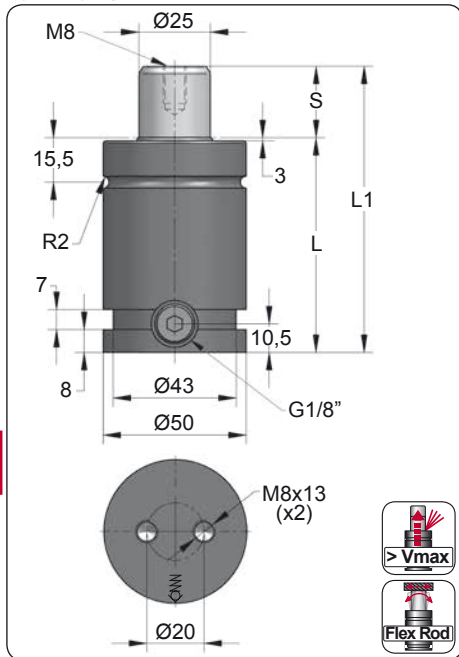


CODE	FD 500 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-045	18 CG 1-Q	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

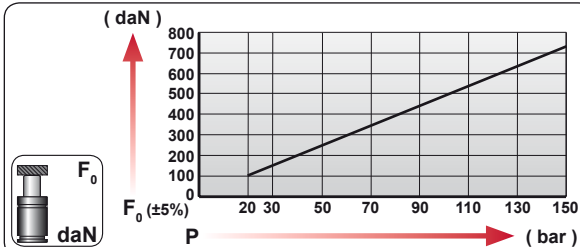
# FD 750 V1

Low Profile

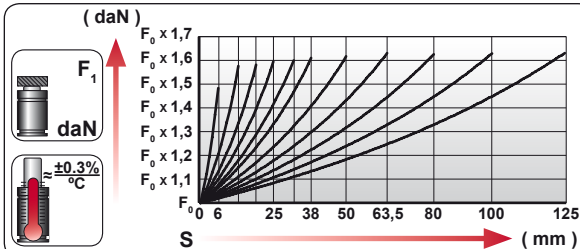
MB B8 3180 220 000 003	RENAULT EM24.54.700
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ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
FD 750 006 V1	6	62	56	0.65
FD 750 012 V1	12.7	75.4	62.7	0.70
FD 750 019 V1	19	88	69	0.76
FD 750 025 V1	25	100	75	0.81
FD 750 032 V1	32	114	82	0.86
FD 750 038 V1	38	126	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



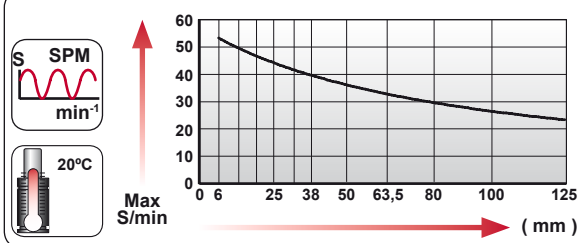
CODE		Pressure			
		bar	psi		
FD 750 050 V1		150	2175	740	1195
FD-H 750 050 V1		0	0	---	---



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

FD 750 50

**FD 750 050 V1**



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N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	



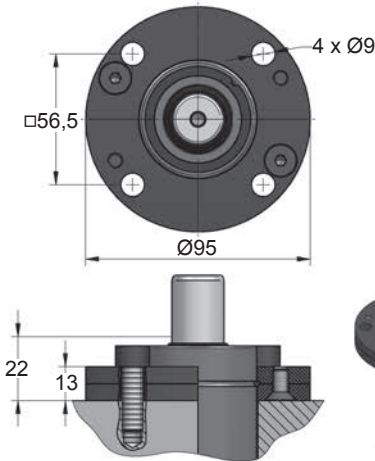


# FD 750 V1 MOUNTS

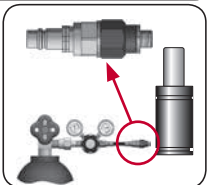
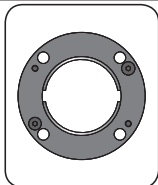
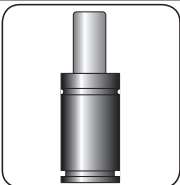
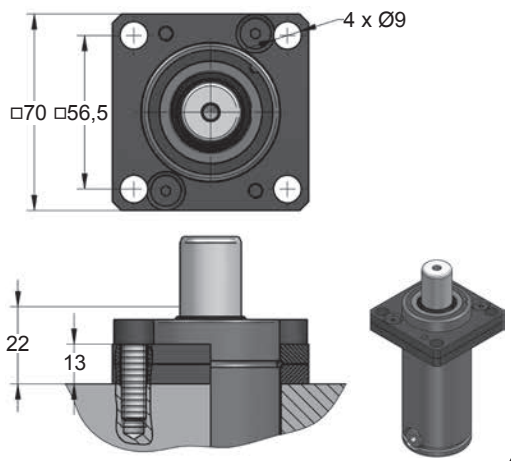
Low Profile

<b>MODEL</b>	<b>X</b>	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
<b>SERIES</b>	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE

## A14-050



## A34-050



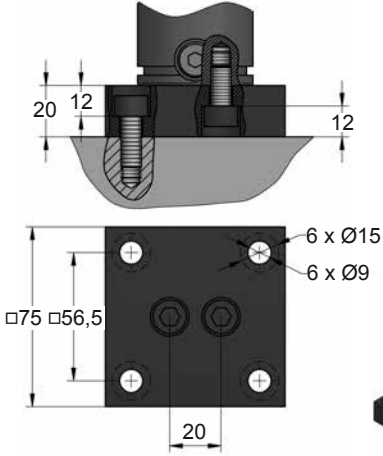
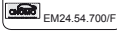
<b>CODE</b>	<b>FD 750 050 V1</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-050</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

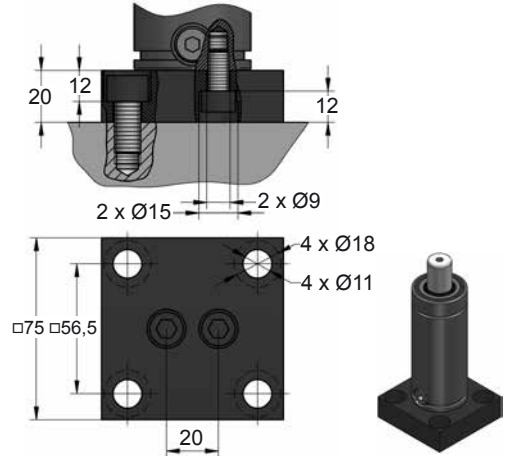


Low Profile

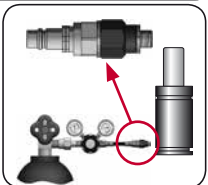
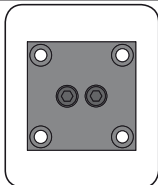
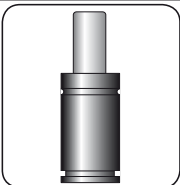
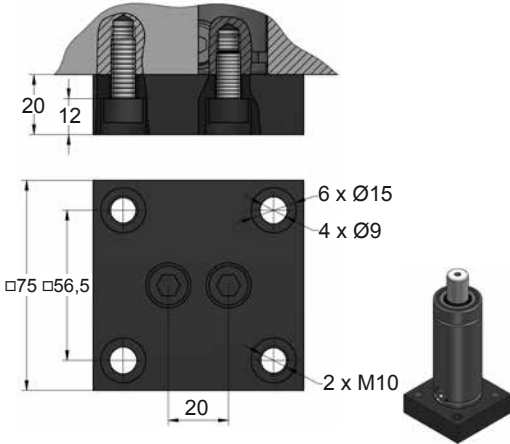
## B21-050



## B51-050



## B76-050



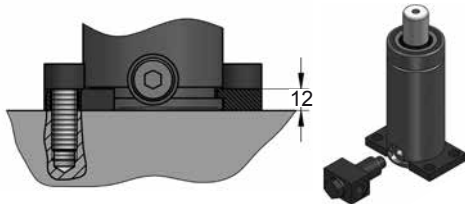
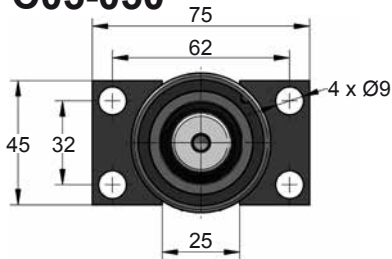
CODE	FD 750 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	B21-050	18 CG 1-Q
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION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



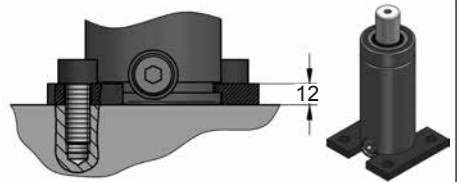
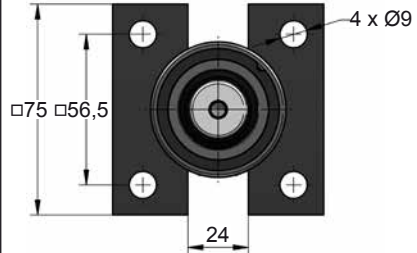
# FD 750 V1 MOUNTS

Low Profile

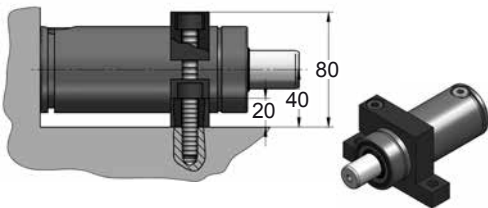
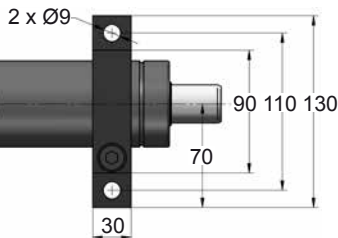
## C05-050



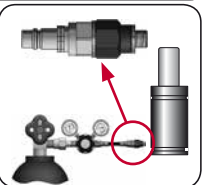
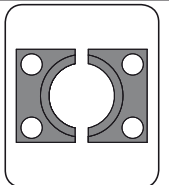
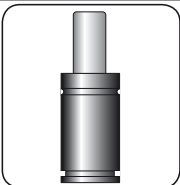
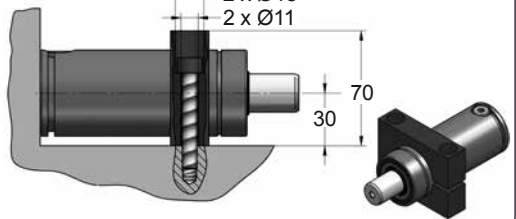
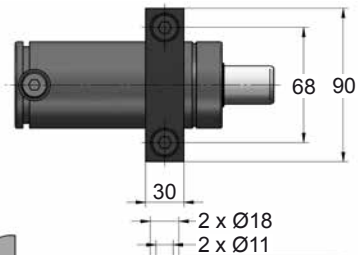
## C20-050



## D02-050



## D67-050

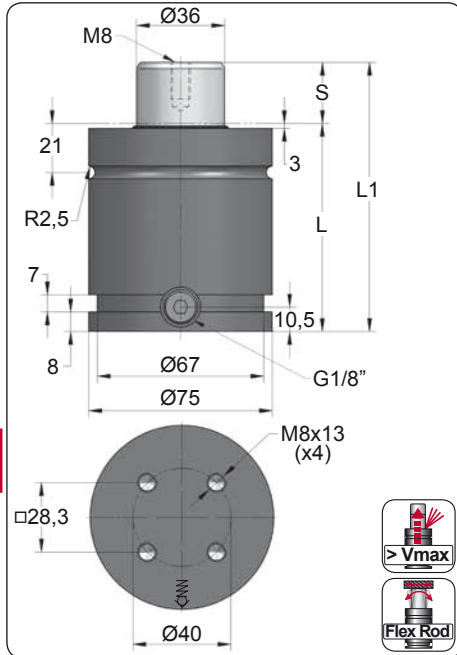


CODE	FD 750 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	C05-050	18 CG 1-Q	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

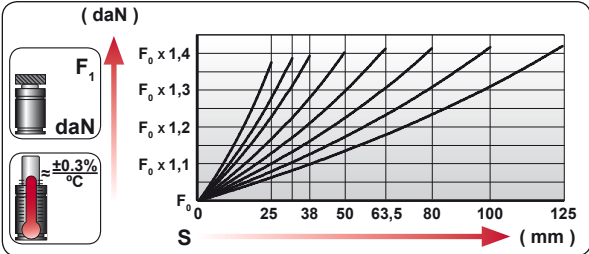
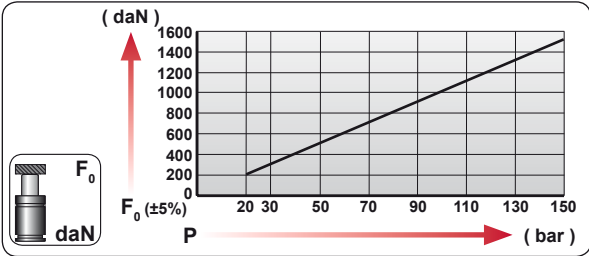
		RENAULT EM24.54.700



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

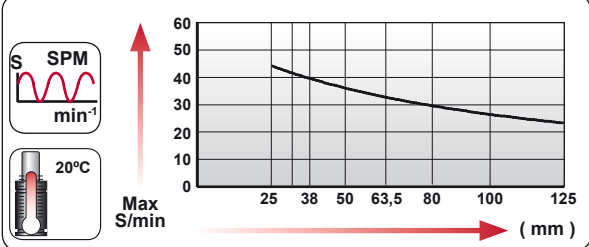


CODE				
		bar psi	daN	daN
FD 1500 050 V2		150 2145	1530	2140
FD-H 1500 050 V2		0 0	---	---



ENG ORDER	DEU BESTELLUNG	FRA COMMANDE	ITA ORDINE	ESP PEDIDO	POR PEDIDO
FD	1500	50			

**FD 1500 050 V2**



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N <sub>2</sub>	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-
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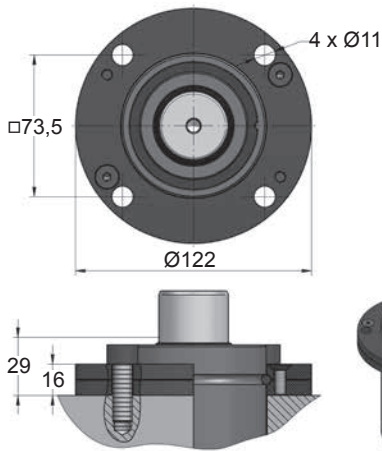


# FD 1500 V2 MOUNTS

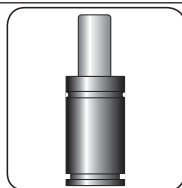
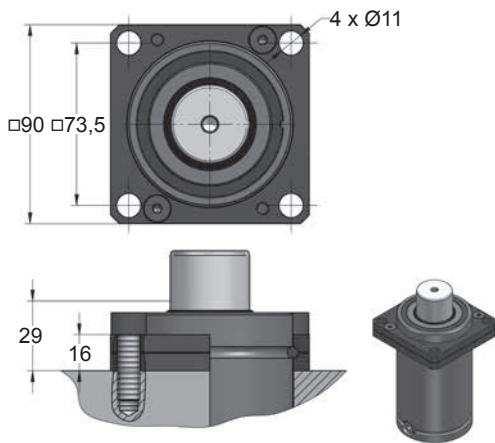
Low Profile

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

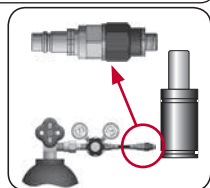
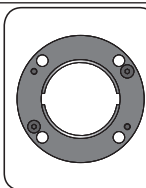
## A14-075



## A34-075



**SEAL KIT S-XXXXXXX**  
**CARTRIDGE KIT C-XXXXXXX**




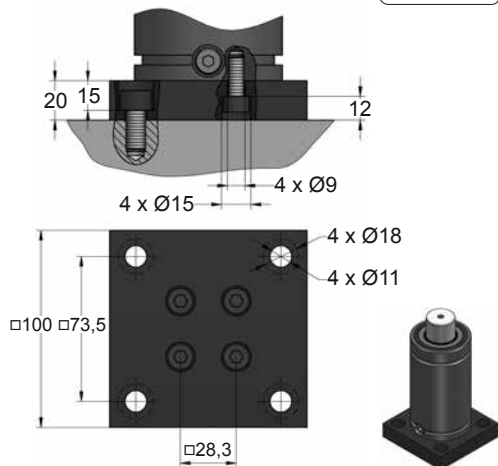
<b>CODE</b>	<b>FD 1500 050 V2</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-075</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

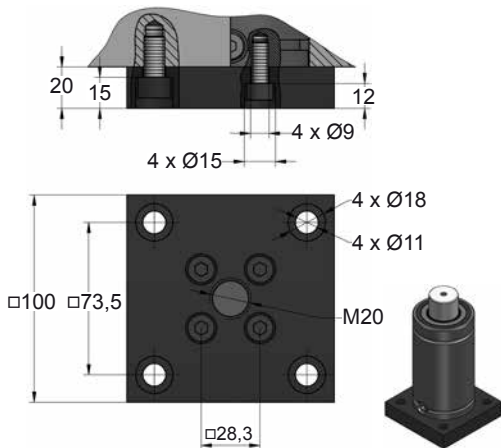
Low Profile

**AZOL**  
**GAS**

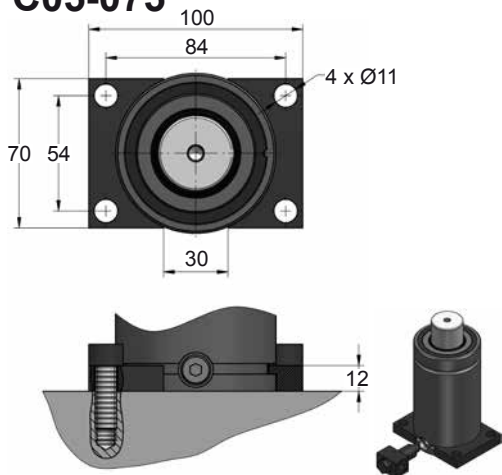
## B21-075

 EM24.54.700/F


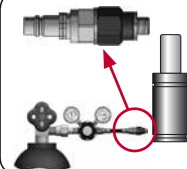
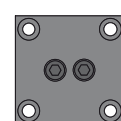
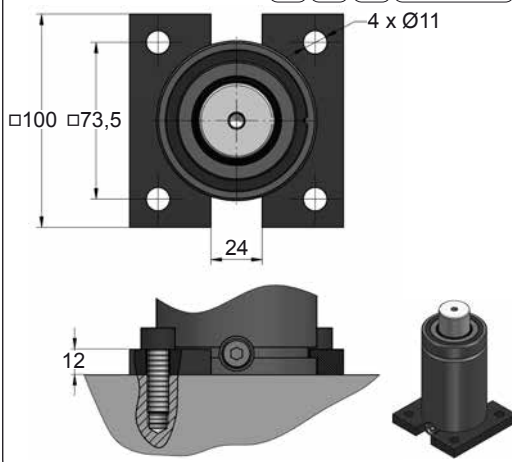
## B76-075

   E24.54.815.G  
EM24.54.700/F


## C05-075



## C20-075

    E24.54.815.G  
EM24.54.700/F


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

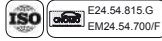


# FD 1500 V2 MOUNTS

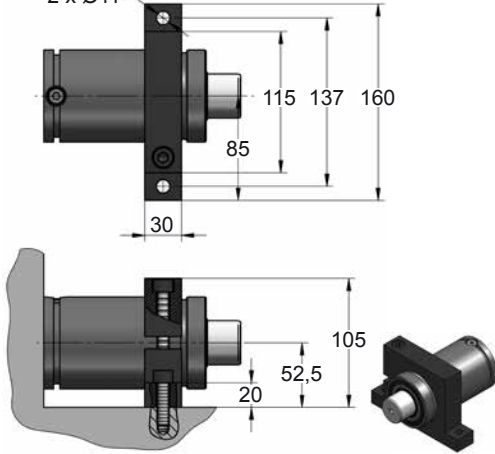
Low Profile

## D02-075

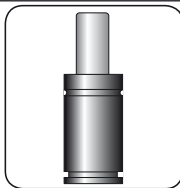
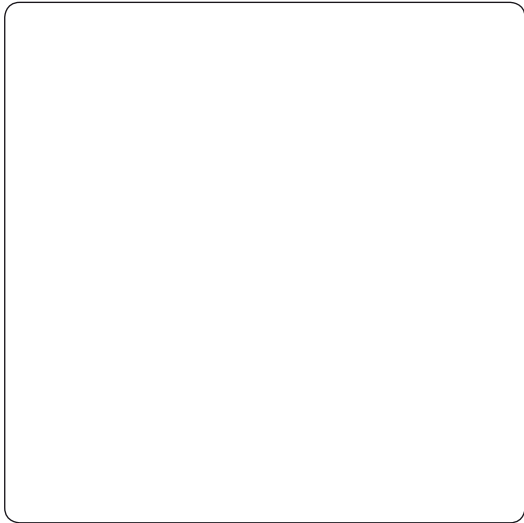
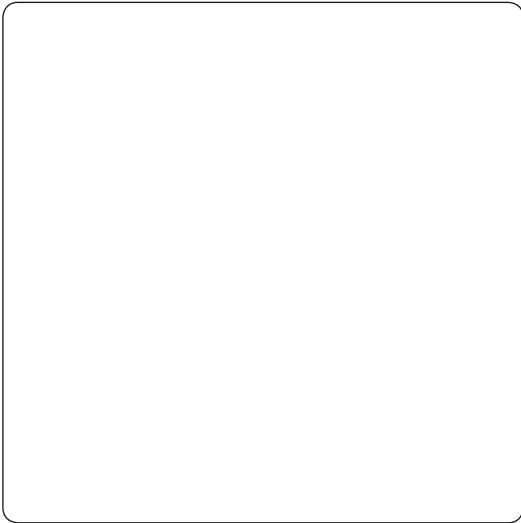
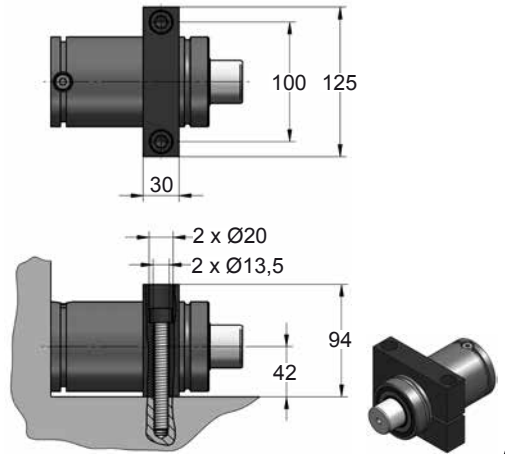
2 x Ø11



E24.54.815.G  
EM24.54.700/F



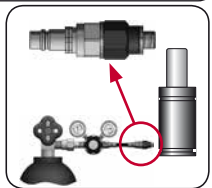
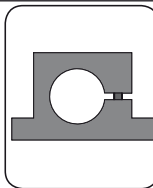
## D67-075



SEAL  
KIT S-XXXXXXX



CARTRIDGE  
KIT C-XXXXXXX

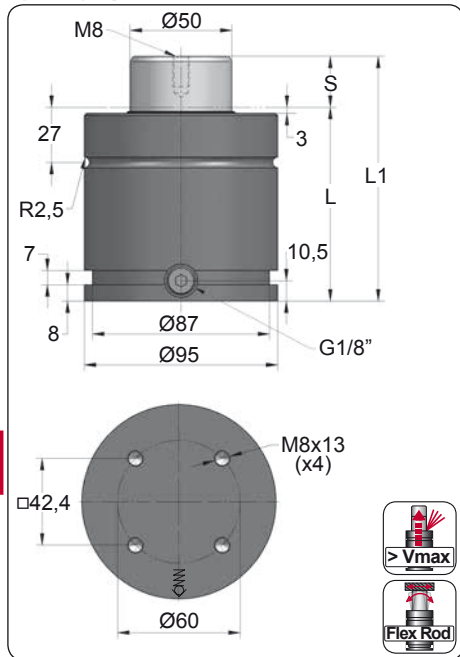


CODE	FD 1500 050 V2	KIT S-XXXXXXX KIT C-XXXXXXX	D02-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

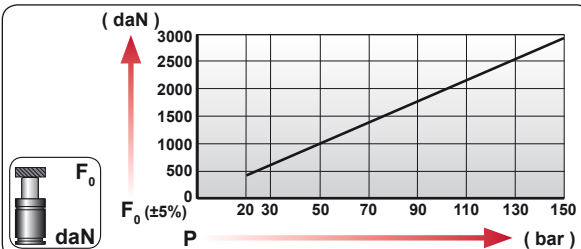
# FD 3000

Low Profile

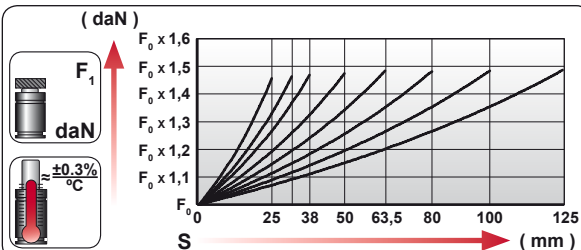
MB B8 3180 220 000 003	RENAULT EM24.54.700
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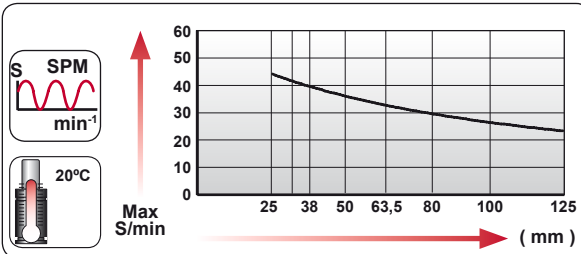
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
FD 3000 025	25	120	95	3.82
FD 3000 032	32	134	102	4.00
FD 3000 038	38	146	108	4.47
FD 3000 050	50	170	120	4.81
FD 3000 063	63.5	197	133.5	5.25
FD 3000 080	80	230	150	5.77
FD 3000 100	100	270	170	5.73
FD 3000 125	125	320	195	6.42



CODE					
		bar	psi		
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		
		daN	mm
		FD 3000	50
		FD 3000 050	



N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	Pmin (20°C)	Pmax (20°C)	Tmin	Tmax	600 CP-

N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	



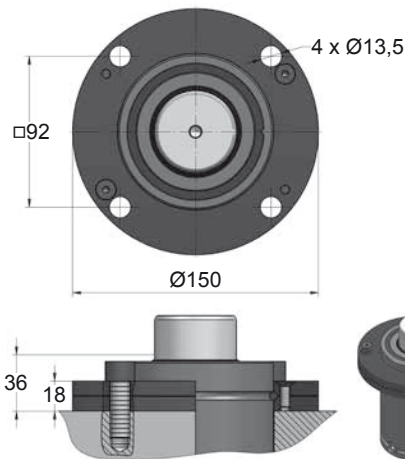


# FD 3000 MOUNTS

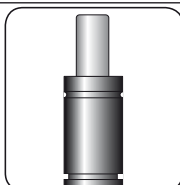
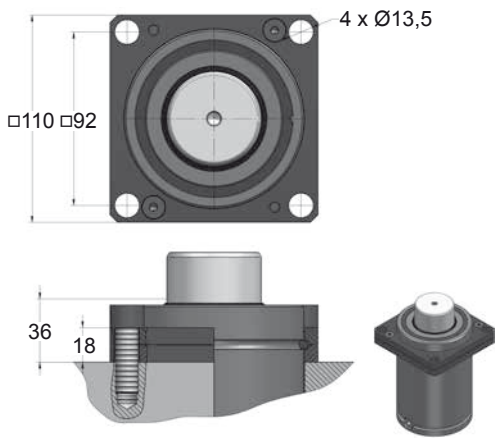
Low Profile

s mm Ø mm L1 mm	50 Ø95 L1=158 L1=162	50 Ø95 L1=170 L1=170	50 Ø95 L1=195 L1=205 L1=220	50 Ø95 L1=220	50 Ø95 L1=215	50 Ø95 L1=255		
MODEL	✗ CW 4200 KZ 4200	✗	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 >Pmax 	POWER COMPACT STROKE <S >F <sub>0</sub> 

## A14-095

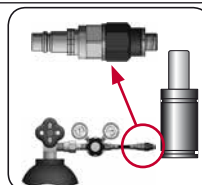
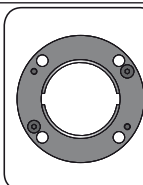


## A34-095



SEAL  
KIT S-XXXXXXX

CARTRIDGE  
KIT C-XXXXXXX



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	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

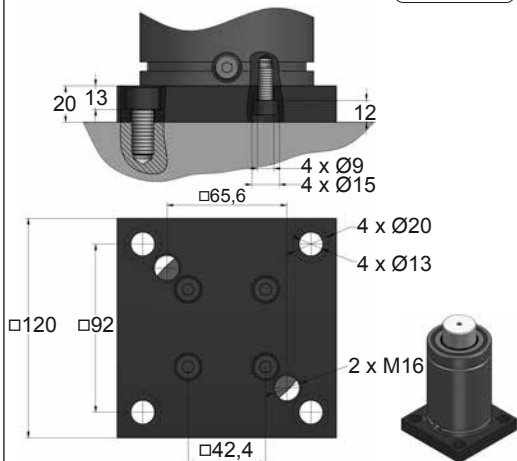
# FD 3000 MOUNTS

Low Profile

**AZOL  
GAS**

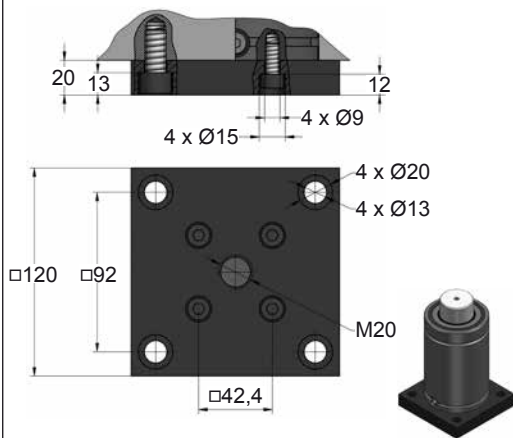
## B21-095

EM24.54.700/F

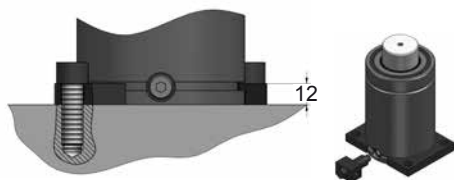
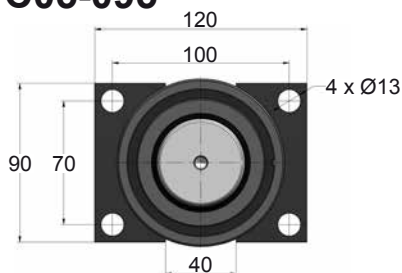


## B76-095

ISO HAAREZT EM24.54.700/F

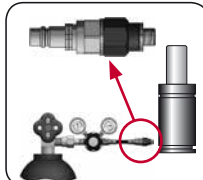
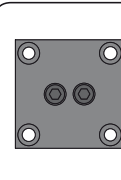
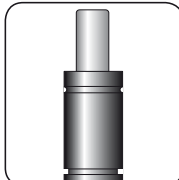
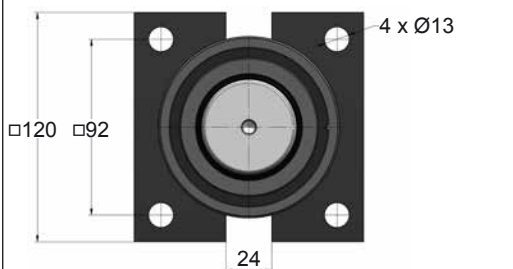


## C05-095



## C20-095

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



CODE	FD 3000 050	KIT S-XXXXXXX KIT C-XXXXXXX	B21-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

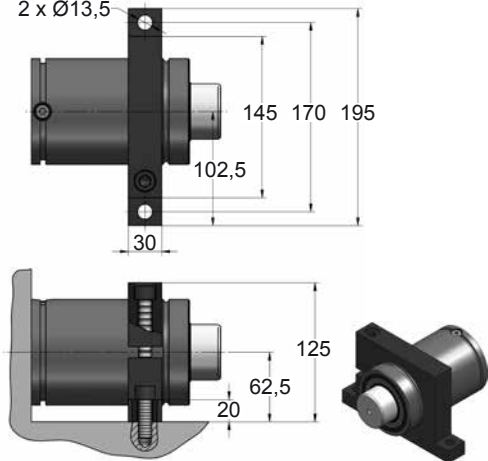
Low Profile

## D02-095

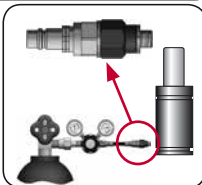
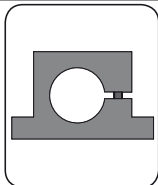
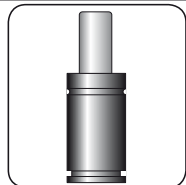
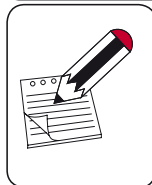
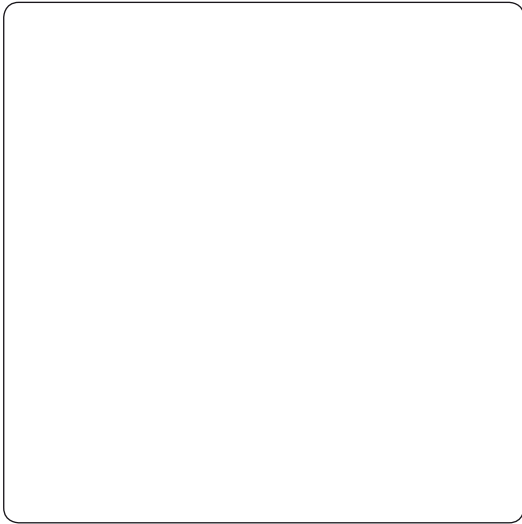
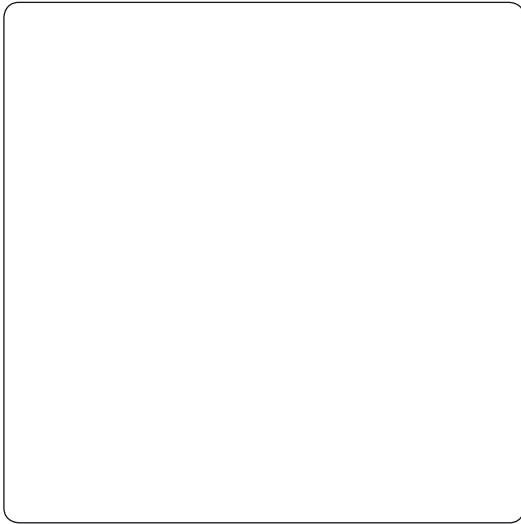
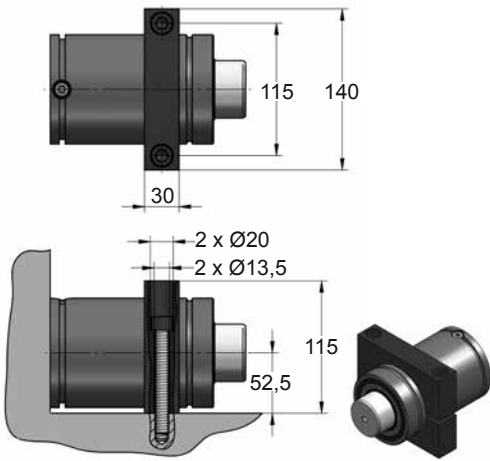
2 x Ø13,5



E24.54.815.G  
EM24.54.700F



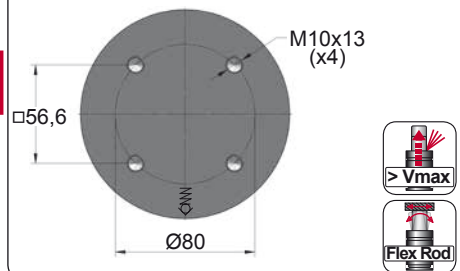
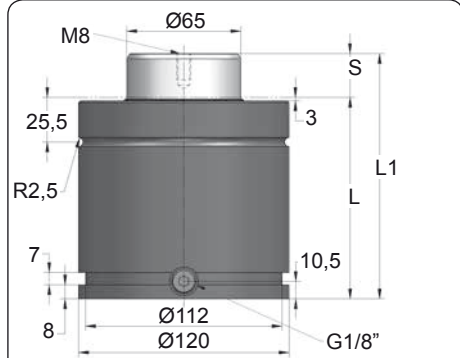
## D67-095



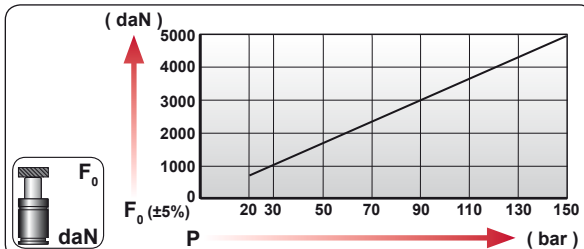
CODE	FD 3000 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

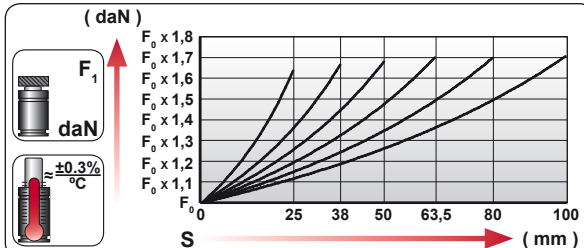
Low Profile



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



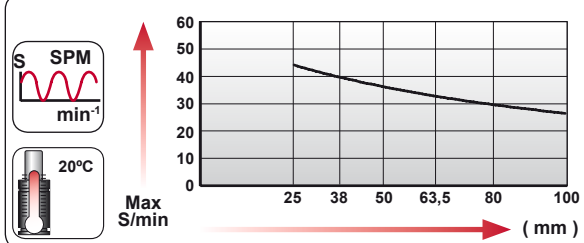
CODE		Pressure			
		bar	psi		
FD 5000 050 V1		150	2175	4980	8365
FD-H 5000 050 V1		0	0	---	---



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

FD 5000 50

**FD 5000 050 V1**



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N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

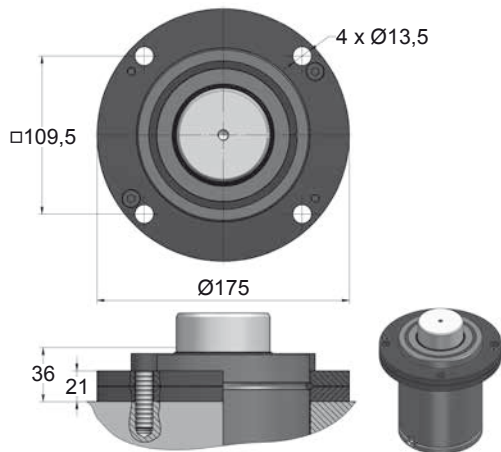


# FD 5000 V1 MOUNTS

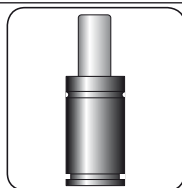
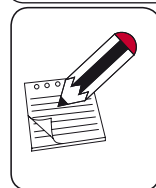
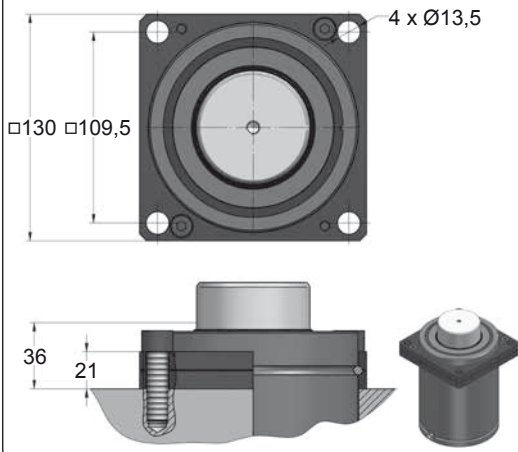
Low Profile

	<b>Ø120</b>	<b>Ø120</b>	<b>Ø120</b>	<b>Ø120</b>	<b>Ø120</b>	<b>Ø120</b>		
	L1=168 L1=172	L1=190	L1=202 L1=215 L1=240	L1=240	L1=260			
MODEL	<b>X</b> CW 6600 KZ 6600	<b>X</b>	<b>FD 5000</b>	GN 5000 CM 6500 CD 6600	AG 5000	<b>X</b> CS 11800		
SERIES	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

## A14-120

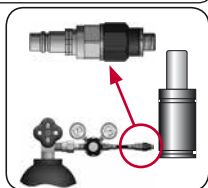
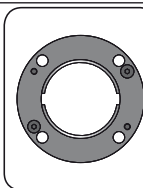


## A34-120



SEAL  
KIT S-XXXXXXX

CARTRIDGE  
KIT C-XXXXXXX



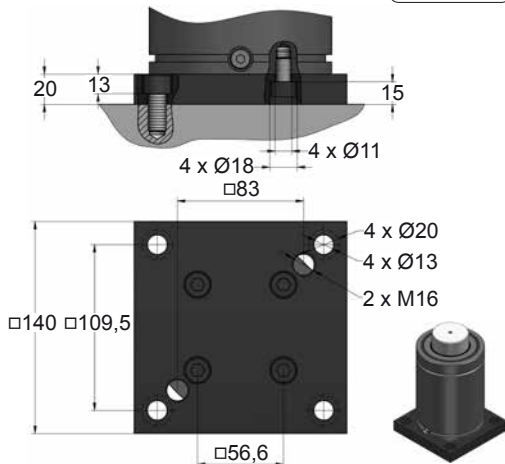
CODE	<b>FD 5000 050 V1</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-120</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

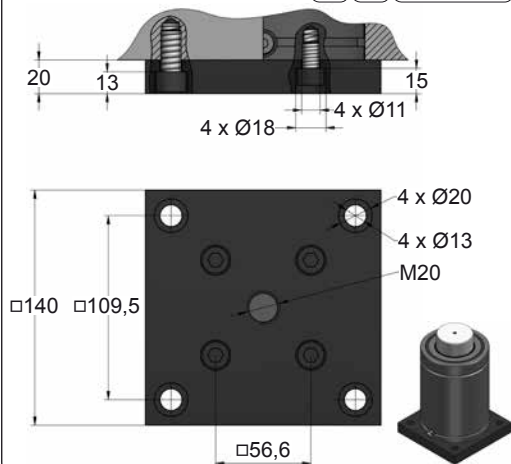
**AZOL**  
**GAS**

Low Profile

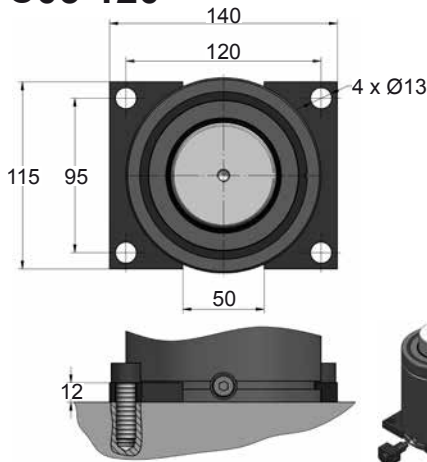
## B21-120

 EM24.54.700/F


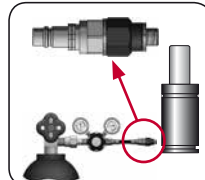
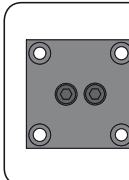
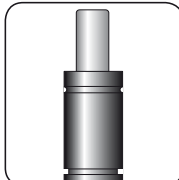
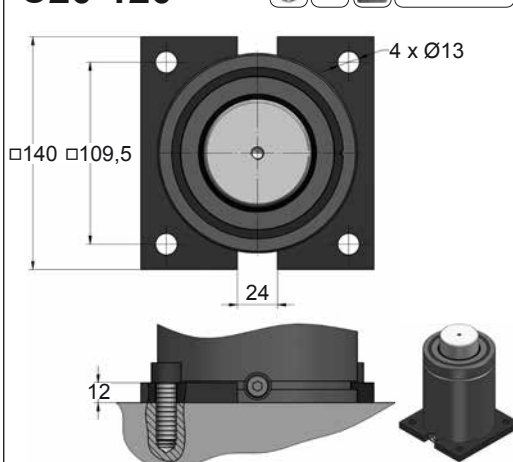
## B76-120

   EM24.54.700/F


## C05-120



## C20-120

    E24.54.815 G  
EM24.54.700/F


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

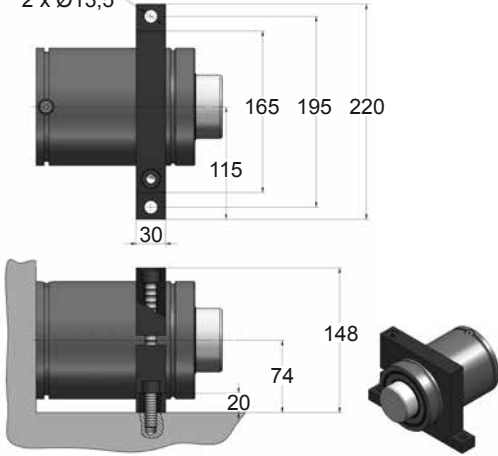
# FD 5000 V1 MOUNTS

Low Profile

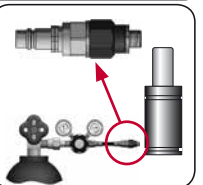
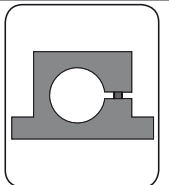
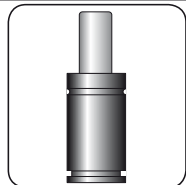
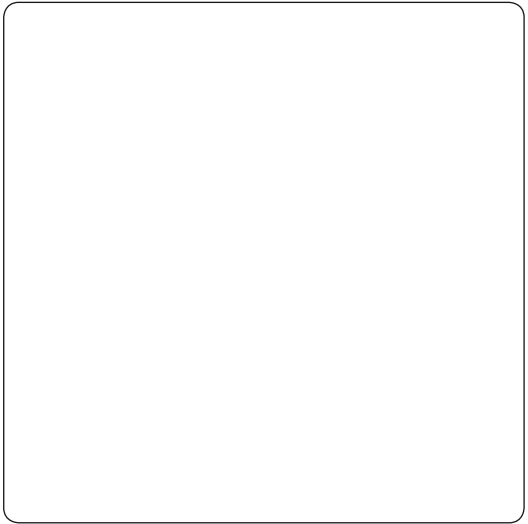
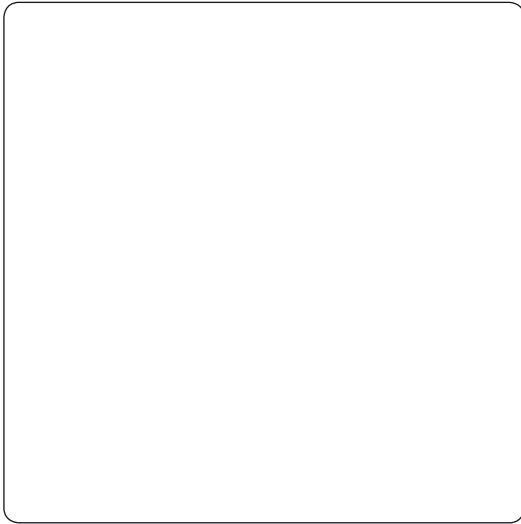
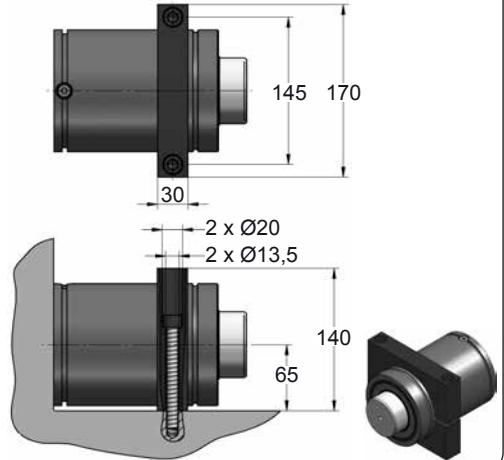


## D02-120

2 x Ø13,5



## D67-120



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





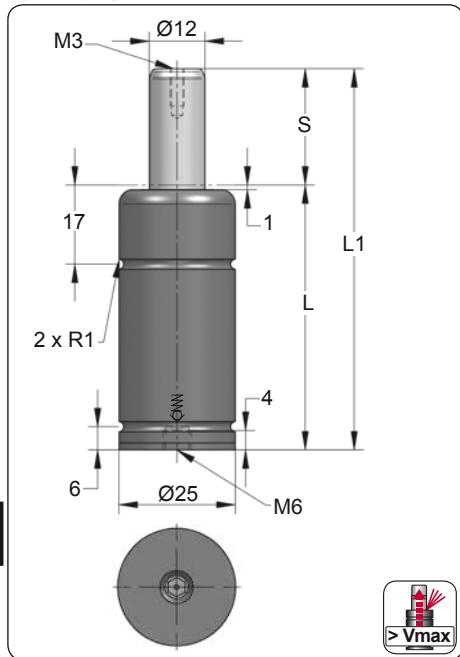
# CK LOW PROFILE MEDIUM

MODEL	F <sub>0</sub>	Ø	S	L1	Pmax	Charge Port		
CK 200 V1	200	Ø25	5 - 100	42 - 232	180	M6	X	X
CK 300 V1	300	Ø32	7 - 100	53 - 239	150	M6	X	X
CK 570 V1	570	Ø38	5 - 125	47 - 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"	✓	✓

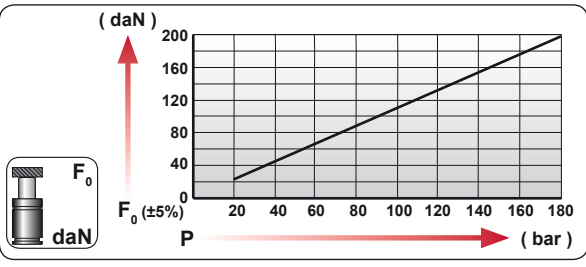
 mm	50	50	50	50	50	50	50	50
 mm	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50
 mm	L1=138 L1=152	L1=138	L1=138 L1=150 L1=150	L1=170 L1=185 L1=195	L1=195	L1=165 L1=175	L1=220	
 daN	1000 1000	1000	1000 1000 750	750 1000 1000	750	1700 2000	1800	
MODEL	X	CW 1000 KZ 1000	AS 1000	CT 1000 CK 1000 FD 750	GN 750 CM 1000 CD 1000	AG 750	CPH 1700 CP 2000	CS 1800
SERIES	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

# CK 200 V1

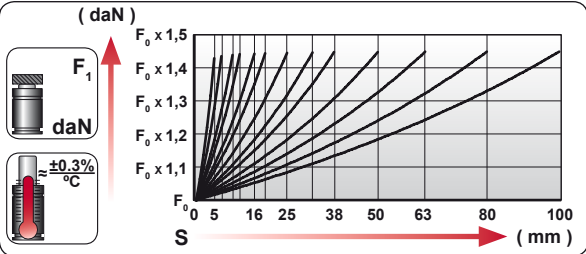
Low Profile



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CK 200 005 V1	5	42	37	0,30
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 <sub>0</sub> daN	F <sub>1</sub> daN
CK 200 050 V1		170	2465	190	280
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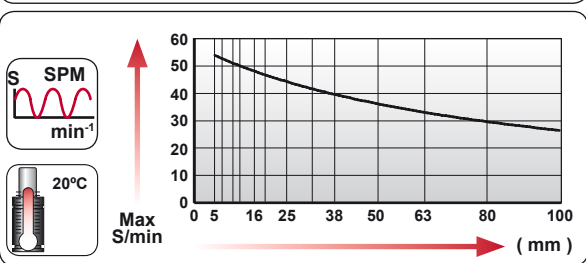


ENG ORDER  
 DEU BESTELLUNG  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO

F<sub>0</sub> daN  
 S mm

**CK 200 50**

**CK 200 050 V1**



	S <sub>max</sub> 100%	v	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	
--	-----------------------	---	-------------------------	-------------------------	------------------	------------------	--

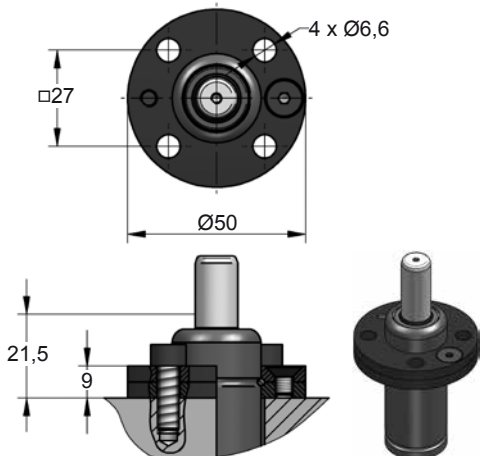
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	
			20 290	180 2610	0 32	80 176	



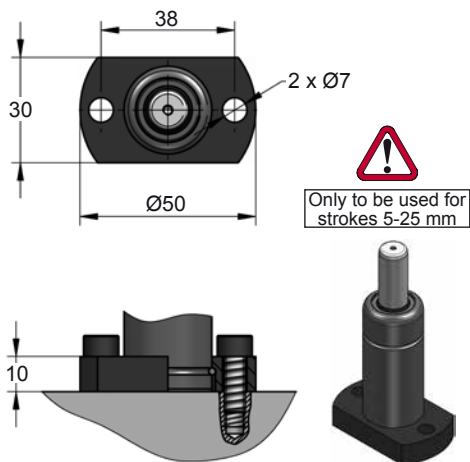
# CK 200 V1 MOUNTS

Low Profile

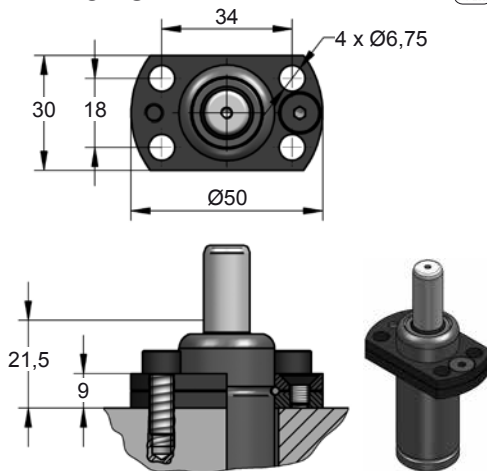
## A14-025



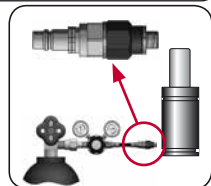
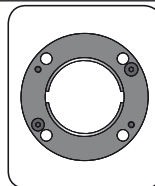
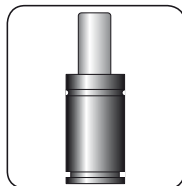
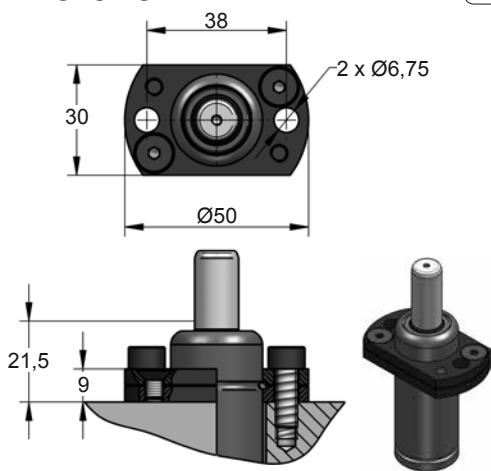
## A19-025



## A44-025



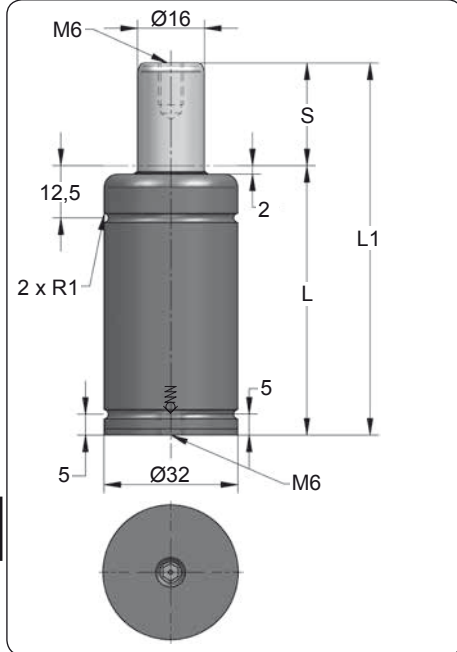
## A49-025



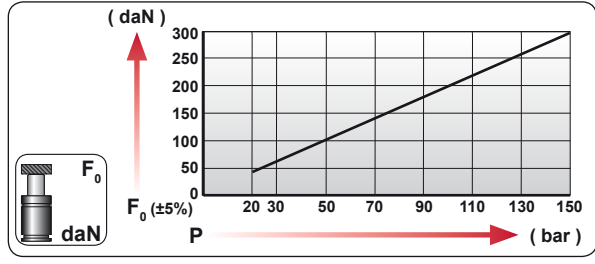
CODE	CK 200 050 V1	<b>X</b>	A14-025	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

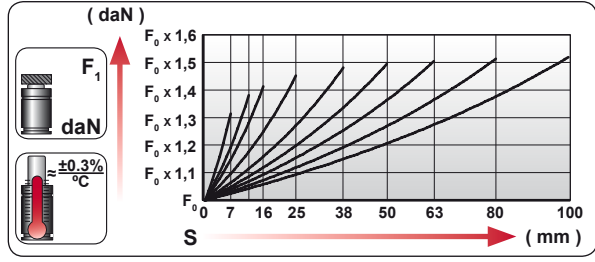
Low Profile



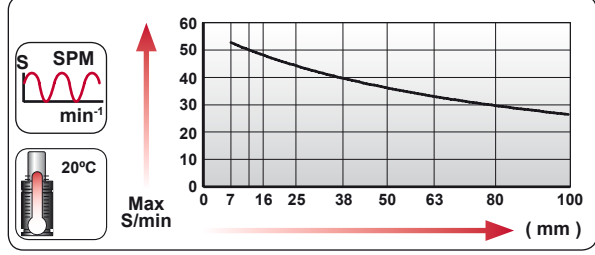
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CK 300 007 V1	7	53	46	0.21
CK 300 012 V1	12	63	51	0.23
CK 300 016 V1	16	71	55	0.25
CK 300 025 V1	25	89	64	0.28
CK 300 038 V1	38	115	77	0.33
CK 300 050 V1	50	139	89	0.38
CK 300 063 V1	63	165	102	0.43
CK 300 080 V1	80	199	119	0.50
CK 300 100 V1	100	239	139	0.57



CODE		Pressure		Force	
		bar	psi	daN	daN
CK 300 050 V1		150	2175	300	460
-----		---	---	---	---



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		300	50
<b>CK 300 050 V1</b>			



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

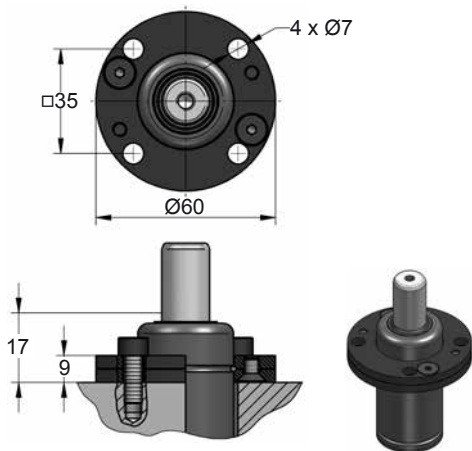
bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	150	2175	0	32	80	176	



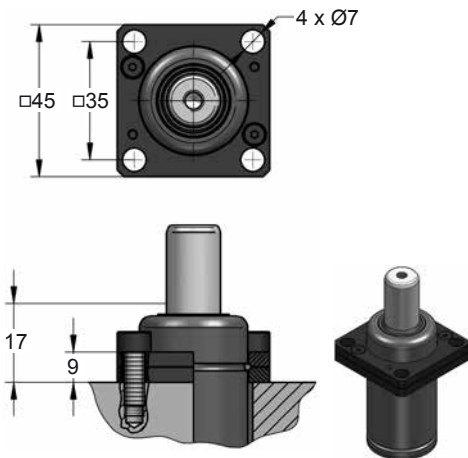
# CK 300 V1 MOUNTS

Low Profile

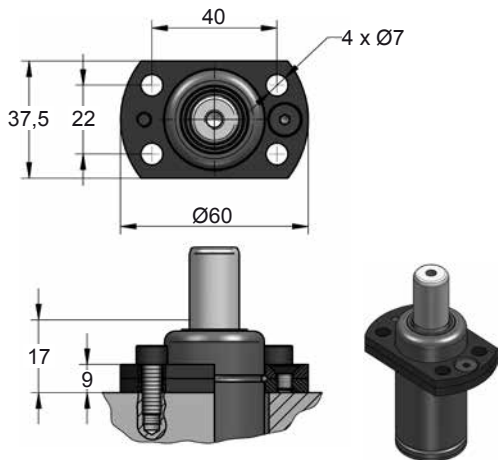
## A14-032



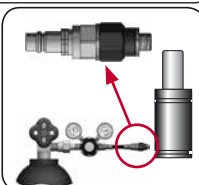
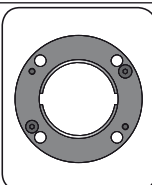
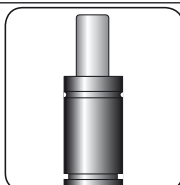
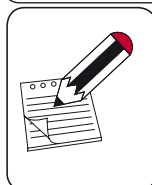
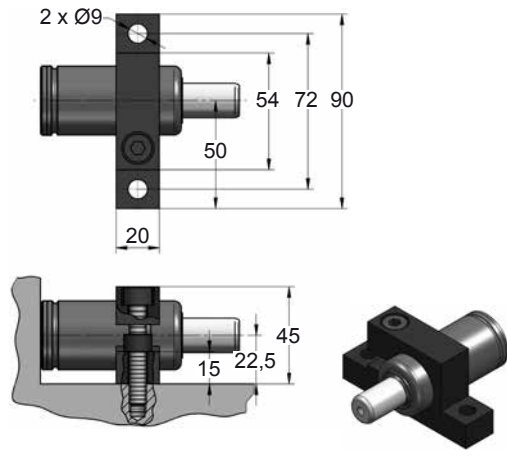
## A34-032



## A44-032



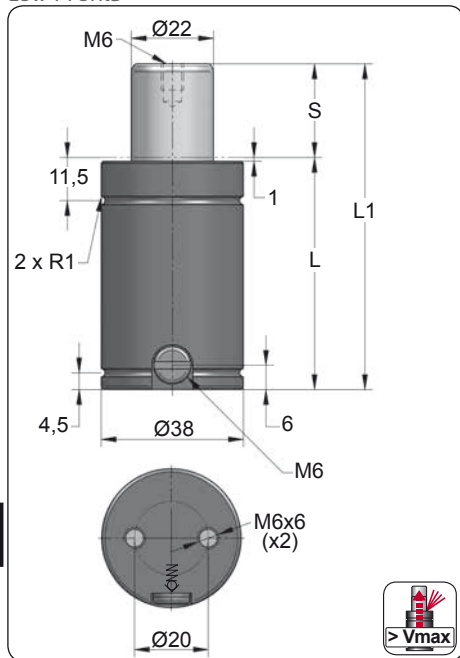
## D02-032



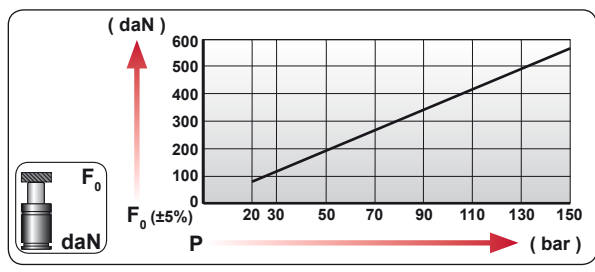
CODE	CK 300 050 V1	<b>X</b>	A14-032	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE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

# CK 570 V1

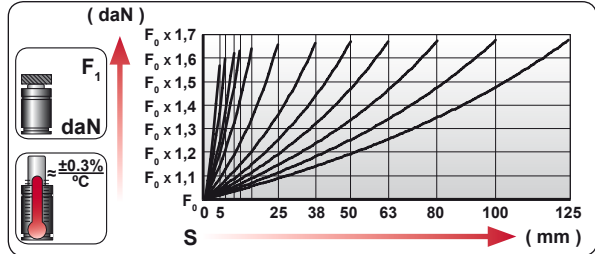
Low Profile



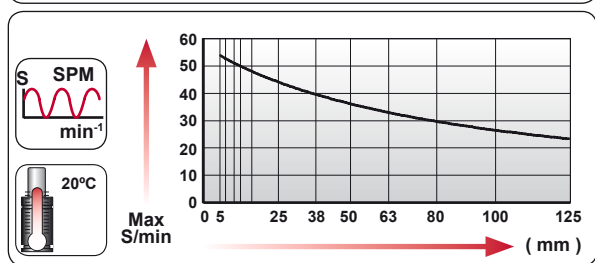
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CK 570 005 V1	5	47	42	0.30
CK 570 007 V1	7	51	44	0.31
CK 570 010 V1	10	57	47	0.33
CK 570 012 V1	12	61	49	0.33
CK 570 016 V1	16	69	53	0.35
CK 570 025 V1	25	87	62	0.39
CK 570 038 V1	38	113	75	0.45
CK 570 050 V1	50	137	87	0.51
CK 570 063 V1	63	163	100	0.57
CK 570 080 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		Pressure			
		bar	psi		
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		
		daN	mm
		CK 570	50
		CK 570 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

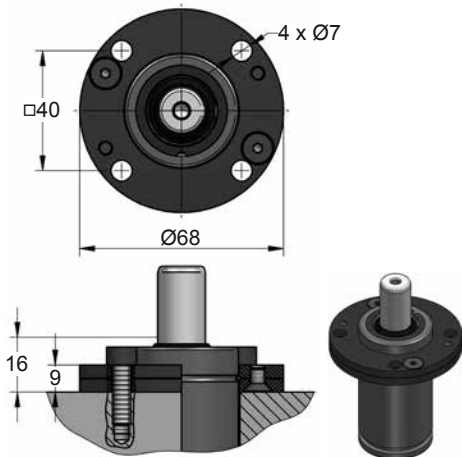
bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176



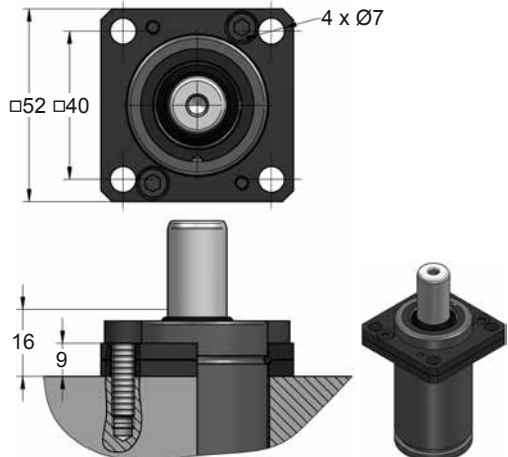
# CK 570 V1 MOUNTS

Low Profile

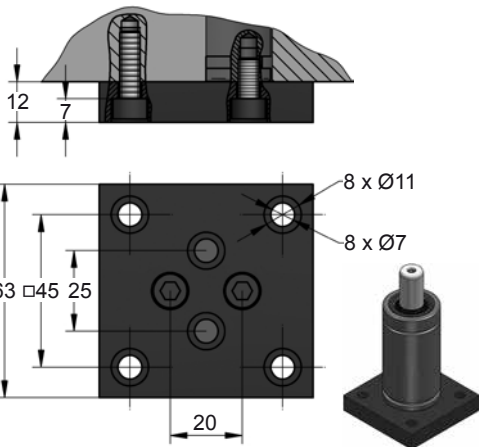
## A14-038



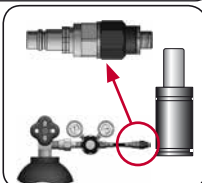
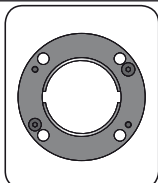
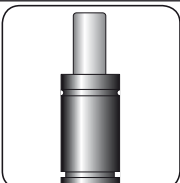
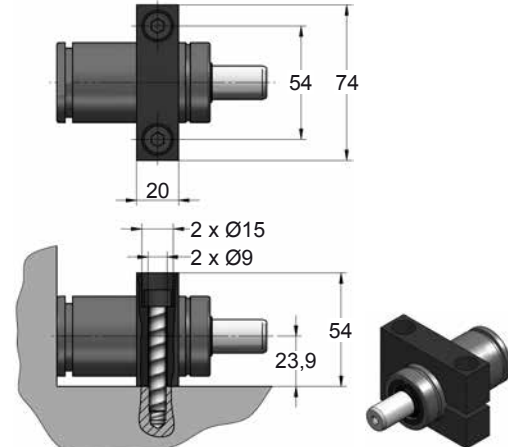
## A34-038



## B76-038



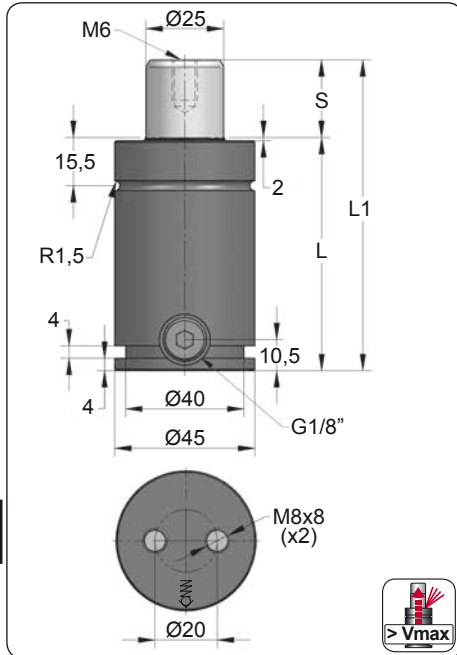
## D67-038



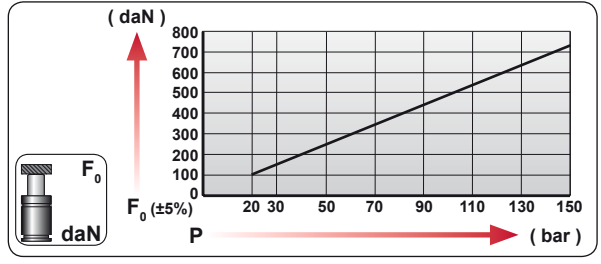
CODE	CK 570 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-038	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

# CK 750 V1

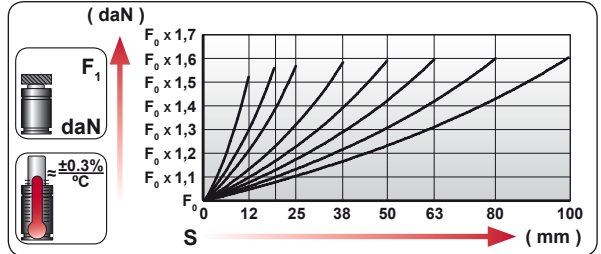
Low Profile



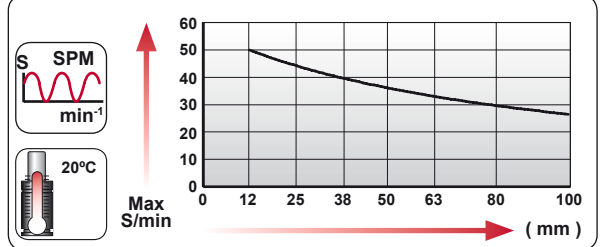
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CK 750 012 V1	12	74	62	0.58
CK 750 019 V1	19	88	69	0.62
CK 750 025 V1	25	100	75	0.66
CK 750 038 V1	38	126	88	0.74
CK 750 050 V1	50	150	100	0.81
CK 750 063 V1	63	176	113	0.89
CK 750 080 V1	80	210	130	1.00
CK 750 100 V1	100	250	150	1.12



CODE					
		bar	psi		
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		
		daN	mm
		CK 750	50
		CK 750 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176



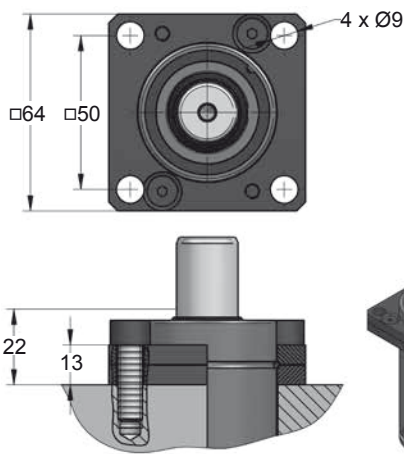


# CK 750 V1 MOUNTS

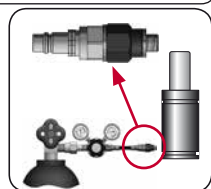
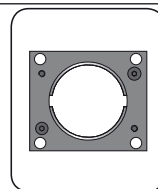
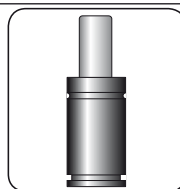
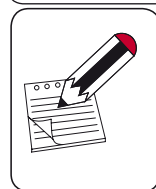
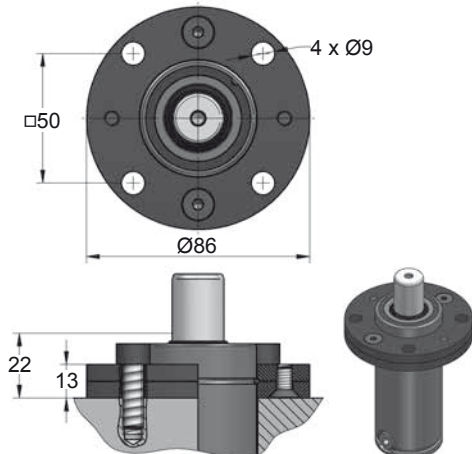
Low Profile

  		 <b>Ø45</b> <b>L1=132</b> <b>L1=147</b>	 <b>Ø45</b> <b>L1=132</b>	 <b>Ø45</b> <b>L1=150</b> <b>L1=150</b>	 <b>Ø45</b> <b>L1=160</b> <b>L1=185</b>	 <b>Ø45</b> <b>L1=185</b>	 <b>Ø45</b> <b>L1=160</b>	
<b>MODEL</b>	<b>×</b>	CW 750 KZ 750	AS 700	<b>CK 750</b> FD 500	CM 600 CD 700	APF 500	CPH 1250	<b>×</b>
<b>SERIES</b>	MINI	COMPACT HEIGHT	THREADED	<b>LOW PROFILE</b>	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE

## A69-045



## A74-045



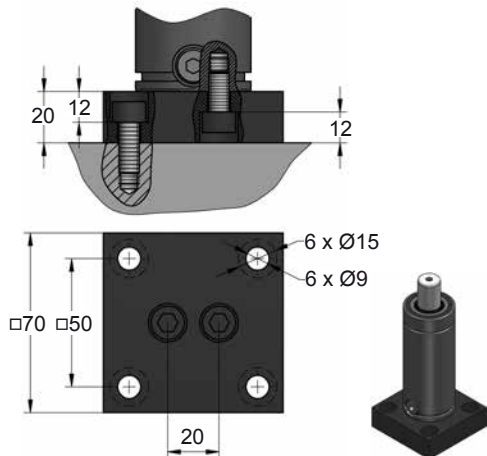
<b>CODE</b>	<b>CK 750 050 V1</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A69-045</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

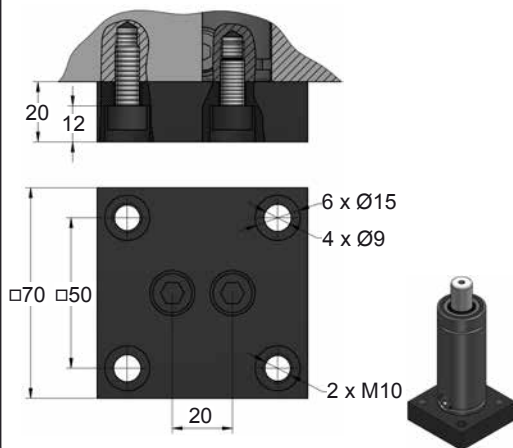
Low Profile

**AZOL**  
**GAS**

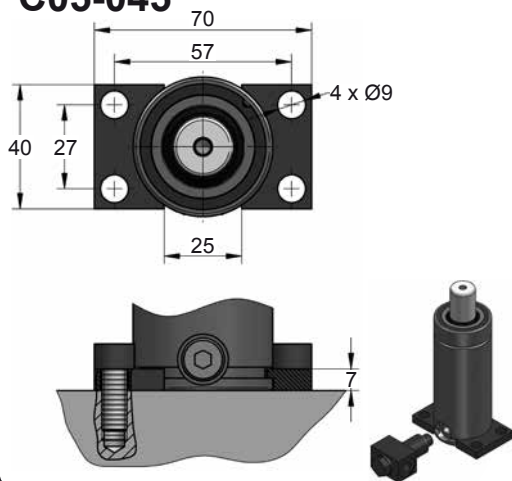
## B21-045



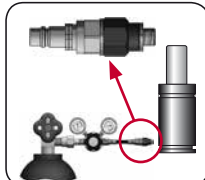
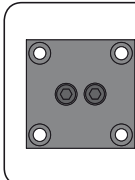
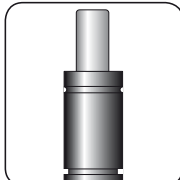
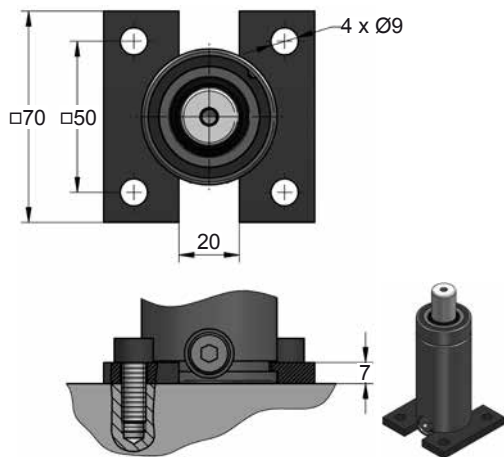
## B76-045



## C05-045



## C20-045

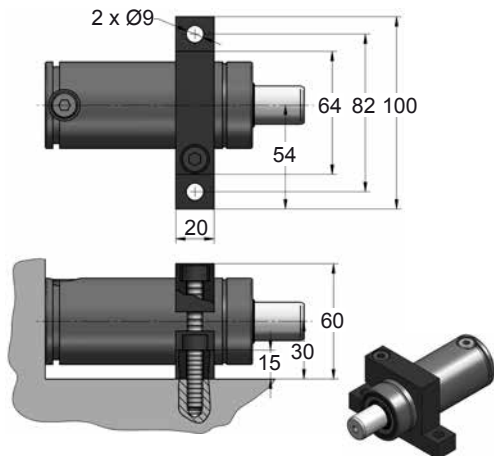


CODE	CK 750 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	B21-045	18 CG 1-Q	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

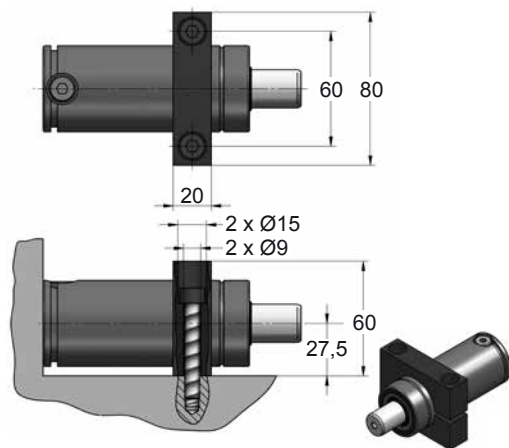
# CK 750 V1 MOUNTS

Low Profile

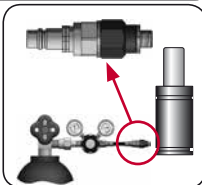
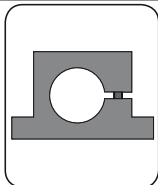
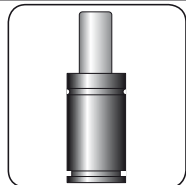
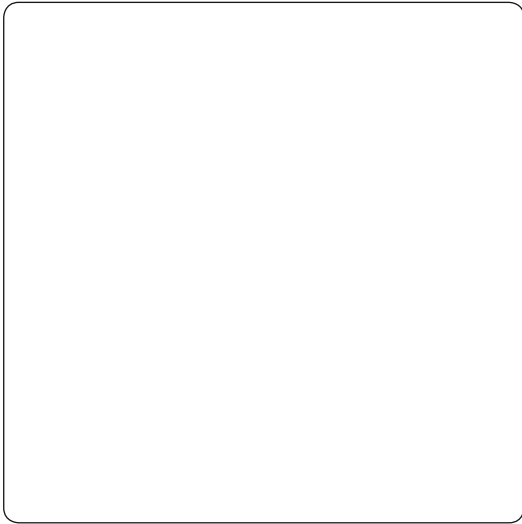
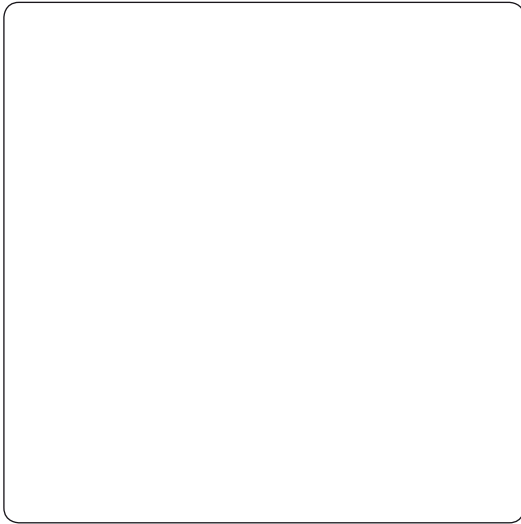
## D02-045



## D67-045



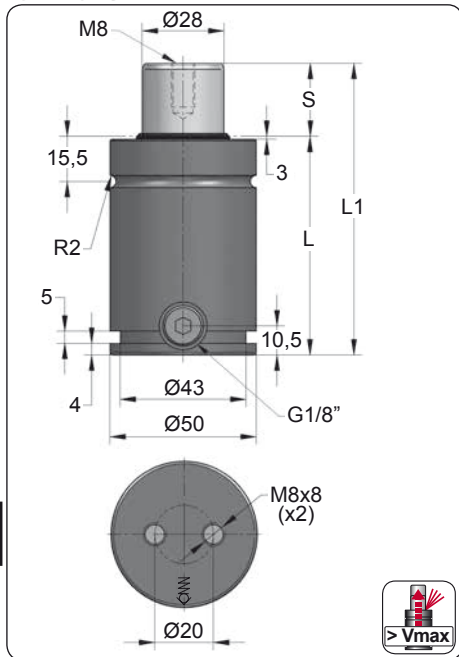
VDI



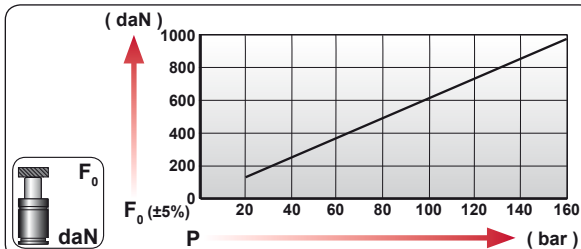
CODE	CK 750 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	D02-045	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

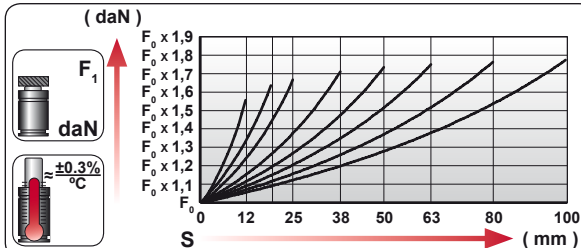
Low Profile



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



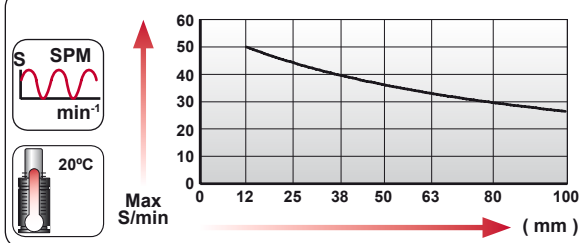
CODE					
		bar	psi		
CK 1000 050 V1		160	2320	985	1710
CK-H 1000 050 V1		0	0	---	---



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm

CK 1000 50

CK 1000 050 V1



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	160	2320	0	32	80	176

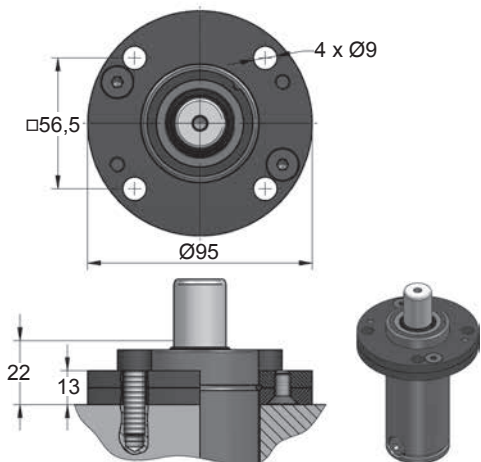


# CK 1000 V1 MOUNTS

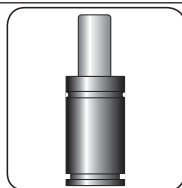
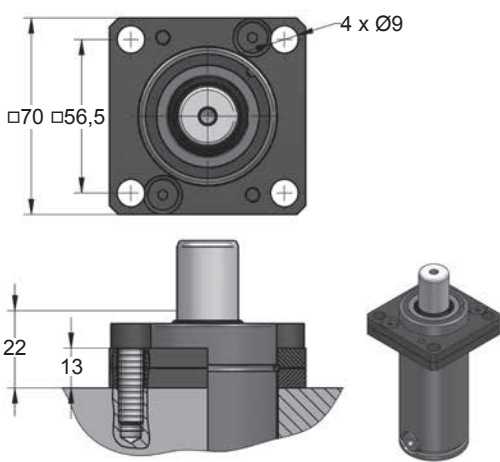
Low Profile

<b>MODEL</b>	<b>X</b>	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
<b>SERIES</b>	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE

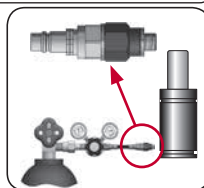
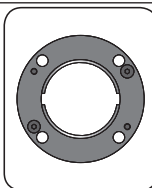
## A14-050



## A34-050



**SEAL KIT S-XXXXXXX**  
**CARTRIDGE KIT C-XXXXXXX**



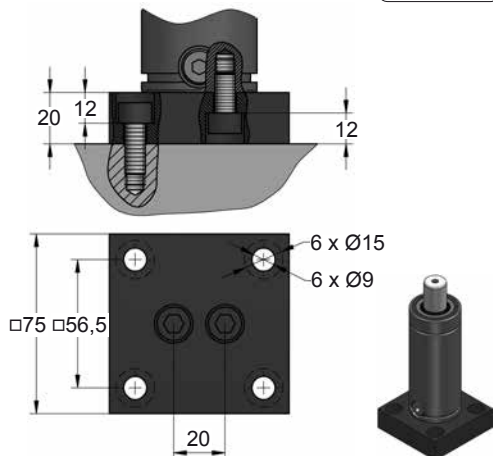
<b>CODE</b>	<b>CK 1000 050 V1</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-050</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

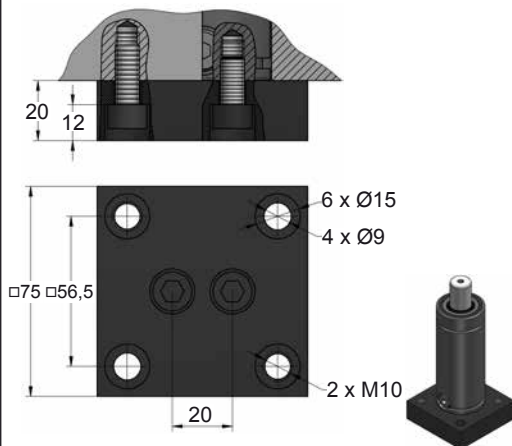
Low Profile

**AZOL**  
**GAS**

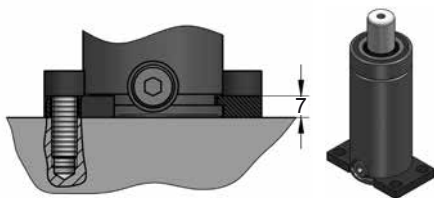
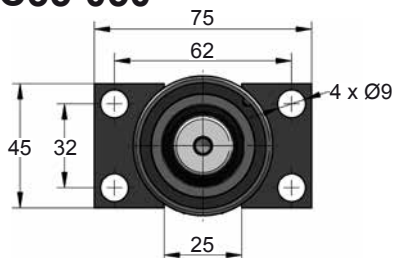
## B21-050



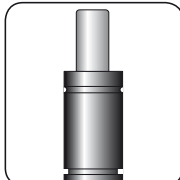
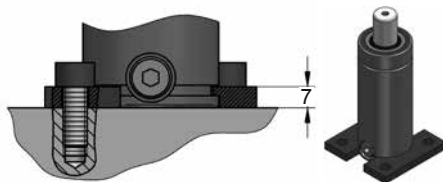
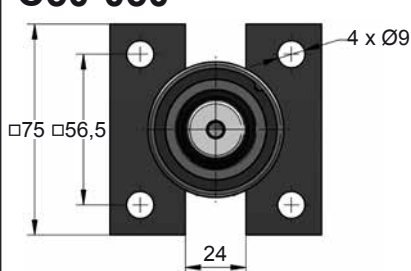
## B76-050



## C35-050



## C50-050



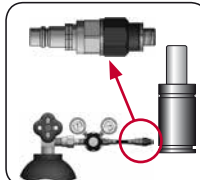
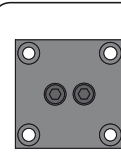
SEAL

KIT S-XXXXXXX



CARTRIDGE

KIT C-XXXXXXX

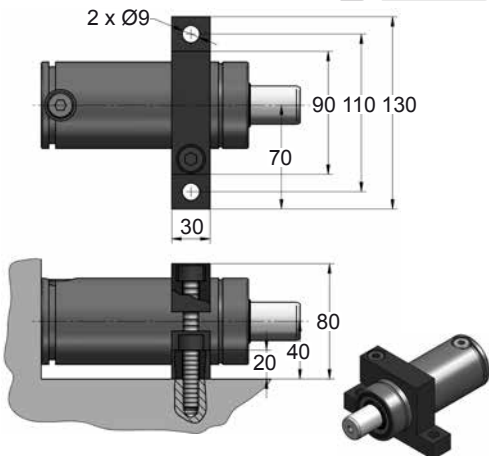


CODE	CK 1000 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	B21-050	18 CG 1-Q
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA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

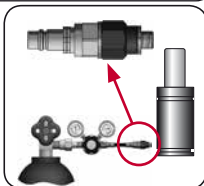
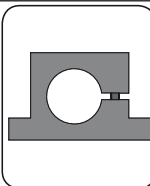
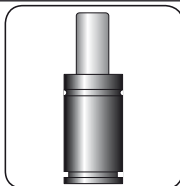
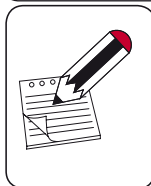
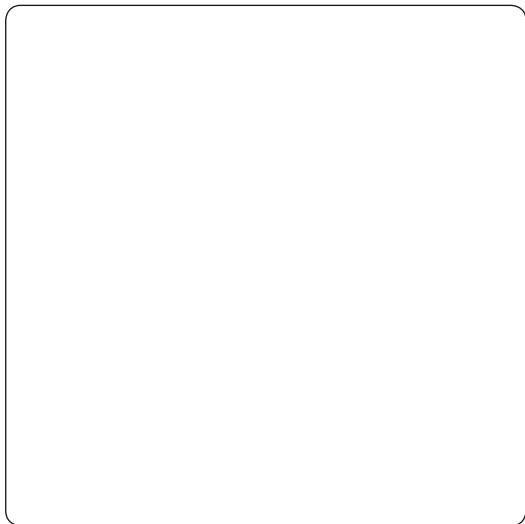
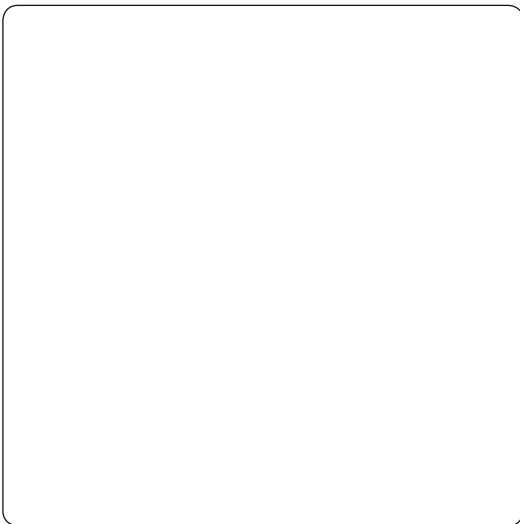
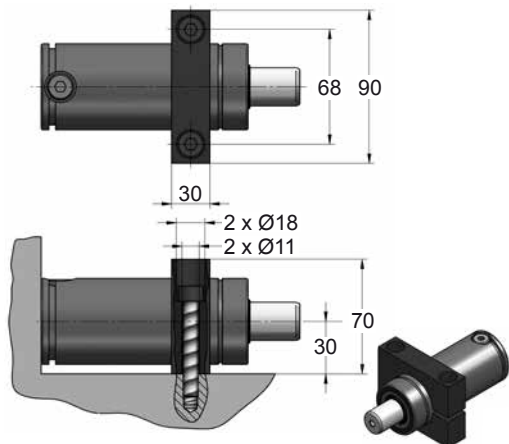
# CK 1000 V1 MOUNTS

Low Profile

## D02-050



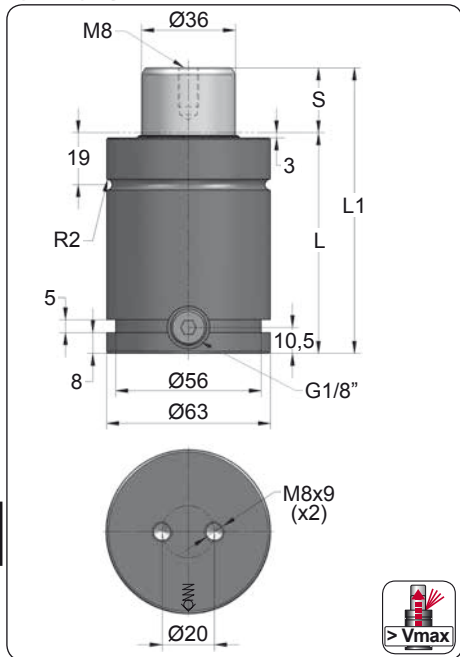
## D67-050



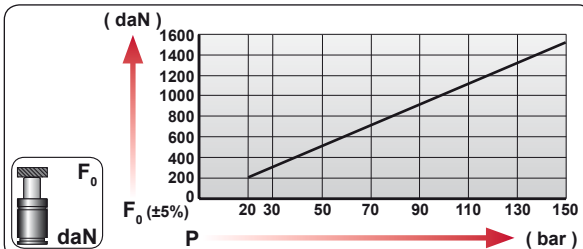
CODE	CK 1000 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	D02-050	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

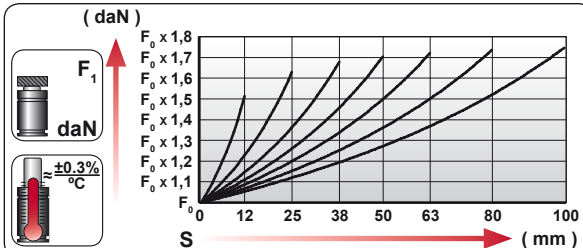
Low Profile



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



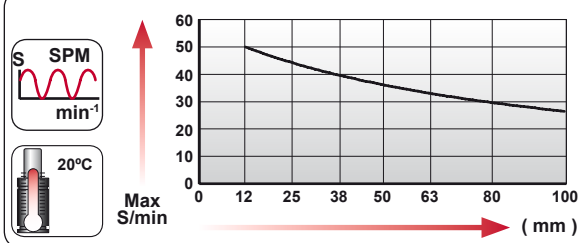
CODE				
	bar	psi	daN	daN
CK 1500 050 V2	150	2175	1530	2605
CK-H 1500 050 V2	0	0	---	---



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

**F<sub>0</sub>** daN  
**S** mm

**CK 1500 50**  
**CK 1500 050 V2**



**N<sub>2</sub>**

**S<sub>max</sub> < 90%**

**V<sub>max</sub> 1,6 m/s**

**P<sub>min</sub> (20°C)**  
**P<sub>max</sub> (20°C)**

**T<sub>min</sub>**  
**T<sub>max</sub>**

**600 CP-**

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	



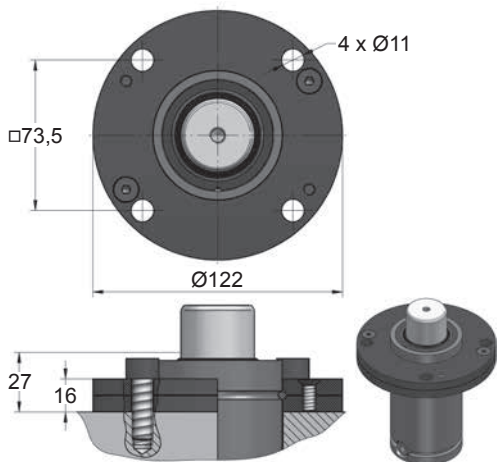


# CK 1500 V2 MOUNTS

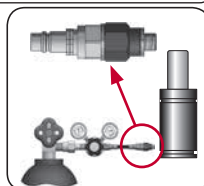
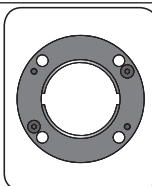
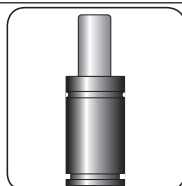
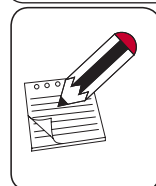
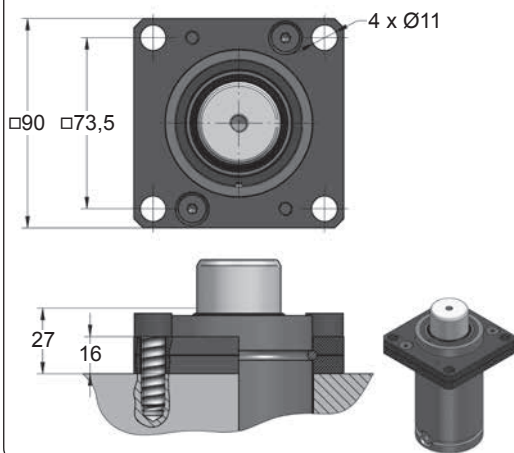
Low Profile

MODEL	×	CW 1500 KZ 1500	×	CT 1500 CK 1500	CM 1500 CD 1500	×	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



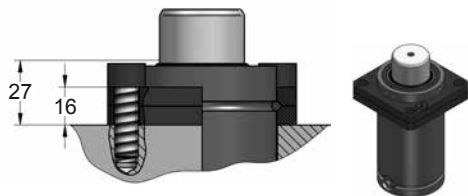
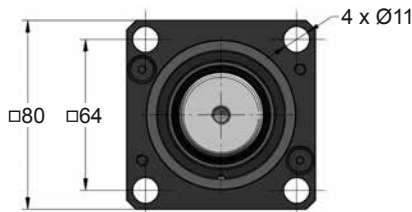
CODE	CK 1500 050 V2	KIT S-XXXXXXX KIT C-XXXXXXX	A14-063	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

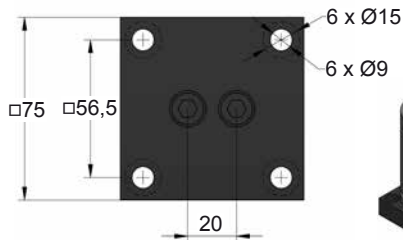
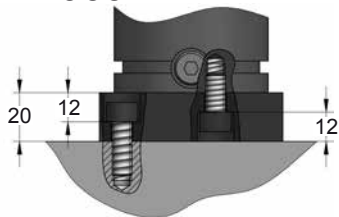
Low Profile

**AZOL**  
**GAS**

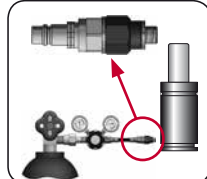
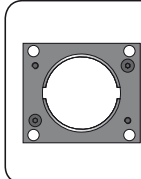
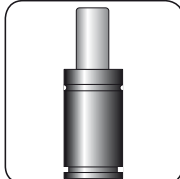
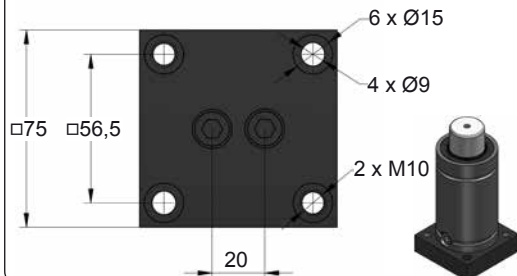
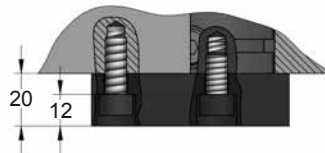
## A69-063



## B21-063

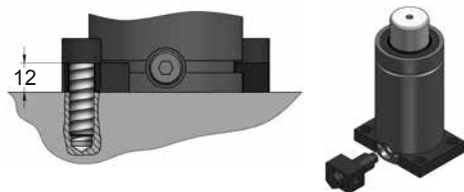
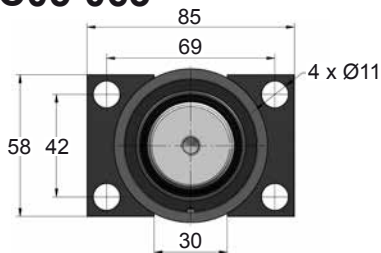


## B76-063

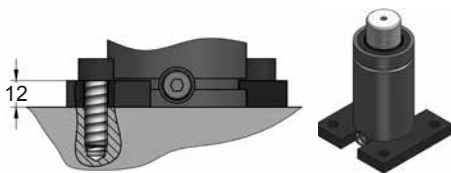
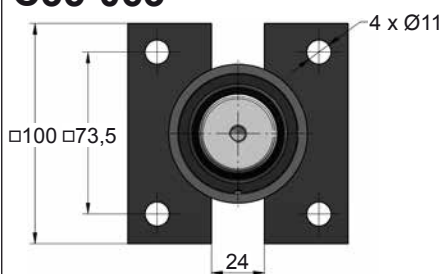


CODE	CK 1500 050 V2	KIT S-XXXXXXX KIT C-XXXXXXX	A69-063	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

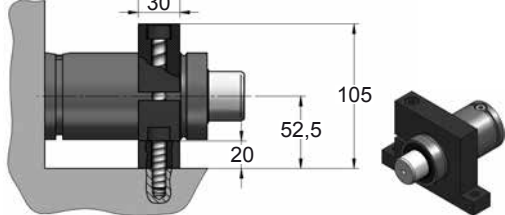
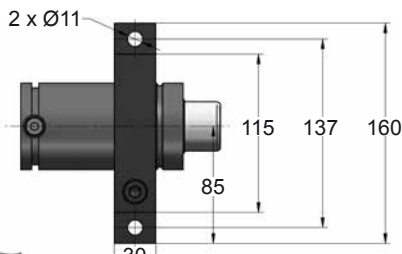
## C05-063



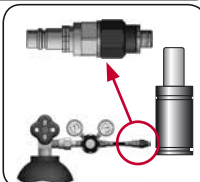
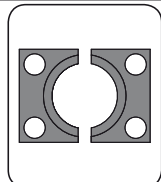
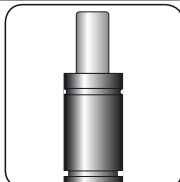
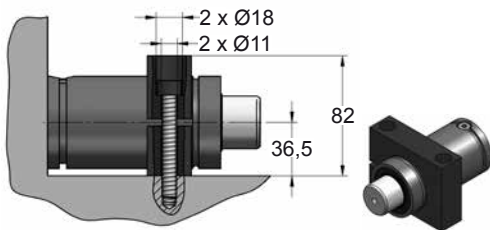
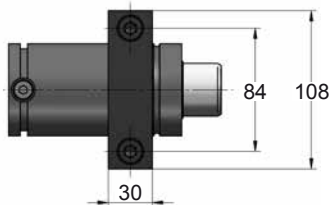
## C35-063



## D02-063



## D67-063

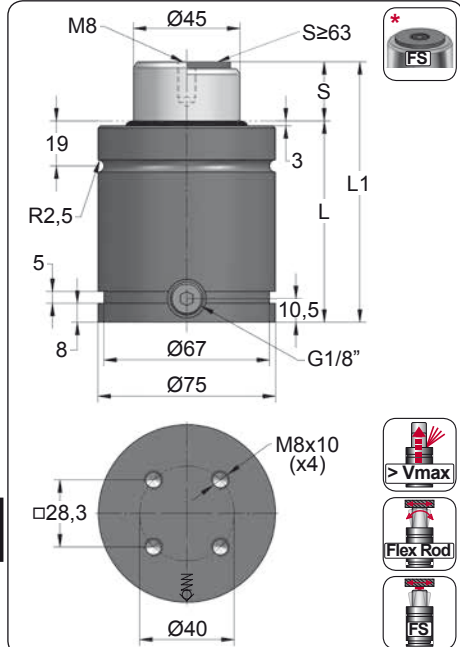


CODE	CK 1500 050 V2	KIT S-XXXXXXX KIT C-XXXXXXX	C05-063	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

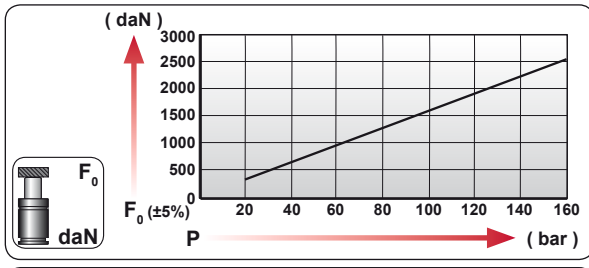
# CK 2500 V1

Low Profile

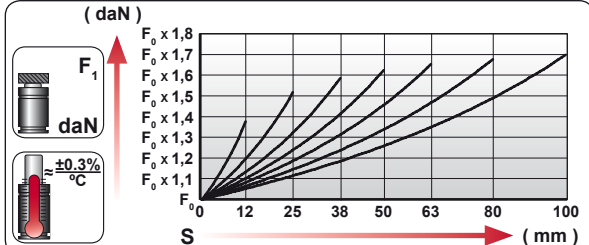


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CK 2500 012 V1	12	84	72	1.82
CK 2500 025 V1	25	110	85	2.05
CK 2500 038 V1	38	136	98	2.27
CK 2500 050 V1	50	160	110	2.48
CK 2500 063 V1 *	63	186	123	2.70
CK 2500 080 V1 *	80	220	140	2.99
CK 2500 100 V1 *	100	260	160	3.33



CODE					
		bar	psi		
CK 2500 050 V1		160	2320	2545	4135
CK-H 2500 050 V1		0	0	---	---

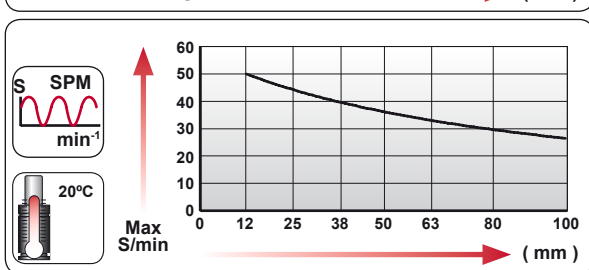


ENG ORDER  
 DEU BESTELLUNG  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO

F<sub>0</sub> daN  
 S mm

**CK 2500 50**

**CK 2500 050 V1**



	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	
--	------------------------	--------------------------	-------------------------	-------------------------	------------------	------------------	--

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	160 2320	0 32	80 176	

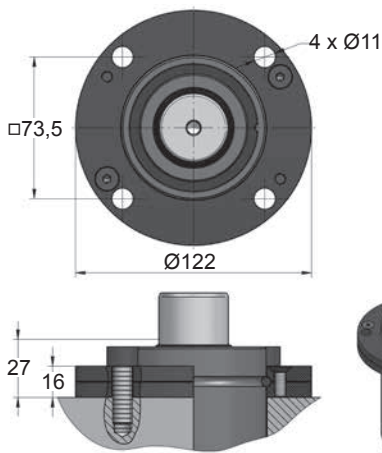


# CK 2500 V1 MOUNTS

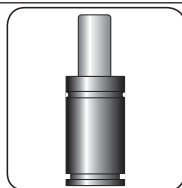
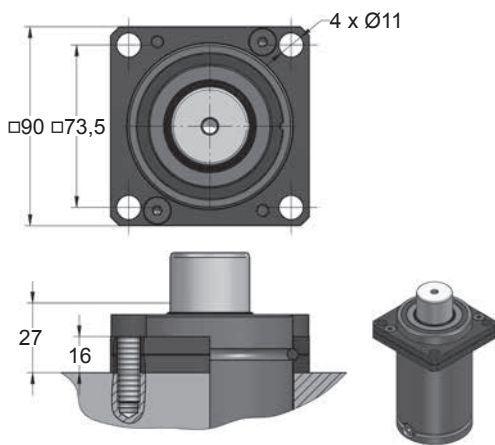
Low Profile

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

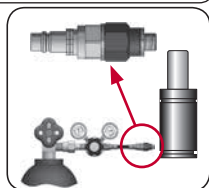
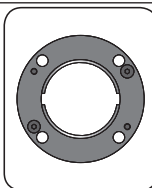
## A14-075



## A34-075



**SEAL KIT S-XXXXXXX**  
**CARTRIDGE KIT C-XXXXXXX**




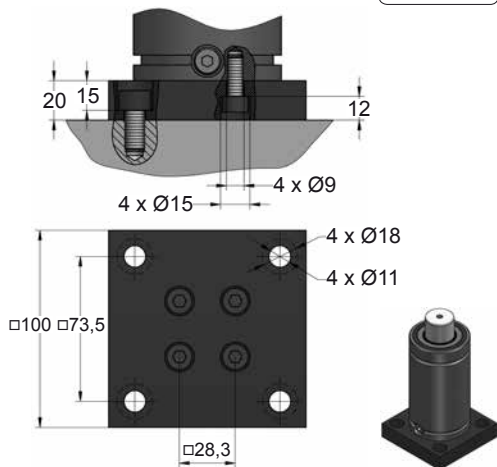
<b>CODE</b>	<b>CK 2500 050 V1</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-075</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

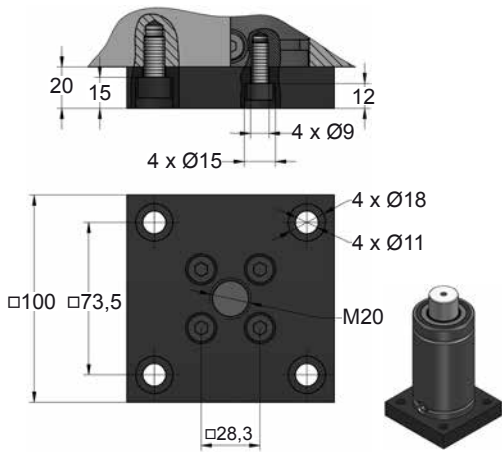
Low Profile

**AZOL**  
**GAS**

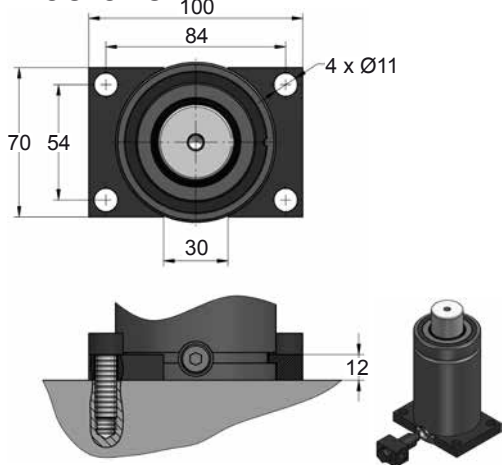
## B21-075

 EM24.54.700/F


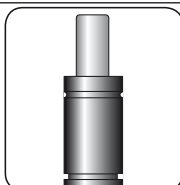
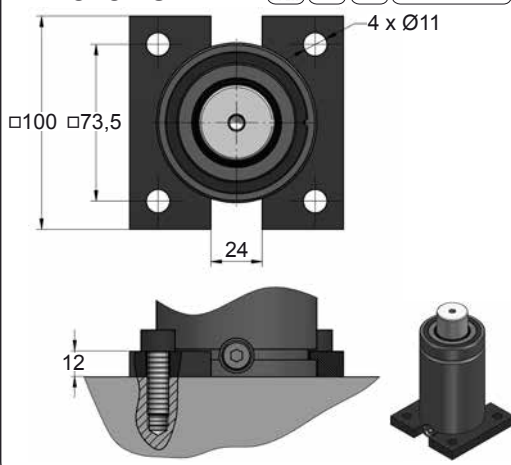
## B76-075

   E24.54.815.G  
EM24.54.700/F


## C05-075



## C20-075

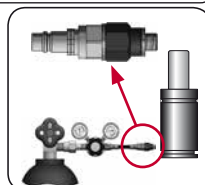
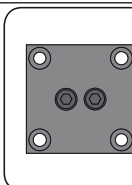
    E24.54.815.G  
EM24.54.700/F


SEAL

KIT S-XXXXXXX

CARTRIDGE

KIT C-XXXXXXX



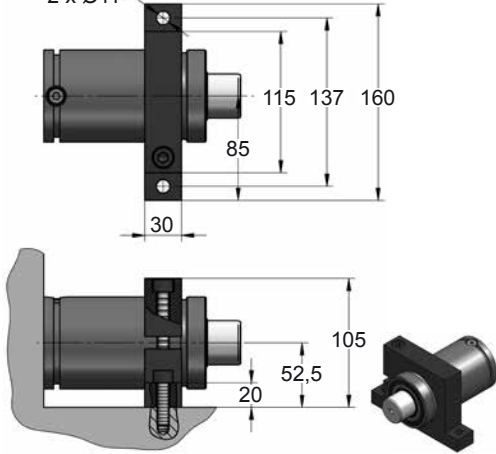
CODE	CK 2500 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	B21-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

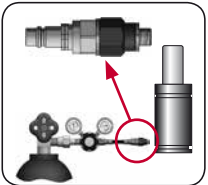
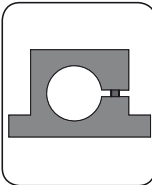
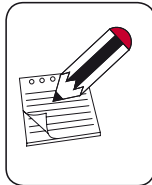
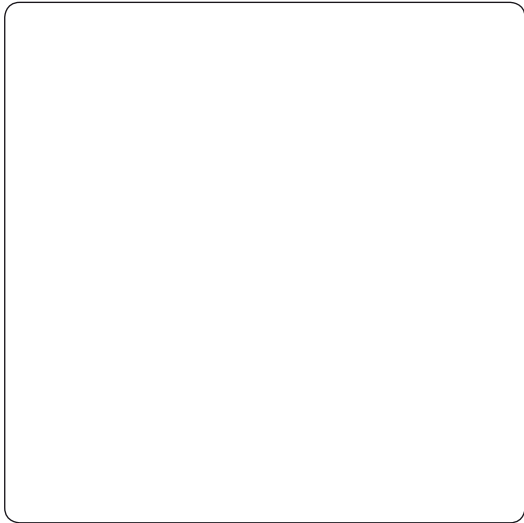
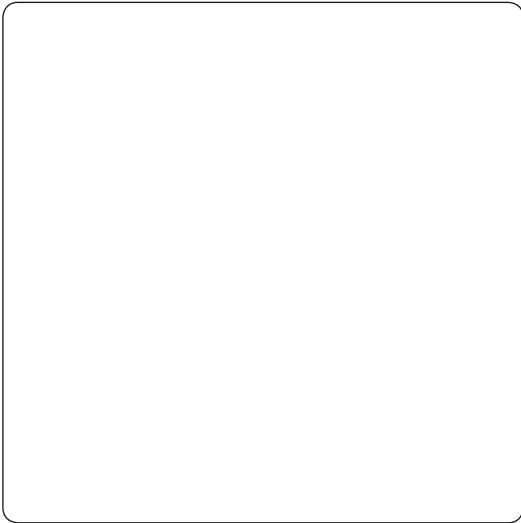
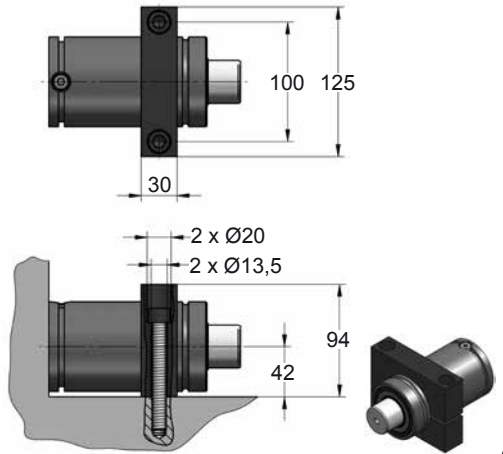
Low Profile

## D02-075

2 x Ø11



## D67-075

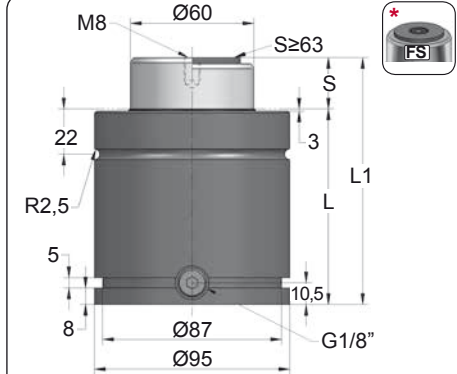


CODE	CK 2500 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	D02-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

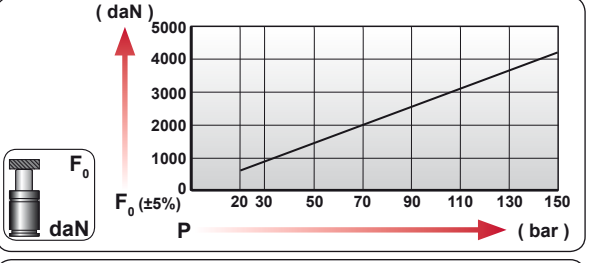
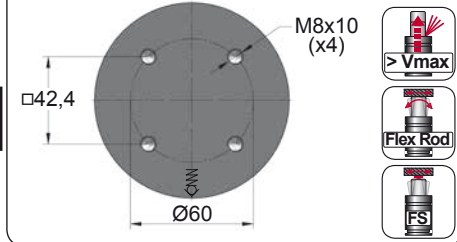
# CK 4000 V1

Low Profile

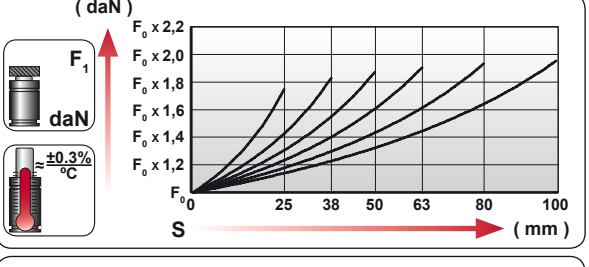


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CK 4000 025 V1	25	120	95	3.52
CK 4000 038 V1	38	146	108	3.89
CK 4000 050 V1	50	170	120	4.23
CK 4000 063 V1 *	63	196	133	4.60
CK 4000 080 V1 *	80	230	150	5.09
CK 4000 100 V1 *	100	270	170	5.66



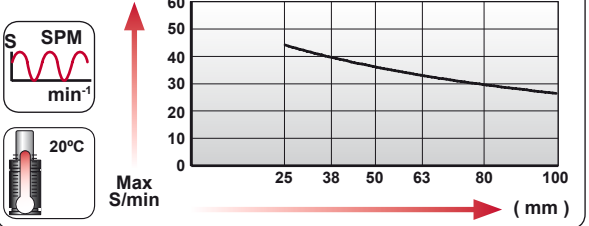
CODE	Pressure (bar/psi)	F <sub>0</sub> (daN)	F <sub>1</sub> (daN)
CK 4000 050 V1	140 / 2030	3960	7415
CK-H 4000 050 V1	0 / 0	---	---



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

F<sub>0</sub> daN  
 S mm

**CK 4000 50**  
**CK 4000 050 V1**



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N <sub>2</sub>	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-
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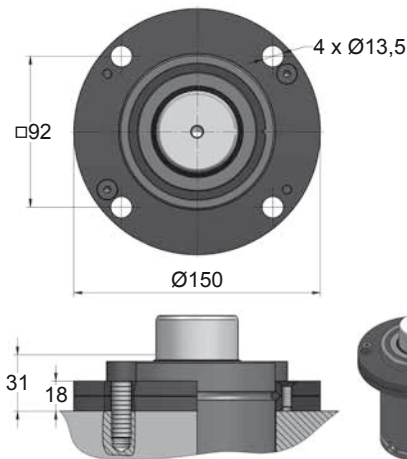


# CK 4000 V1 MOUNTS

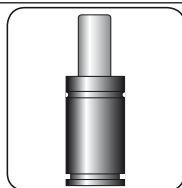
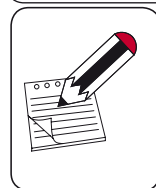
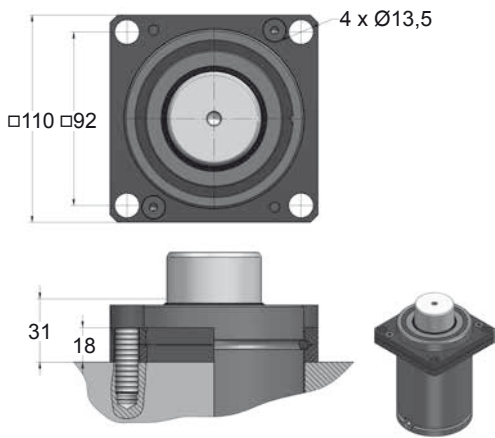
Low Profile

  	 Ø95 L1=158 L1=162	 Ø95 L1=170 L1=170	 Ø95 L1=195 L1=205 L1=220	 Ø95 L1=220	 Ø95 L1=215	 Ø95 L1=255		
MODEL	✗ CW 4200 KZ 4200	✗	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

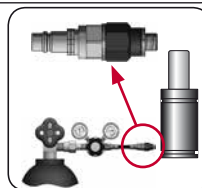
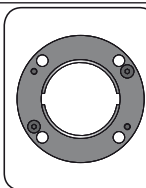


## A34-095



SEAL  
KIT S-XXXXXXX

CARTRIDGE  
KIT C-XXXXXXX



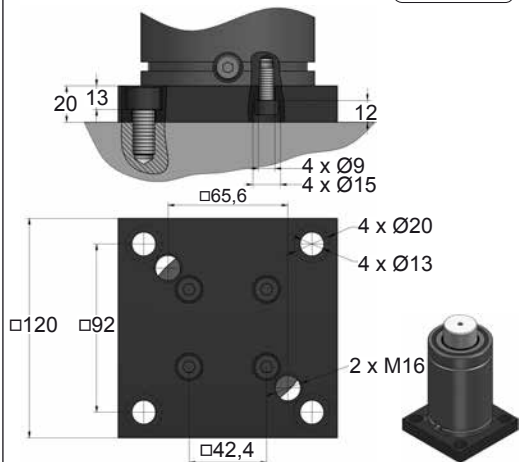
CODE	CK 4000 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

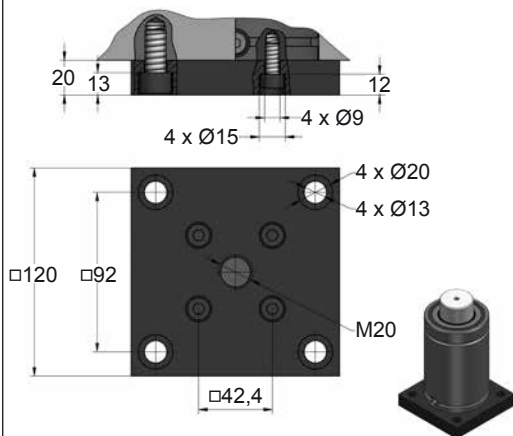
**AZOL  
GAS**

Low Profile

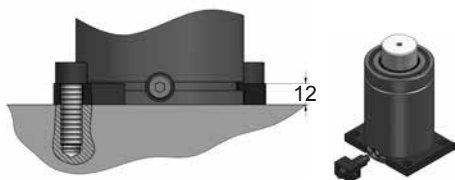
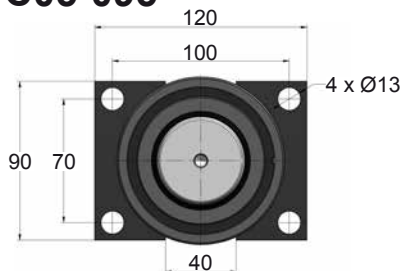
## B21-095

 EM24.54.700/F


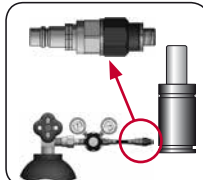
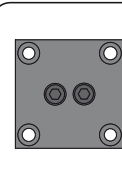
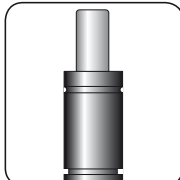
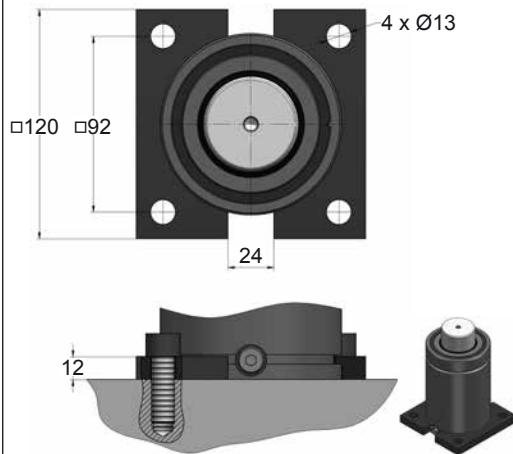
## B76-095

   EM24.54.700/F


## C05-095



## C20-095

    E24.54.815.G  
EM24.54.700/F


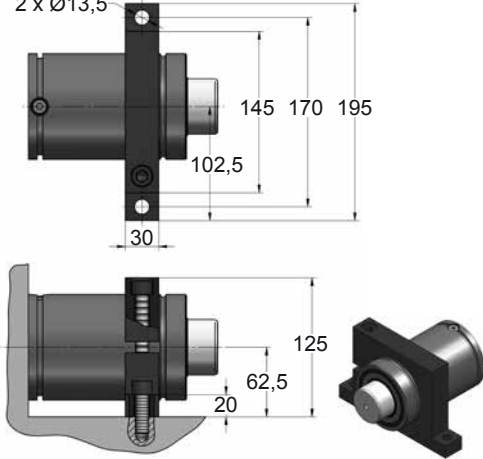
CODE	CK 4000 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	B21-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

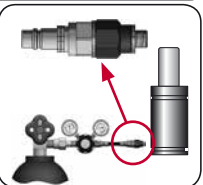
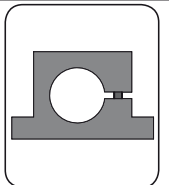
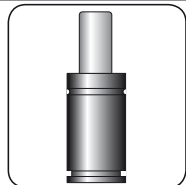
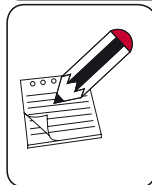
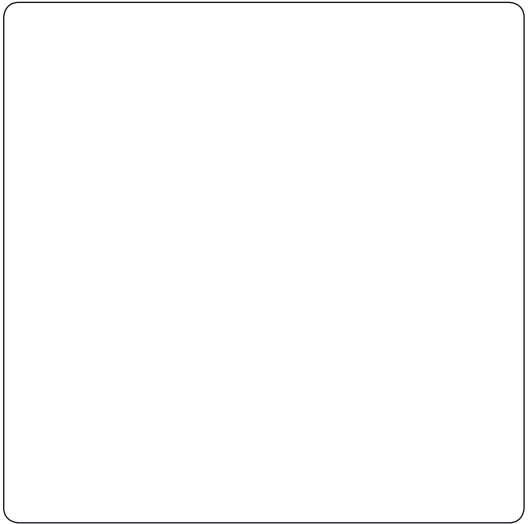
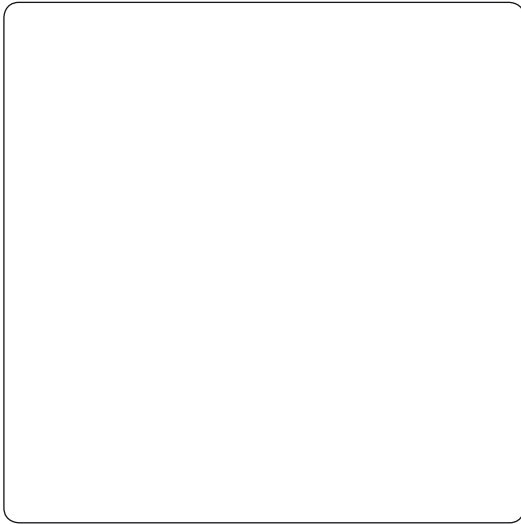
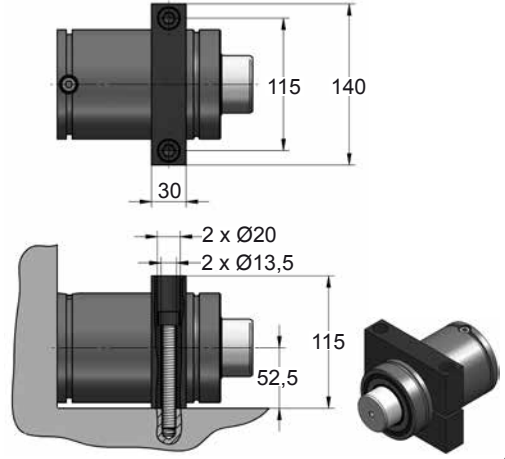
Low Profile

## D02-095

2 x Ø13,5



## D67-095



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





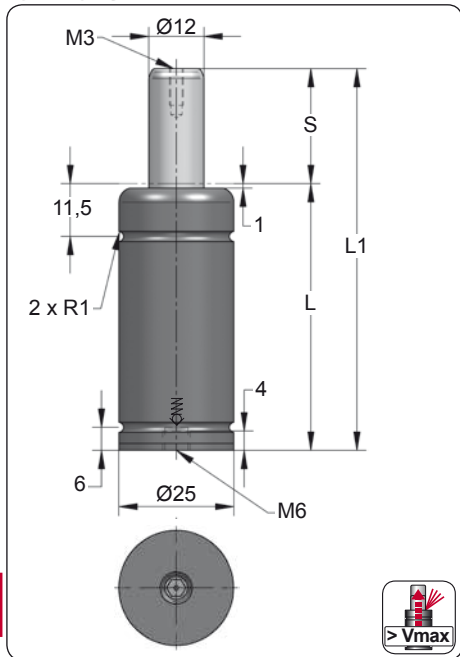
# CT LOW PROFILE SMALL

MODEL	F <sub>0</sub>	Ø	S	L1	Pmax	Charge Port		
CT 200 V1	200	Ø25	7 - 80	47 - 193	180	M6	✗	✗
CT 300 V1	300	Ø32	5 - 100	47 - 237	150	M6	✗	✗
CT 550 V1	550	Ø38	12 - 125	56 - 282	150	M6	✓	✓
CT 750	750	Ø50	12 - 125	62 - 288	160	M6	✓	✓
CTN 750	750	Ø50	10 - 125	68 - 298	160	G1/8"	✓	✓
CT 1000	1000	Ø50	10 - 125	58 - 288	160	M6	✓	✓
CTN 1000	1000	Ø50	10 - 125	68 - 298	160	G1/8"	✓	✓
CT 1500	1500	Ø63	12 - 125	76 - 302	150	M6	✓	✓
CTN 1500	1500	Ø63	12 - 125	86 - 312	150	G1/8"	✓	✓
CT 2500	2500	Ø75	12 - 200	78 - 454	150	M6	✓	✓
CTN 2500	2500	Ø75	12 - 200	88 - 464	150	G1/8"	✓	✓
CT 3000	3000	Ø75	12 - 200	78 - 454	150	M6	✓	✓
CTN 3000	3000	Ø75	12 - 200	88 - 464	150	G1/8"	✓	✓
CT 5000	5000	Ø105	12 - 200	84 - 460	150	M6	✓	✓
CTN 5000	5000	Ø105	12 - 200	94 - 470	150	G1/8"	✓	✓

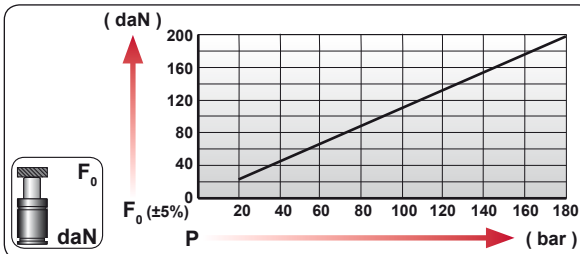
		50	50	50	50	50	50	50
	mm							
	mm	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50
	mm	L1=138 L1=152	L1=138	L1=138 L1=150 L1=150	L1=170 L1=185 L1=195	L1=195	L1=165 L1=175	L1=220
	daN	1000 1000	1000	1000 1000 750	750 1000 1000	750	1700 2000	1800
MODEL	✗	CW 1000 KZ 1000	AS 1000	CT 1000 CK 1000 FD 750	GN 750 CM 1000 CD 1000	AG 750	CPH 1700 CP 2000	CS 1800
SERIES	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE

# CT 200 V1

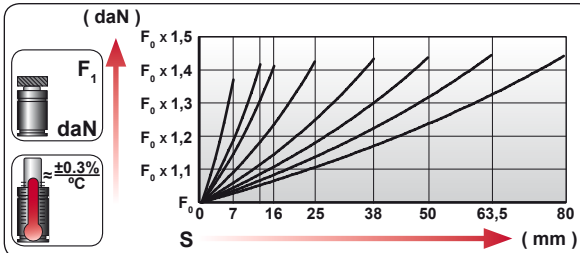
Low Profile



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



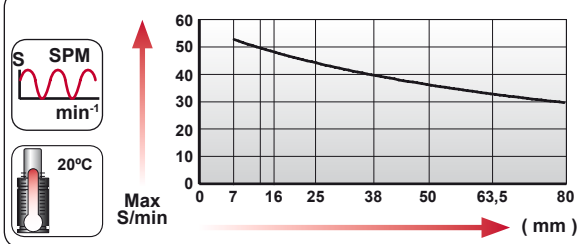
CODE	Pressure (bar)	Pressure (psi)	F <sub>0</sub> (daN)	F <sub>1</sub> (daN)
CT 200 050 V1	180	2610	200	295
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ENG ORDER  
 DEU BESTELLUNG  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO

F<sub>0</sub> daN  
 S mm

**CT 200 50**  
**CT 200 050 V1**



	S <sub>max</sub> < 100%	V	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	
--	-------------------------	---	-------------------------	-------------------------	------------------	------------------	--

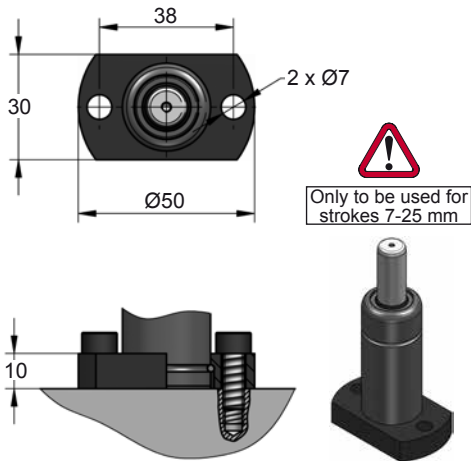
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	<b>X</b>
			20 290	180 2610	0 32	80 176	



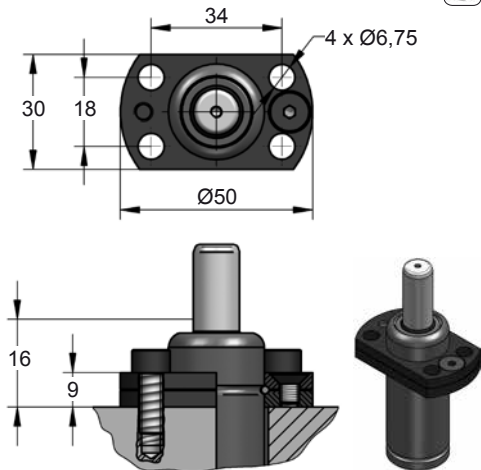
# CT 200 V1 MOUNTS

Low Profile

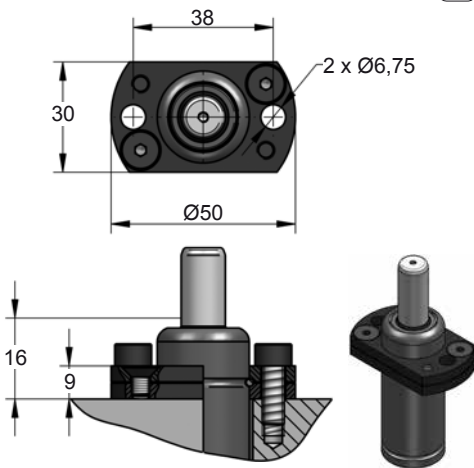
## A19-025



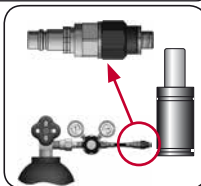
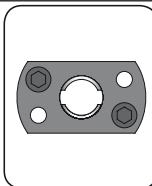
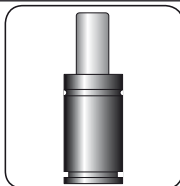
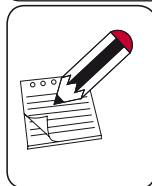
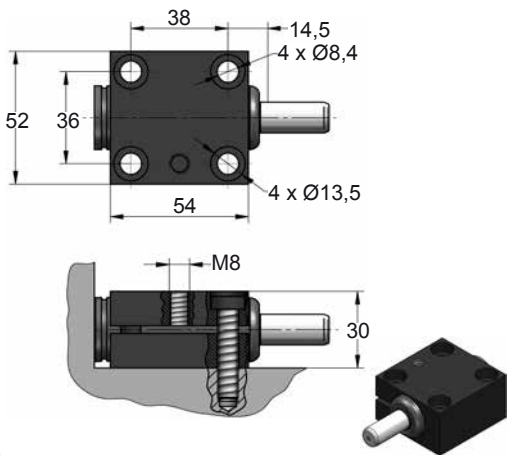
## A44-025



## A49-025



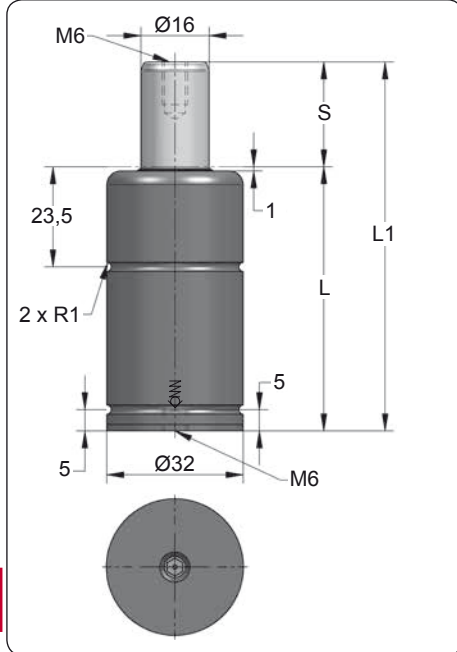
## D02-025



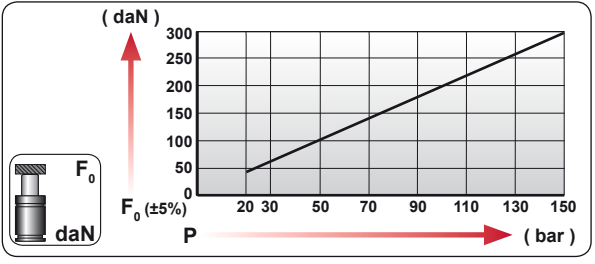
CODE	CT 200 050 V1	<b>X</b>	A19-025	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE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

# CT 300 V1

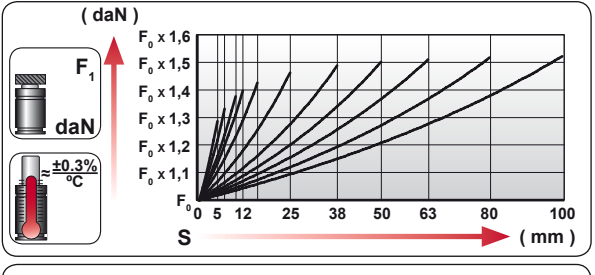
Low Profile



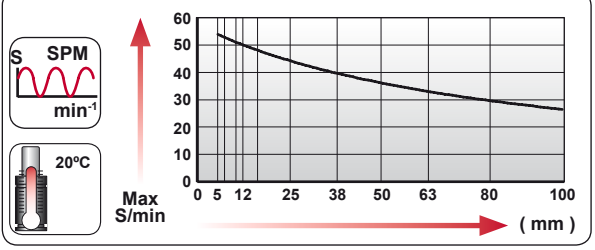
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CT 300 005 V1	5	47	42	0.21
CT 300 007 V1	7	51	44	0.22
CT 300 010 V1	10	57	47	0.23
CT 300 012 V1	12	61	49	0.24
CT 300 016 V1	16	69	53	0.25
CT 300 025 V1	25	87	62	0.28
CT 300 038 V1	38	113	75	0.35
CT 300 050 V1	50	137	87	0.37
CT 300 063 V1	63	163	100	0.43
CT 300 080 V1	80	197	117	0.49
CT 300 100 V1	100	237	137	0.57



CODE					
		bar	psi		
CT 300 050 V1		150	2175	300	495
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CT 300	50
		CT 300 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar	psi	bar	psi	°C	°F	°C	°F	
20	290	150	2175	0	32	80	176	

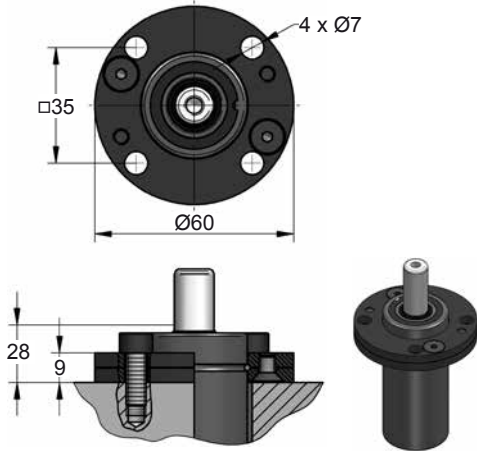




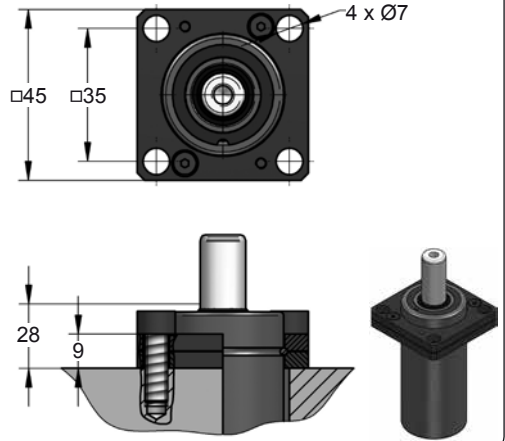
# CT 300 V1 MOUNTS

Low Profile

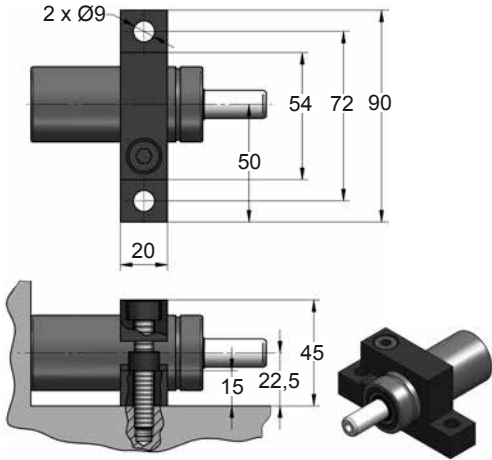
## A14-032



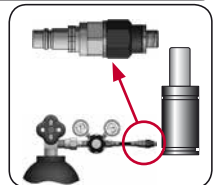
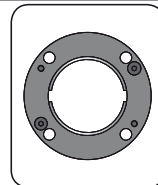
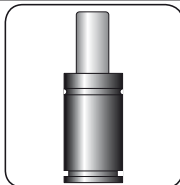
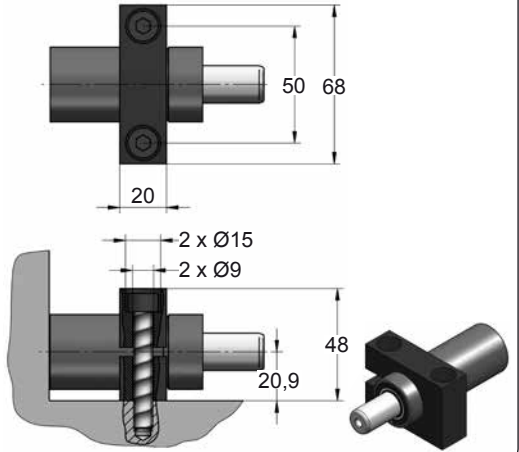
## A34-032



## D02-032



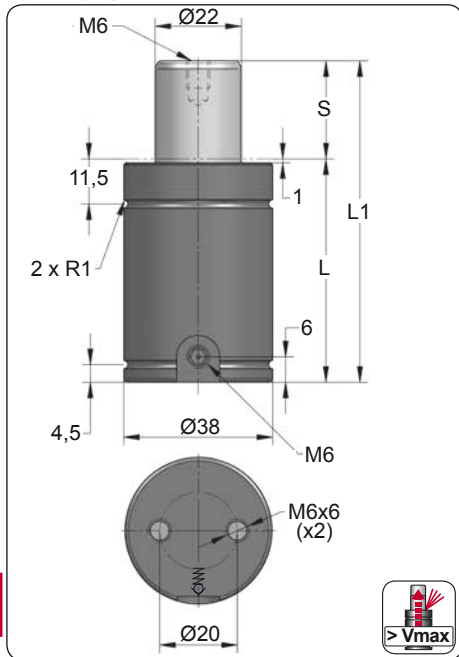
## D67-032



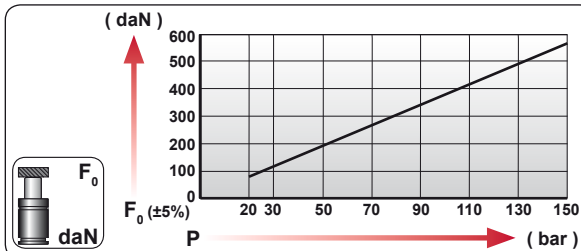
CODE	CT 300 050 V1	<b>X</b>	A14-032	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE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

# CT 550 V1

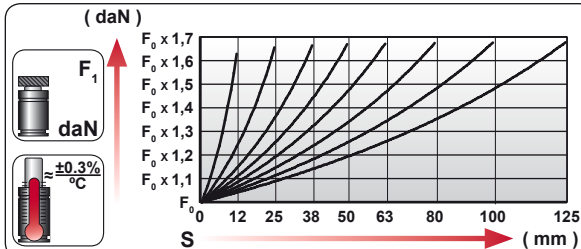
Low Profile



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	Pressure (bar)	Pressure (psi)	F <sub>0</sub> (daN)	F <sub>1</sub> (daN)
CT 550 050 V1	145	2105	550	955
CT-H 550 050 V1	0	0	---	---

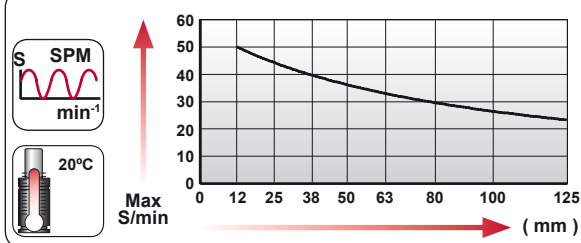


ENG ORDER  
 DEU BESTELLUNG  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO

F<sub>0</sub> (daN)      S (mm)

CT 550      50

**CT 550 050 V1**



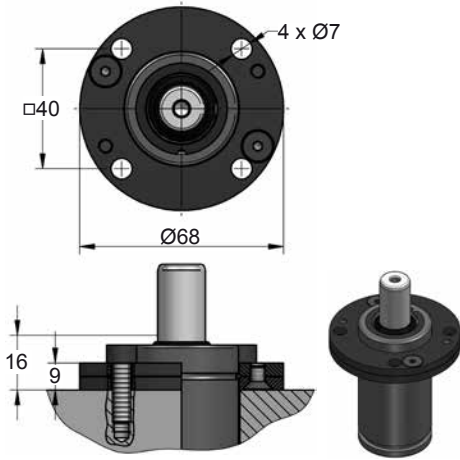
N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	



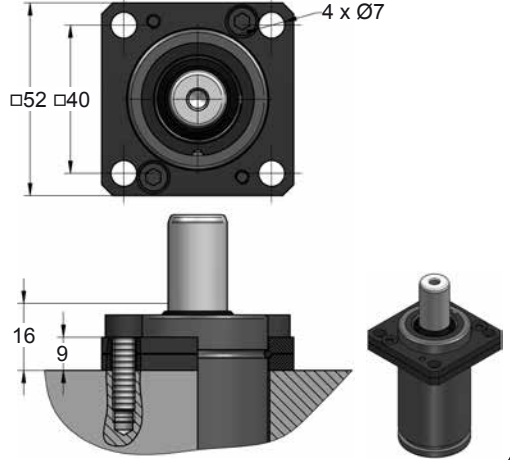
# CT 550 V1 MOUNTS

Low Profile

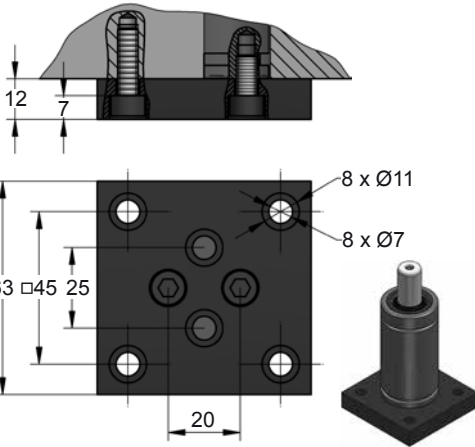
## A14-038



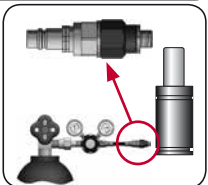
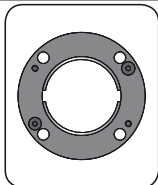
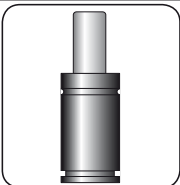
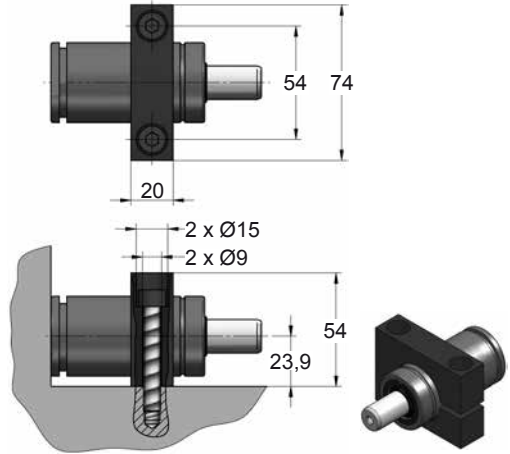
## A34-038



## B76-038



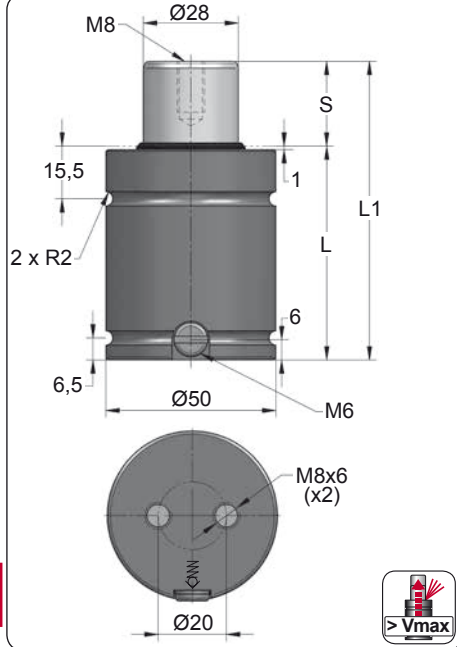
## D67-038



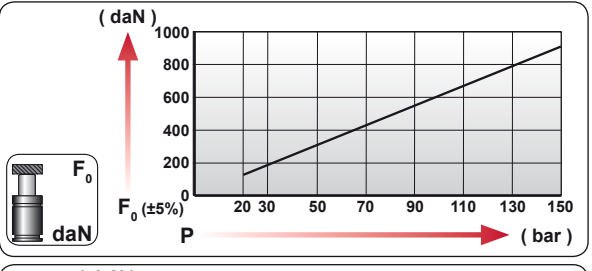
CODE	CT 550 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-038	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

# CT 750

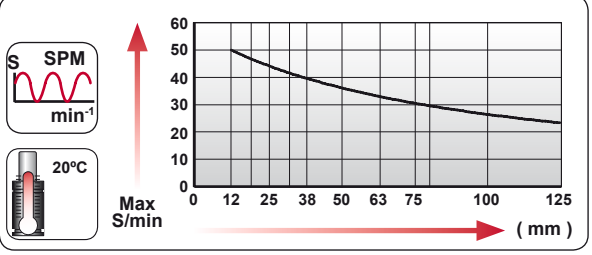
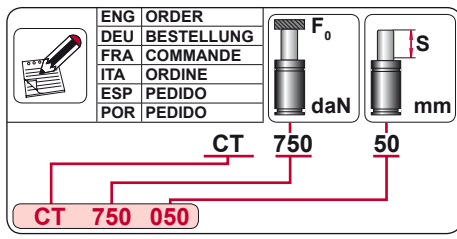
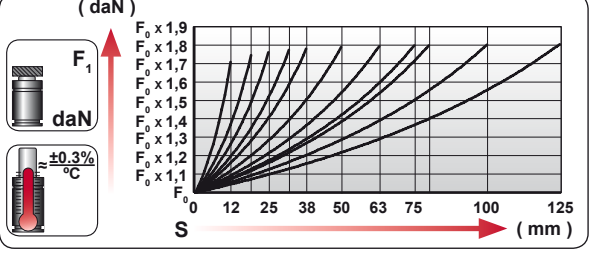
Low Profile



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CT 750 012	12	62	50	0.59
CT 750 019	19	76	57	0.65
CT 750 025	25	88	63	0.70
CT 750 032	32	102	70	0.76
CT 750 038	38	114	76	0.81
CT 750 050	50	138	88	0.91
CT 750 063	63	164	101	1.02
CT 750 075	75	188	113	1.12
CT 750 080	80	198	118	1.16
CT 750 100	100	238	138	1.33
CT 750 125	125	288	163	1.54



CODE				
	bar	psi	daN	daN
CT 750 050	120	1740	740	1325
CT-H 750 050	0	0	---	---



N<sub>2</sub>

S<sub>max</sub> < 90%

V<sub>max</sub> 1,6 m/s

P<sub>min</sub> (20°C)  
P<sub>max</sub> (20°C)

T<sub>min</sub>  
T<sub>max</sub>

600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	160	2320	0	32	80	176

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

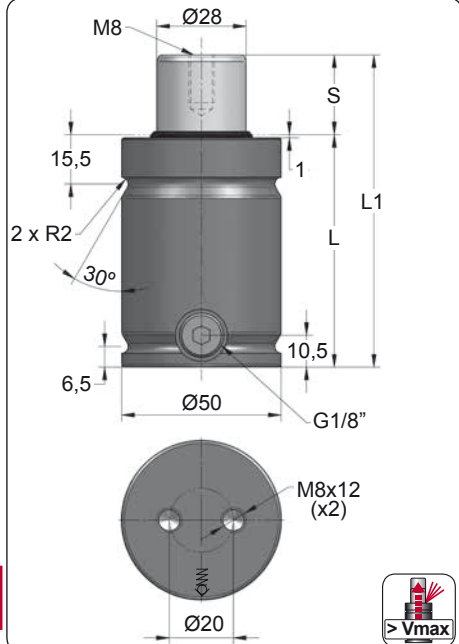
<b>CT</b>	<b>CTN</b>
<b>KRM6</b>	<b>DRM8</b>
<b>BK</b>	<b>TNRR</b>
	<b>9RM8</b>
	<b>7RM8</b>
	<b>SKK</b>
	<b>SGS</b>
	<b>MCRR</b>
	<b>TFRR</b>

		<b>SEAL KIT S-XXXXXXX</b>	<b>CARTRIDGE KIT C-XXXXXXX</b>		

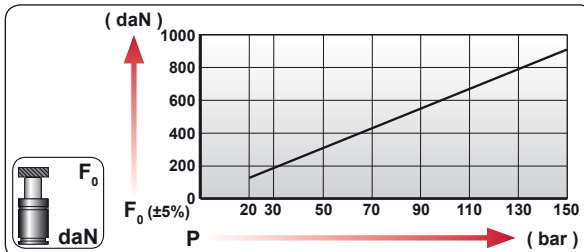
<b>CODE</b>	<b>CT 750 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-050</b>	<b>06 CG 2-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# CTN 750

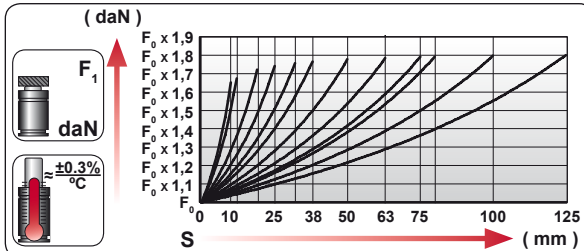
Low Profile



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CTN 750 010	10	68	58	0.71
CTN 750 012	12	72	60	0.73
CTN 750 019	19	86	67	0.79
CTN 750 025	25	98	73	0.84
CTN 750 032	32	112	80	0.90
CTN 750 038	38	124	86	0.95
CTN 750 050	50	148	98	1.05
CTN 750 063	63	174	111	1.16
CTN 750 075	75	198	123	1.26
CTN 750 080	80	208	128	1.30
CTN 750 100	100	248	148	1.47
CTN 750 125	125	298	173	1.68



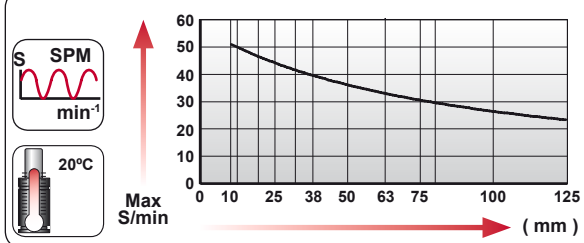
CODE		Pressure		Force	
		bar	psi	daN	daN
CTN 750 050		120	1740	740	1315
CTN-H 750 050		0	0	---	---



	ENG ORDER		F <sub>0</sub> daN		S mm
	DEU BESTELLUNG				
	FRA COMMANDE				
	ITA ORDINE				
	ESP PEDIDO				
POR PEDIDO					

CTN 750 50

CTN 750 050

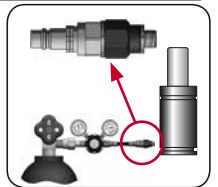
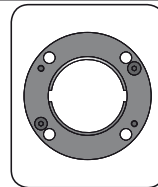
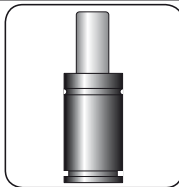


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N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	160 2320	0 32	80 176	

	<p><b>L1=148</b></p>	<p><b>L1=138</b></p>
	<p><b>MODEL</b></p>	<p><b>CTN 750</b></p>

<p><b>CT</b></p>	<p><b>CTN</b></p>
<p><b>KRM6</b></p>	<p><b>BK</b></p>
<p><b>DRM8</b></p>	<p><b>TNRR</b></p>
<p><b>9RM8</b></p>	<p><b>MCRR</b></p>
<p><b>7RM8</b></p>	<p><b>TFRR</b></p>
<p><b>SKK</b></p>	<p><b>SGS</b></p>



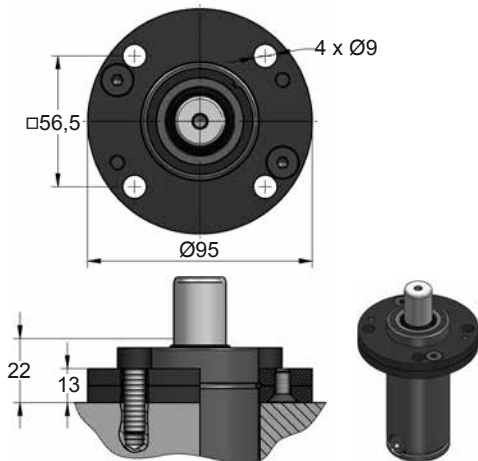
CODE	CTN 750 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-050	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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/CTN 750 MOUNTS

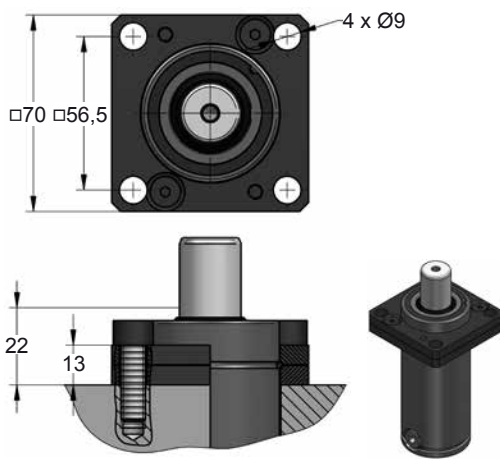
Low Profile

**AZOL**  
**GAS**

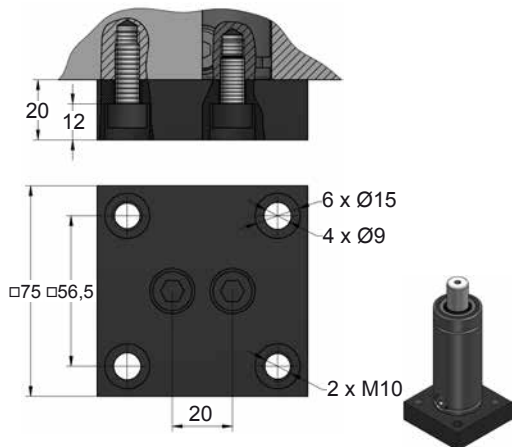
## A14-050



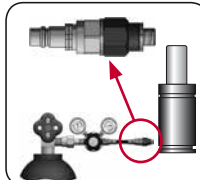
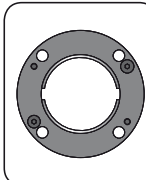
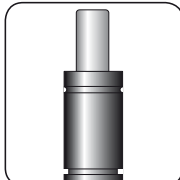
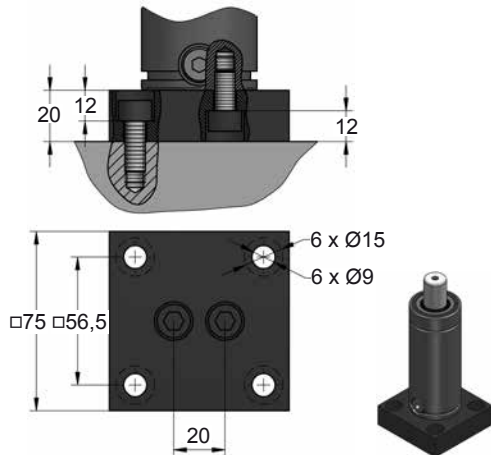
## A34-050



## B36-050



## B41-050



CODE	CT 750 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-050	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA



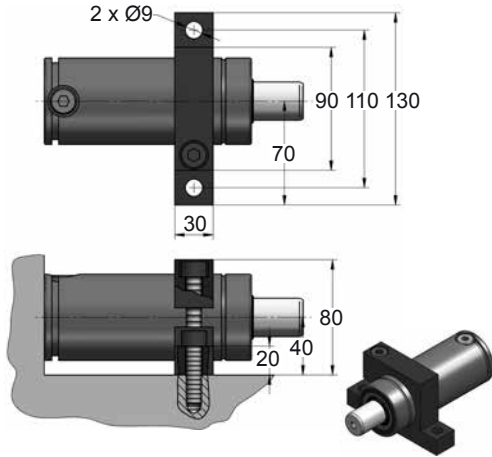


# CT/CTN 750 MOUNTS

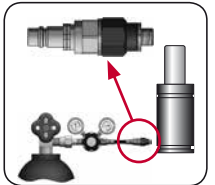
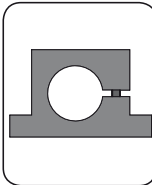
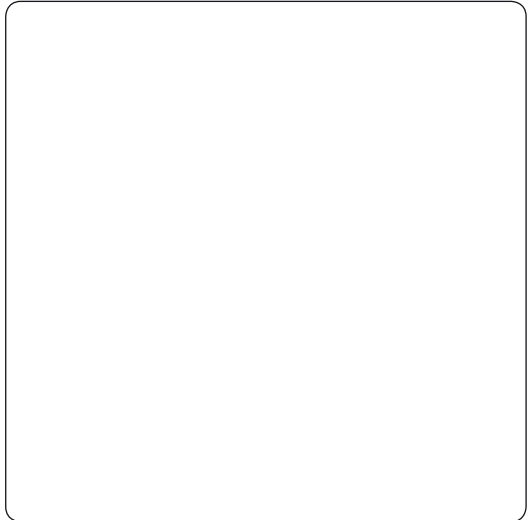
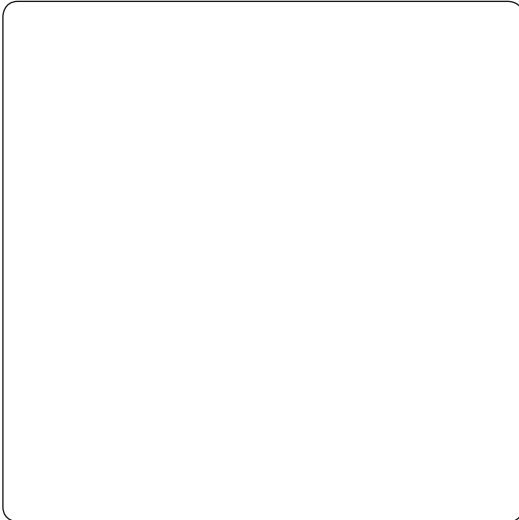
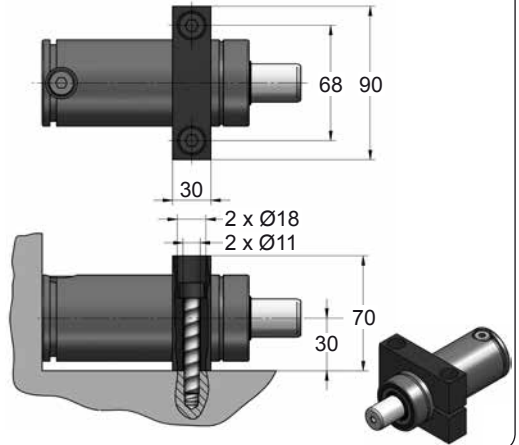
Low Profile



## D02-050



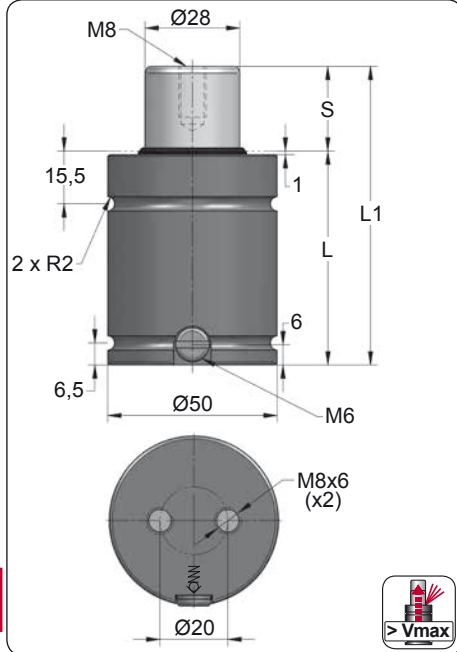
## D67-050



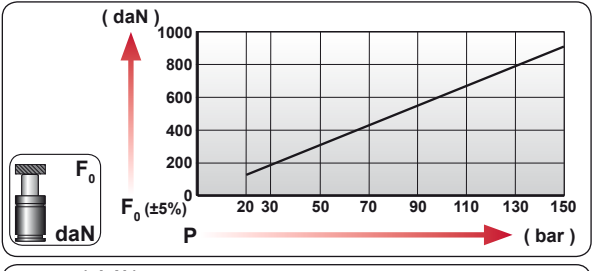
CODE	CT 750 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-050	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

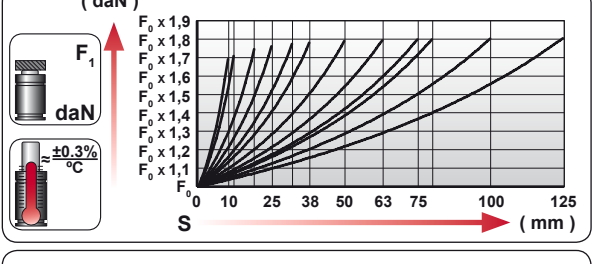
Low Profile



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



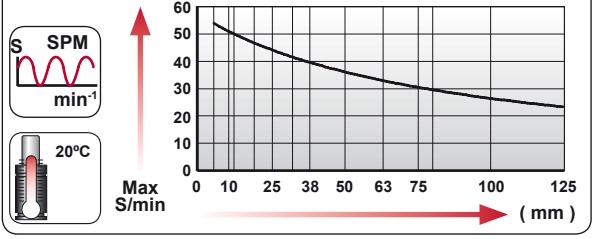
CODE				
		bar psi	daN	daN
CT 1000 050		160 2320	985	1760
CT-H 1000 050		0 0	---	---



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

$F_0$  daN  
 S mm

**CT 1000 50**



**N<sub>2</sub>**

**S<sub>max</sub> < 90%**

**V<sub>max</sub> 1,6 m/s**

**P<sub>min</sub> (20°C)**  
**P<sub>max</sub> (20°C)**

**T<sub>min</sub>**  
**T<sub>max</sub>**

**600 CP-**

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	160 2320	0 32	80 176	

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

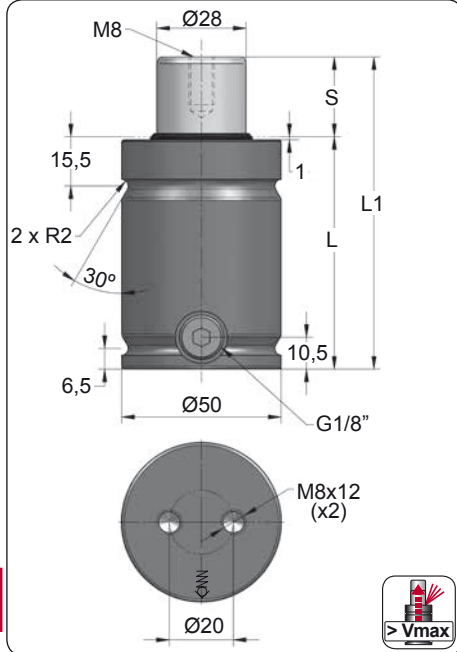
<b>CT</b>	<b>CTN</b>

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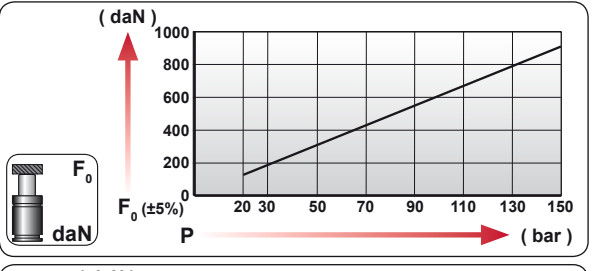
<b>CODE</b>	<b>CT 1000 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-050</b>	<b>06 CG 2-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE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

# CTN 1000

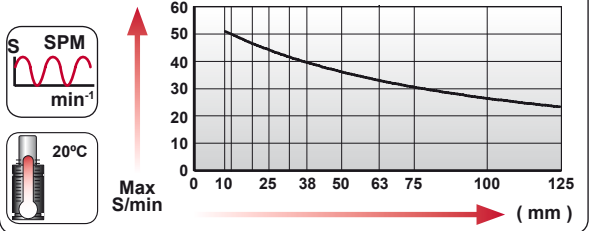
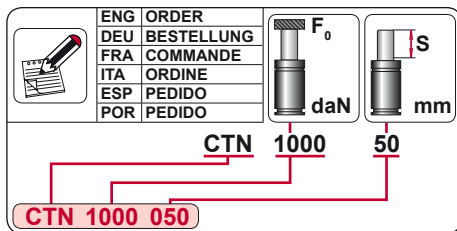
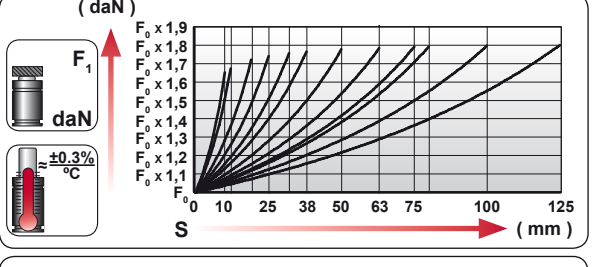
Low Profile



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CTN 1000 010	10	68	58	0.71
CTN 1000 012	12	72	60	0.73
CTN 1000 019	19	86	67	0.79
CTN 1000 025	25	98	73	0.84
CTN 1000 032	32	112	80	0.90
CTN 1000 038	38	124	86	0.95
CTN 1000 050	50	148	98	1.05
CTN 1000 063	63	174	111	1.16
CTN 1000 075	75	198	123	1.26
CTN 1000 080	80	208	128	1.30
CTN 1000 100	100	248	148	1.47
CTN 1000 125	125	298	173	1.68



CODE					
		bar	psi		
CTN 1000 050		160	2320	985	1750
CTN-H 1000 050		0	0	---	---



N<sub>2</sub>

S<sub>max</sub> < 90%

V<sub>max</sub> 1,6 m/s

P<sub>min</sub> (20°C)



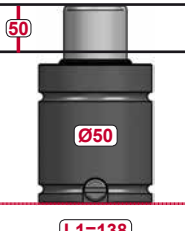
P<sub>max</sub> (20°C)

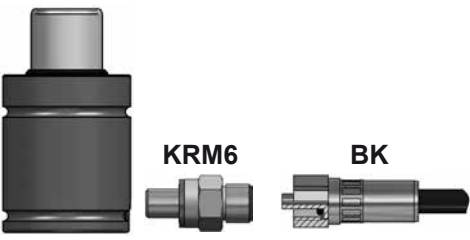
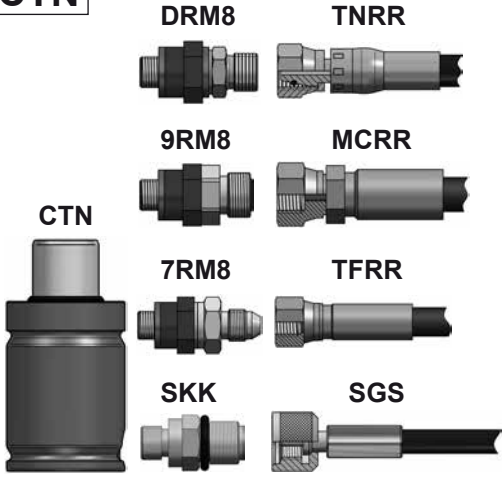
T<sub>min</sub>


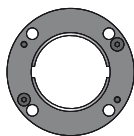
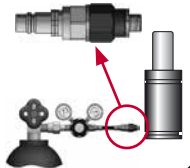
T<sub>max</sub>

600 CP-

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	160 2320	0 32	80 176	

		
<p>MODEL</p>	<p>CTN 1000</p>	<p>CT 1000</p>

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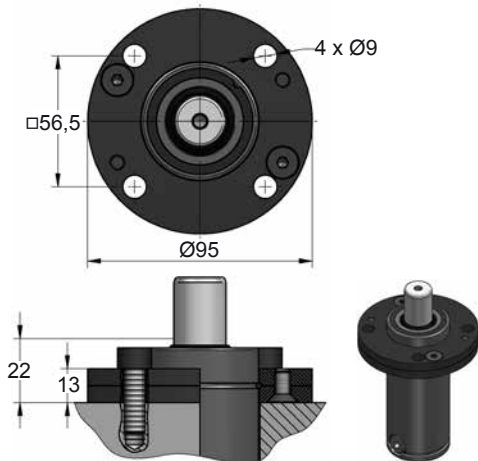
<p><b>CODE</b></p>	<p><b>CTN 1000 050</b></p>	<p><b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b></p>	<p><b>A14-050</b></p>	<p><b>18 CG 1-Q</b></p>
<p>ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO</p>	<p>GAS SPRING GASDRUCKFEDER RESSORT À GAZ CILINDRO AD AZOTO RESORTE DE GAS CILINDRO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

# CT/CTN 1000 MOUNTS

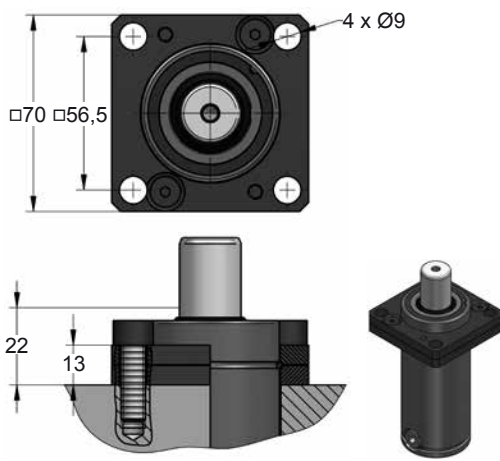
Low Profile

**AZOL**  
GAS

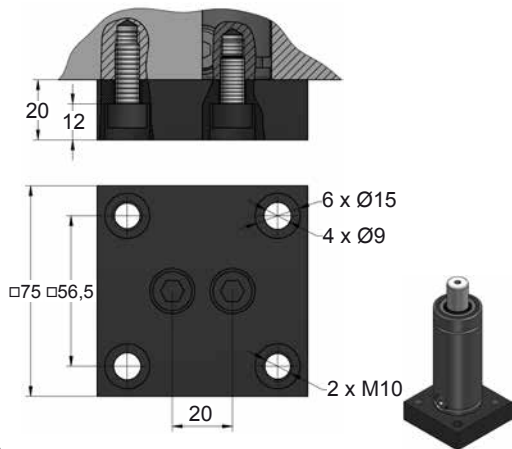
## A14-050



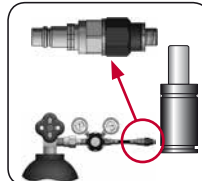
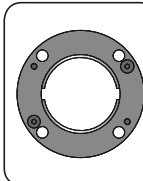
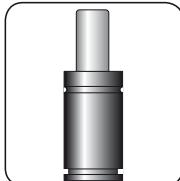
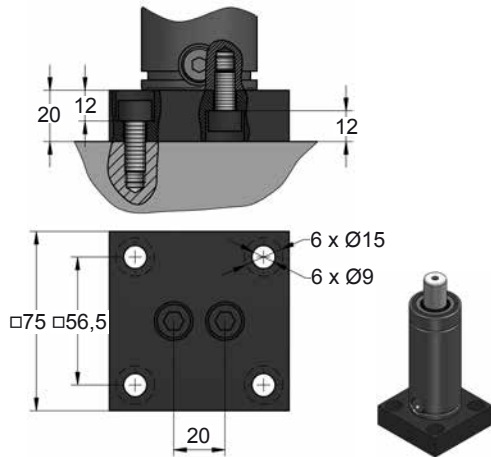
## A34-050



## B36-050



## B41-050

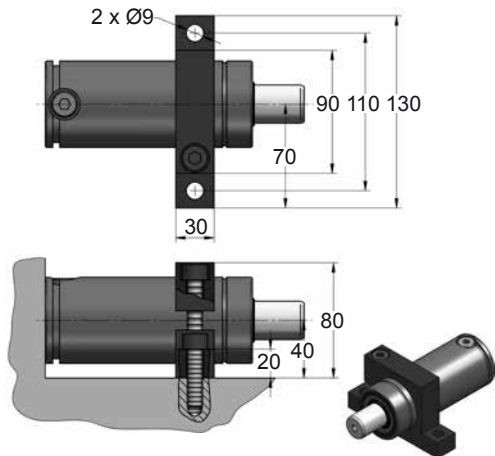


CODE	CT 1000 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-050	06 CG 2-Q
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION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

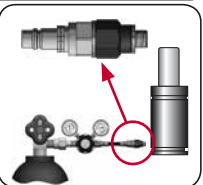
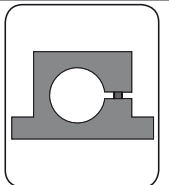
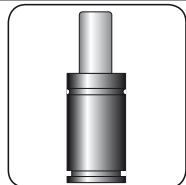
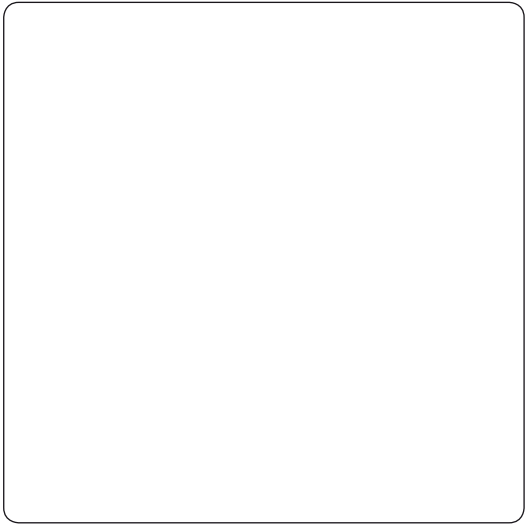
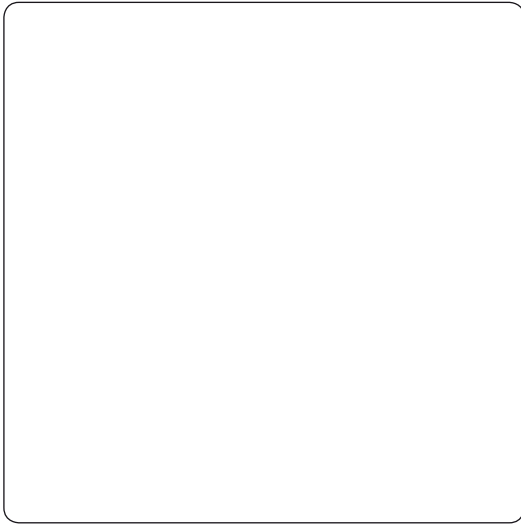
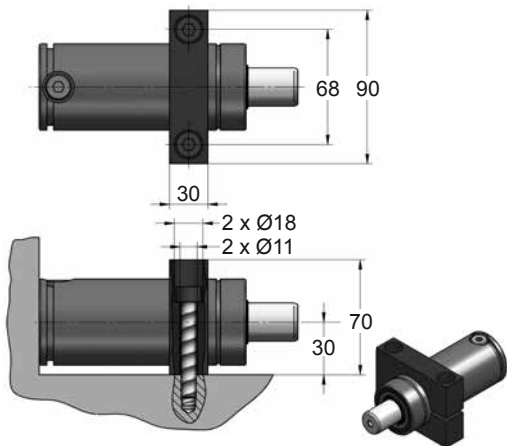
# CT/CTN 1000 MOUNTS

Low Profile

## D02-050



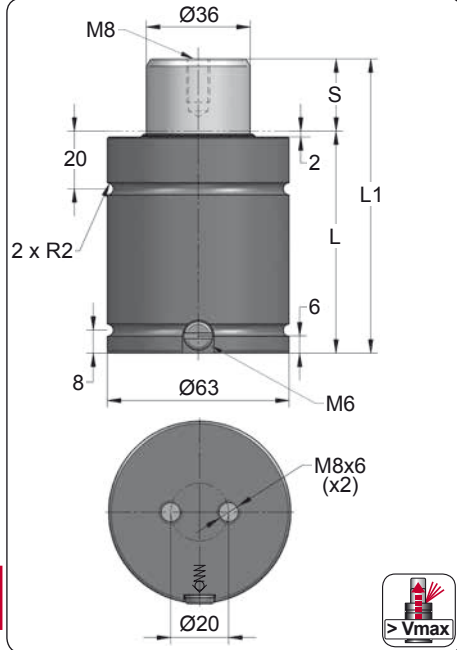
## D67-050



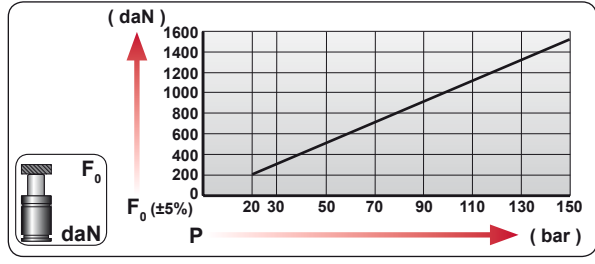
CODE	CT 1000 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-050	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

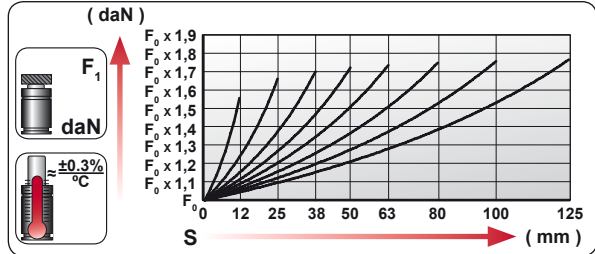
Low Profile



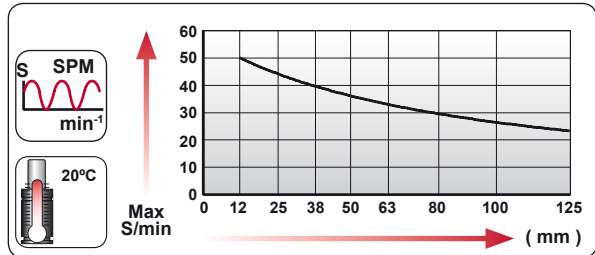
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CT 1500 012	12	76	64	1.16
CT 1500 025	25	102	77	1.32
CT 1500 038	38	128	90	1.49
CT 1500 050	50	152	102	1.64
CT 1500 063	63	178	115	1.81
CT 1500 080	80	212	132	2.03
CT 1500 100	100	252	152	2.29
CT 1500 125	125	302	177	2.61



CODE					
		bar	psi		
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		
		daN	mm
		1500	50
		CT 1500 050	






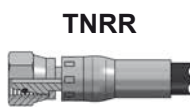








N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176



								
								
	 	 	 	 				
<b>MODEL</b>	✗ CW 1500 KZ 1500	✗	CT 1500 CK 1500	CM 1500 CD 1500	✗	CPH 2800 CP 3000	CS 3000	
<b>SERIES</b>	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

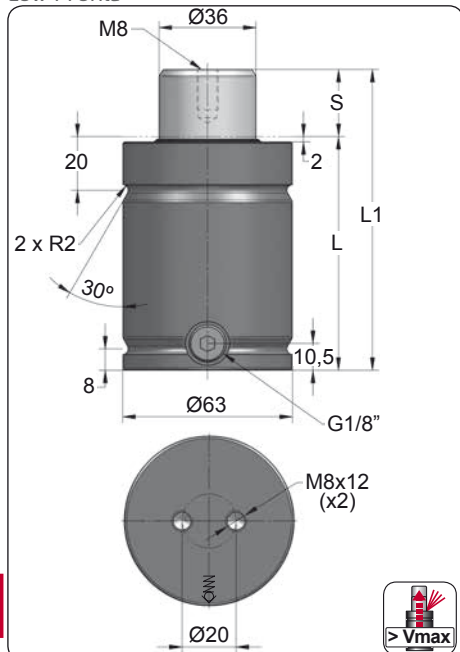
<p><b>CT</b></p>  <p><b>CT</b></p>  	<p><b>CTN</b></p>  <p><b>CTN</b></p>        
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		 <b>SEAL KIT S-XXXXXXX</b>	 <b>CARTRIDGE KIT C-XXXXXXX</b>		
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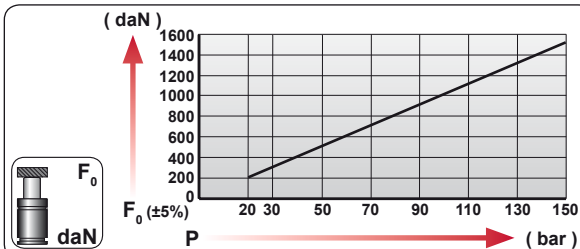
<b>CODE</b>	<b>CT 1500 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-063</b>	<b>06 CG 2-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE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

# CTN 1500

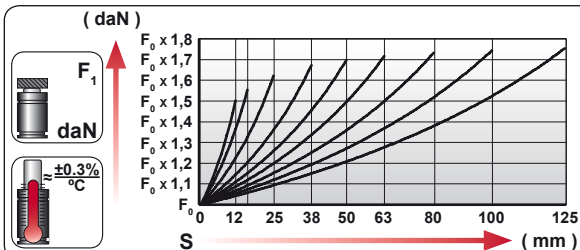
Low Profile



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CTN 1500 012	12	86	74	1.37
CTN 1500 016	16	94	78	1.41
CTN 1500 025	25	112	87	1.53
CTN 1500 038	38	138	100	1.70
CTN 1500 050	50	162	112	1.85
CTN 1500 063	63	188	125	2.02
CTN 1500 080	80	222	142	2.24
CTN 1500 100	100	262	162	2.50
CTN 1500 125	125	312	187	2.82



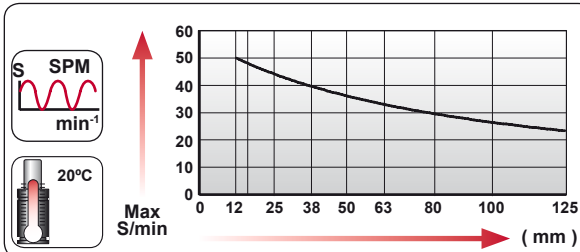
CODE				
		bar psi	daN	daN
CTN 1500 050		150 2175	1530	2600
CTN-H 1500 050		0 0	---	---



	ENG ORDER		
	DEU BESTELLUNG	daN	mm
	FRA COMMANDE		
	ITA ORDINE		
	ESP PEDIDO		
POR PEDIDO			

CTN 1500 50

CTN 1500 050

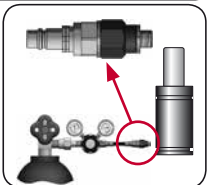
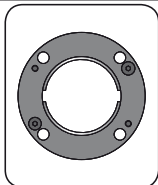
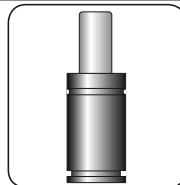


N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176

	MODEL	CTN 1500

<p><b>CT</b></p>	<p><b>CTN</b></p>
<p><b>CT</b></p>	<p><b>CTN</b></p>
<p><b>BK</b></p>	<p><b>DRM8</b></p>
	<p><b>9RM8</b></p>
	<p><b>7RM8</b></p>
	<p><b>TNRR</b></p>
	<p><b>MCRR</b></p>
	<p><b>TFRR</b></p>
	<p><b>SGS</b></p>



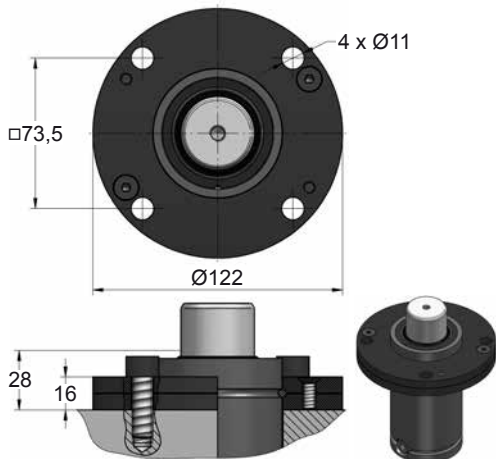
<b>CODE</b>	<b>CTN 1500 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-063</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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/CTN 1500 MOUNTS

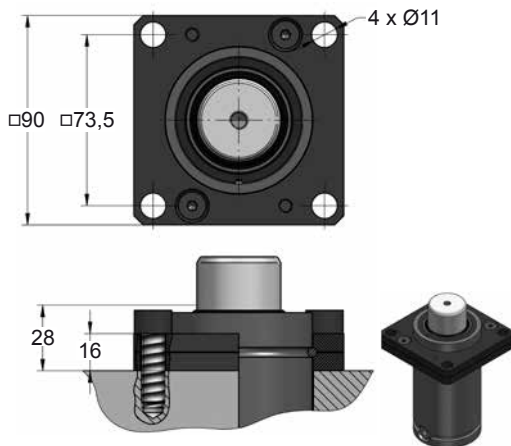


Low Profile

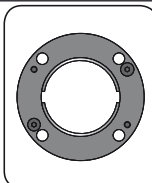
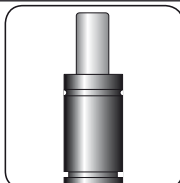
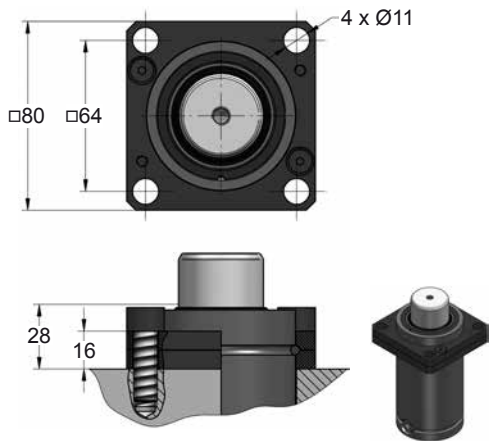
## A14-063



## A39-063



## A69-063

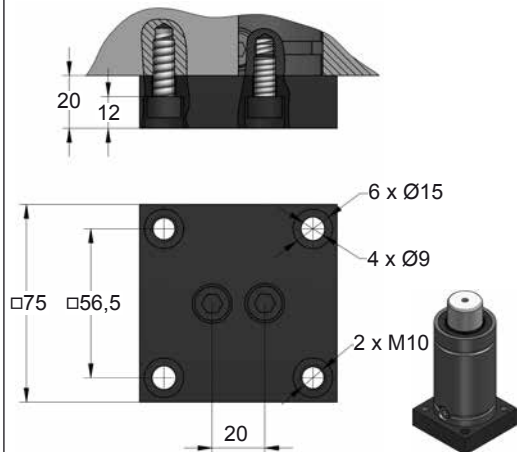


CODE	CT 1500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-063	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

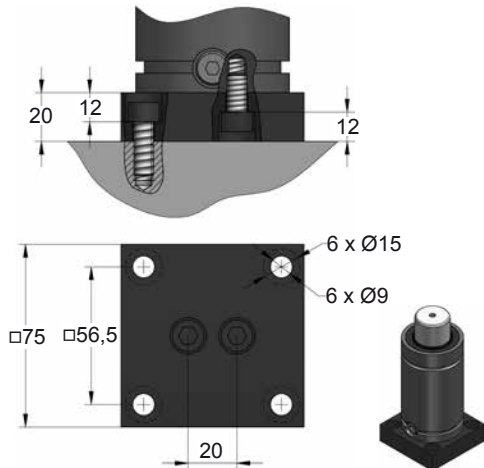
# CT/CTN 1500 MOUNTS

Low Profile

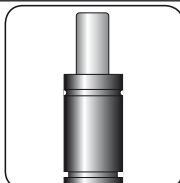
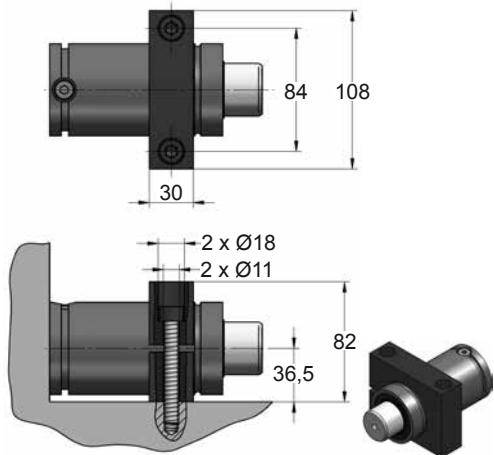
## B36-063



## B41-063



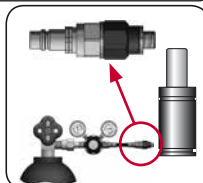
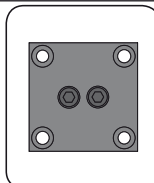
## D67-063



SEAL  
KIT S-XXXXXXX



CARTRIDGE  
KIT C-XXXXXXX

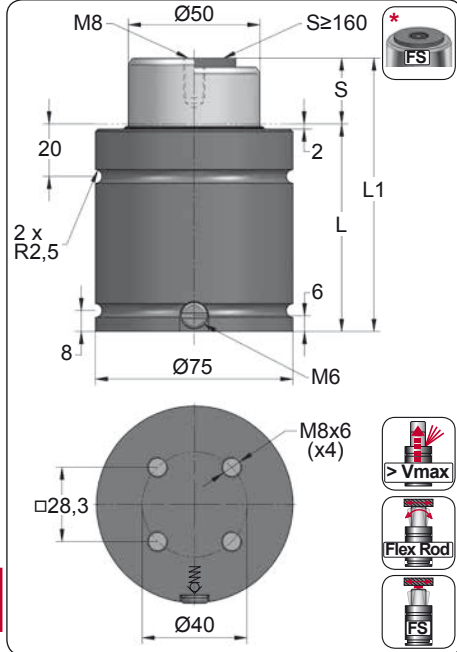


CODE	CT 1500 050	KIT S-XXXXXXX KIT C-XXXXXXX	B36-063	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

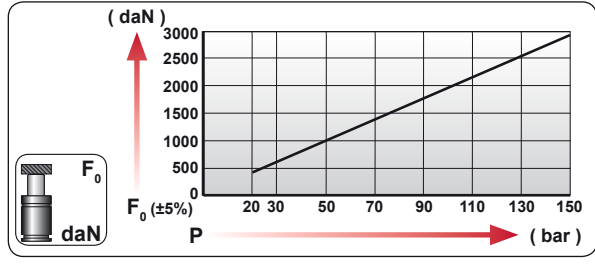
# CT 2500

Low Profile

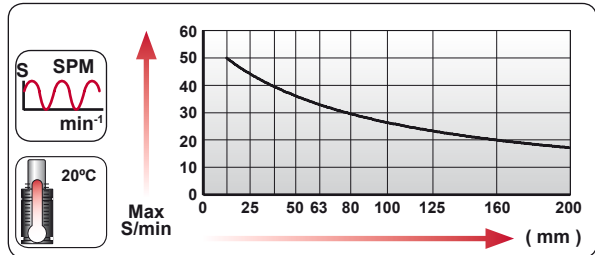
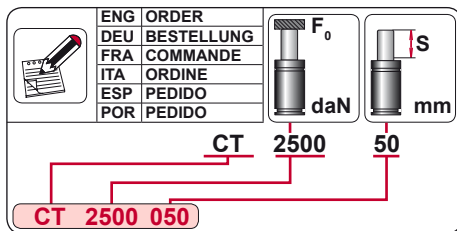
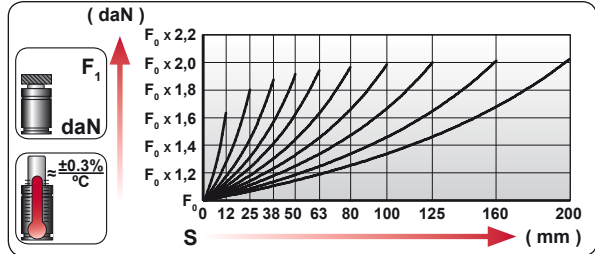


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CT 2500 012	12	78	66	1.69
CT 2500 025	25	104	79	1.93
CT 2500 038	38	130	92	2.17
CT 2500 050	50	154	104	2.39
CT 2500 063	63	180	117	2.64
CT 2500 080	80	214	134	2.95
CT 2500 100	100	254	154	3.32
CT 2500 125	125	304	179	3.78
CT 2500 160 *	160	374	214	4.43
CT 2500 200 *	200	454	254	5.17



CODE	Pressure (bar)	Pressure (psi)	Force (F0) daN	Force (F1) daN
CT 2500 050	130	1885	2550	4885
CT-H 2500 050	0	0	---	---



N<sub>2</sub>

S<sub>max</sub> < 90%

V<sub>max</sub> 1,6 m/s

P<sub>min</sub> (20°C)  
P<sub>max</sub> (20°C)

T<sub>min</sub>  
T<sub>max</sub>

600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176

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

<b>CT</b>	<b>CTN</b>

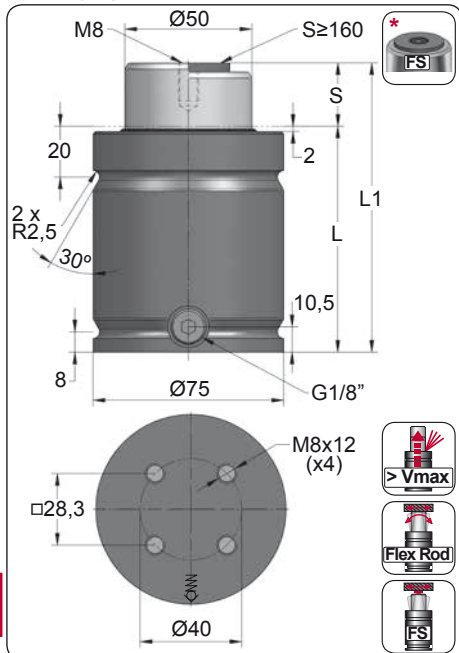
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<b>CODE</b>	<b>CT 2500 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-075</b>	<b>06 CG 2-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

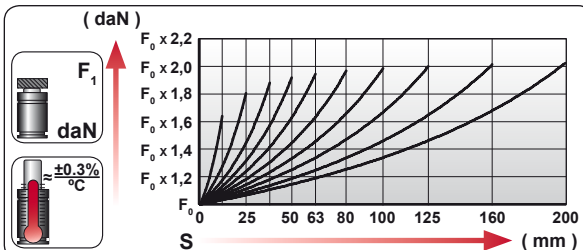
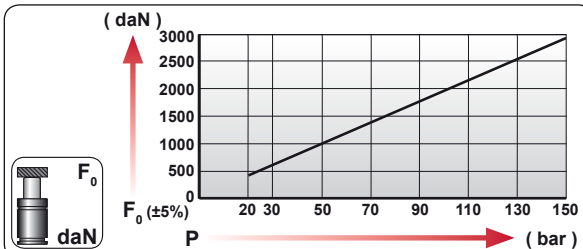
# CTN 2500

Low Profile



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CTN 2500 012	12	88	76	2.02
CTN 2500 025	25	114	89	2.26
CTN 2500 038	38	140	102	2.50
CTN 2500 050	50	164	114	2.72
CTN 2500 063	63	190	127	2.96
CTN 2500 080	80	224	144	3.28
CTN 2500 100	100	264	164	3.65
CTN 2500 125	125	314	189	4.11
CTN 2500 160 *	160	384	224	4.76
CTN 2500 200 *	200	464	264	5.50

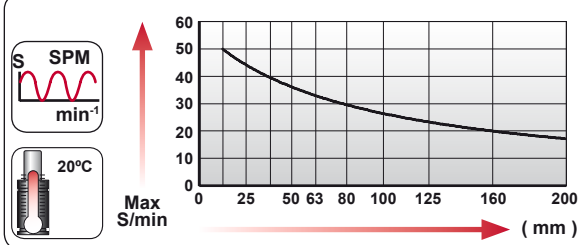


CODE	Pressure (bar)	Pressure (psi)	F <sub>0</sub> (daN)	F <sub>1</sub> (daN)
CTN 2500 050	130	1885	2550	4890
CTN-H 2500 050	0	0	---	---

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

F<sub>0</sub> daN  
 S mm




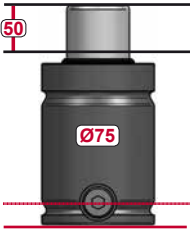
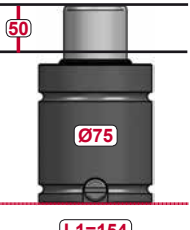
**CTN 2500 50**  
**CTN 2500 050**















	S <sub>max</sub> 100%	v	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	
--	-----------------------	---	-------------------------	-------------------------	------------------	------------------	--

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	



  	 <p><b>L1=164</b></p> <p><b>Ø75</b></p>	 <p><b>L1=154</b></p> <p><b>Ø75</b></p>
<b>MODEL</b>	<b>CTN 2500</b>	<b>CT 2500</b>

<p><b>CT</b></p>  <p><b>CT</b></p>  	<p><b>CTN</b></p>  <p><b>CTN</b></p>        
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		 <p><b>SEAL KIT S-XXXXXXX</b></p>	 <p><b>CARTRIDGE KIT C-XXXXXXX</b></p>		
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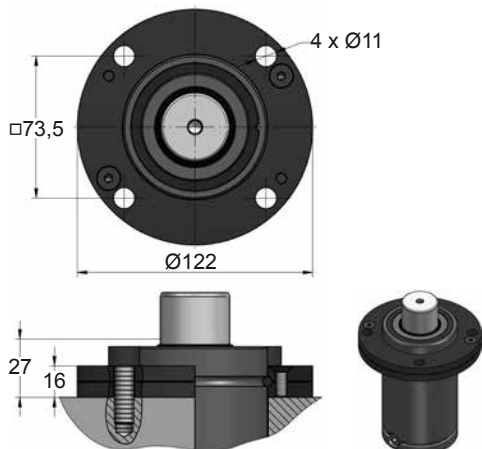
<b>CODE</b>	<b>CTN 2500 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-075</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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/CTN 2500 MOUNTS

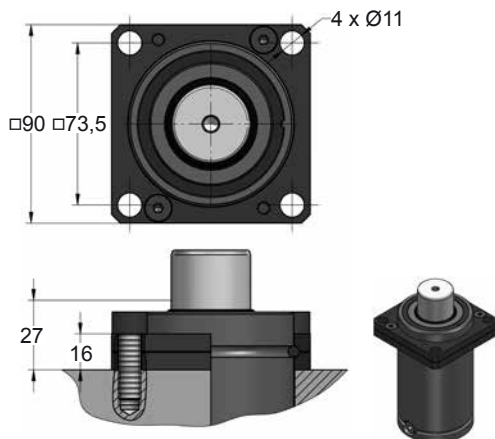
**AZOL**  
**GAS**

Low Profile

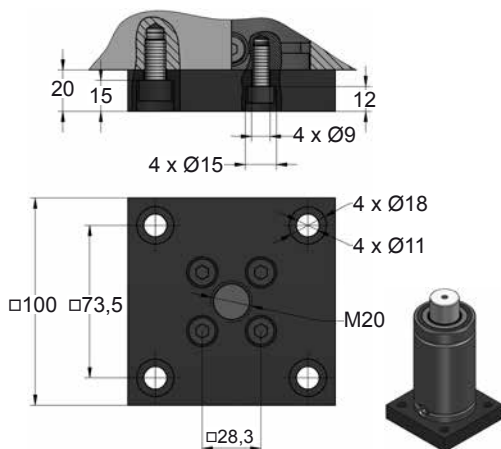
## A14-075



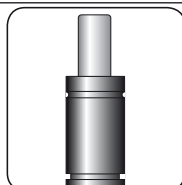
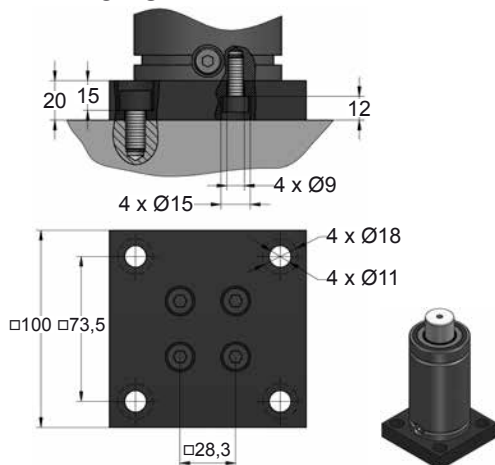
## A34-075



## B36-075



## B41-075

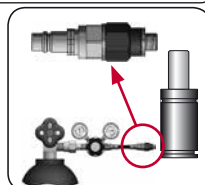
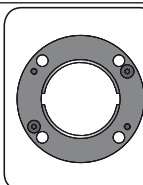


SEAL

KIT S-XXXXXXX

CARTRIDGE

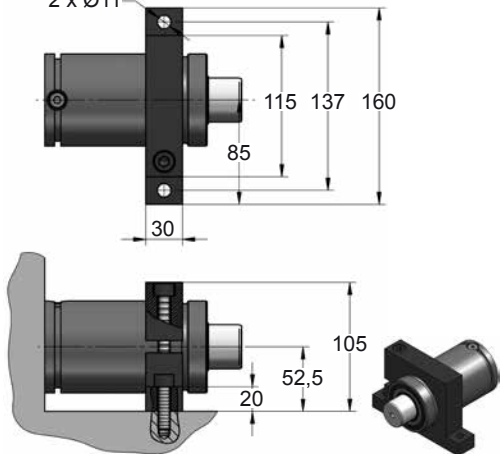
KIT C-XXXXXXX



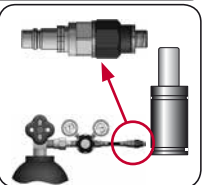
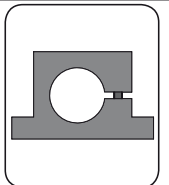
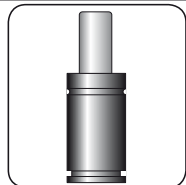
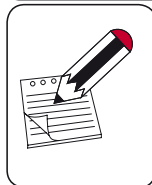
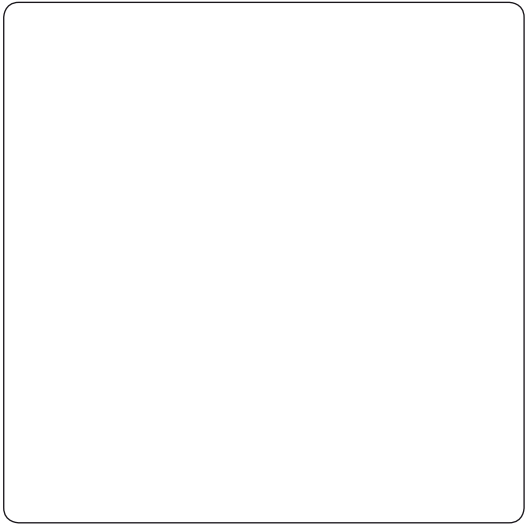
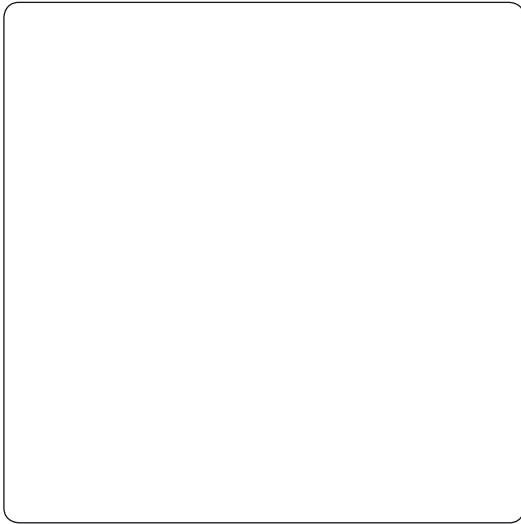
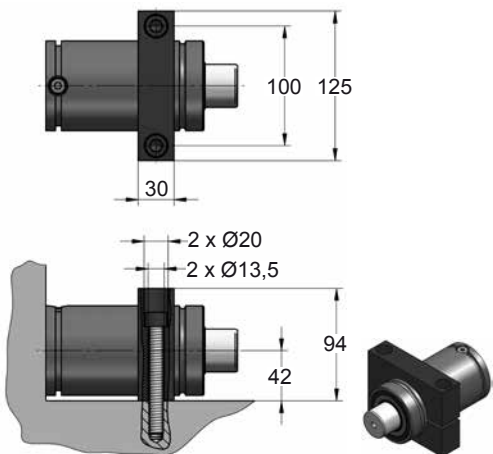
CODE	CT 2500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-075	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

## D02-075

2 x Ø11



## D67-075

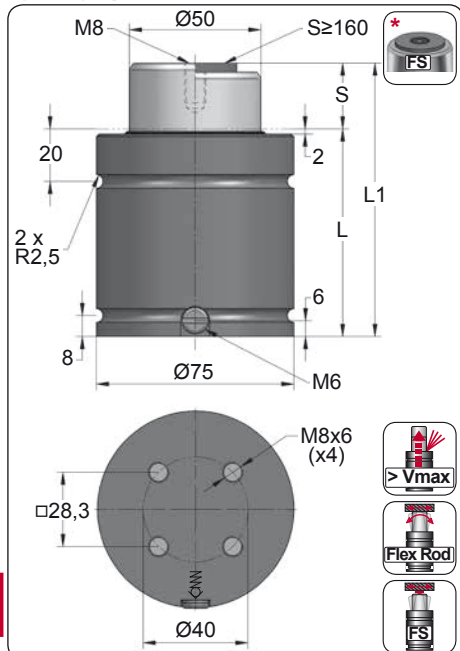


CODE	CT 2500 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-075	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

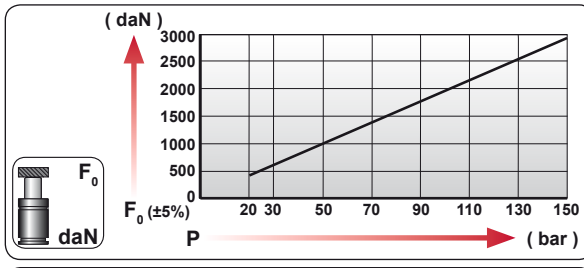
# CT 3000

Low Profile

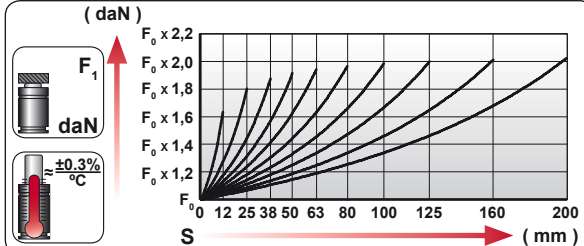


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CT 3000 012	12	78	66	2.02
CT 3000 025	25	104	79	2.26
CT 3000 038	38	130	92	2.50
CT 3000 050	50	154	104	2.72
CT 3000 063	63	180	117	2.96
CT 3000 080	80	214	134	3.28
CT 3000 100	100	254	154	3.65
CT 3000 125	125	304	179	4.11
CT 3000 160 *	160	374	214	4.76
CT 3000 200 *	200	454	254	5.50



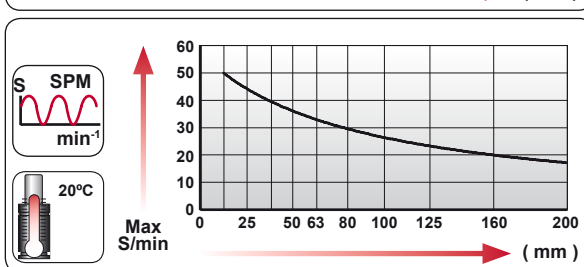
CODE				
		bar psi	daN	daN
CT 3000 050		150 2175	2945	5640
CT-H 3000 050		0 0	---	---



	ENG ORDER		
	DEU BESTELLUNG	daN	mm
	FRA COMMANDE		
	ITA ORDINE		
	ESP PEDIDO		
POR PEDIDO			

CT 3000 50

CT 3000 050



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176

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

<b>CT</b>	<b>CTN</b>

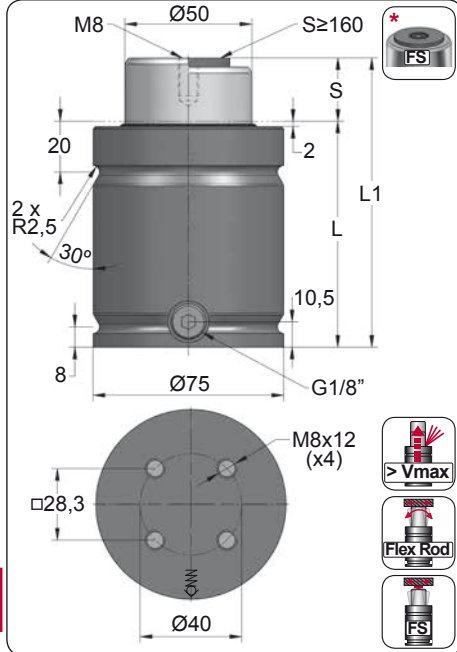
		<b>SEAL KIT S-XXXXXXX</b>	<b>CARTRIDGE KIT C-XXXXXXX</b>		

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

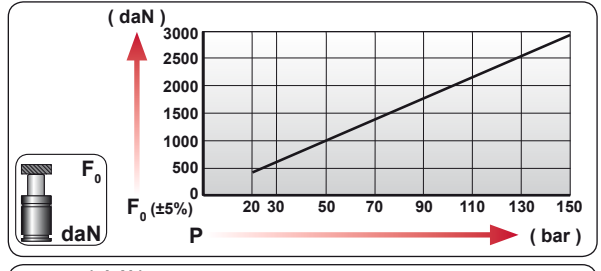
# CTN 3000

Low Profile

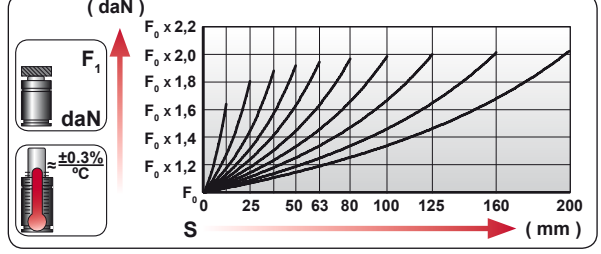


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CTN 3000 012	12	88	76	2.02
CTN 3000 025	25	114	89	2.26
CTN 3000 038	38	140	102	2.50
CTN 3000 050	50	164	114	2.72
CTN 3000 063	63	190	127	2.96
CTN 3000 080	80	224	144	3.28
CTN 3000 100	100	264	164	3.65
CTN 3000 125	125	314	189	4.11
CTN 3000 160 *	160	384	224	4.76
CTN 3000 200 *	200	464	264	5.50



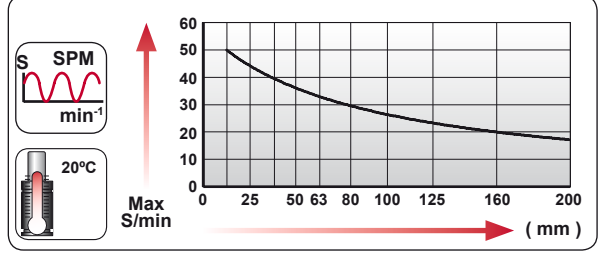
CODE		bar	psi	F <sub>0</sub> daN	F <sub>1</sub> daN
CTN 3000 050		150	2175	2945	5645
CTN-H 3000 050		0	0	---	---



	ENG ORDER		F <sub>0</sub> daN		S mm
	DEU BESTELLUNG				
	FRA COMMANDE				
	ITA ORDINE				
	ESP PEDIDO				
POR PEDIDO					

**CTN 3000 50**

**CTN 3000 050**

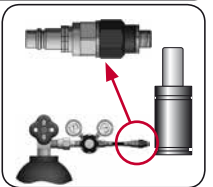
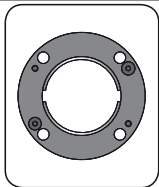
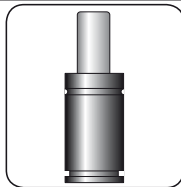


N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	Pmin (20°C) / Pmax (20°C)	Tmin / Tmax	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F	
20	290	150	2175	0	32	80	176	

	MODEL	CTN 3000

<p><b>CT</b></p>	<p><b>CTN</b></p>
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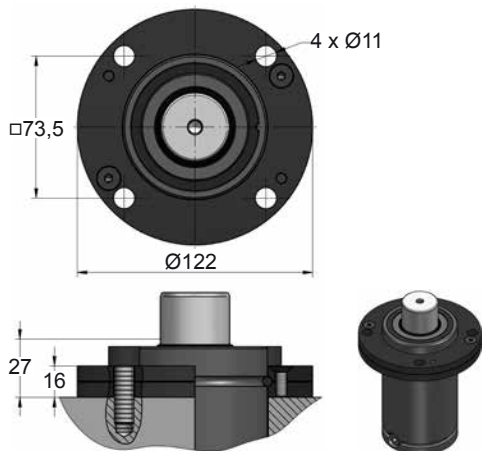
CODE	CTN 3000 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-075	18 CG 1-Q
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	FLANGE	ADAPTADOR DE CARGA

# CT/CTN 3000 MOUNTS

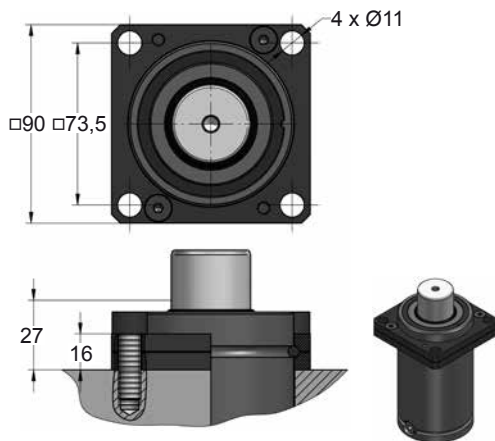
**AZOL**  
**GAS**

Low Profile

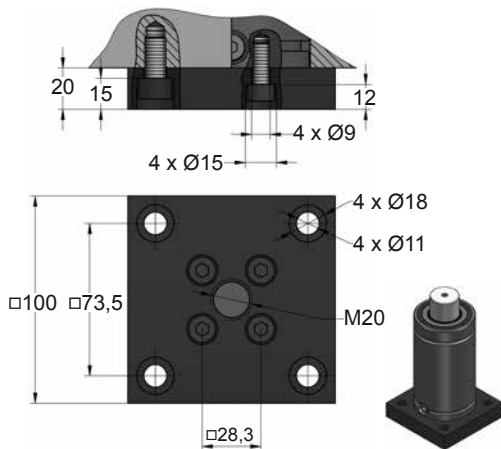
## A14-075



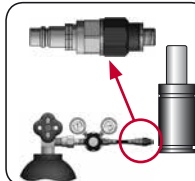
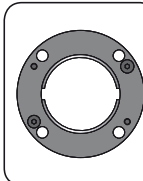
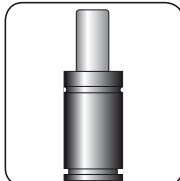
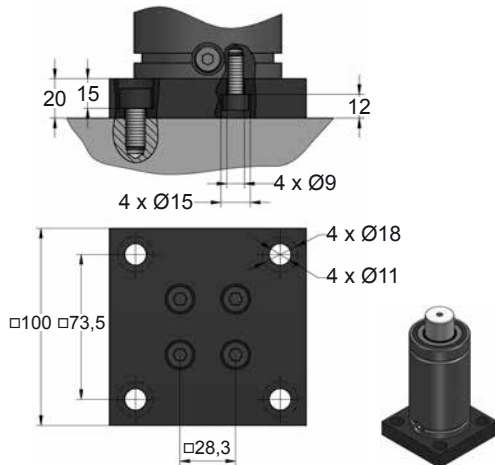
## A34-075



## B36-075



## B41-075

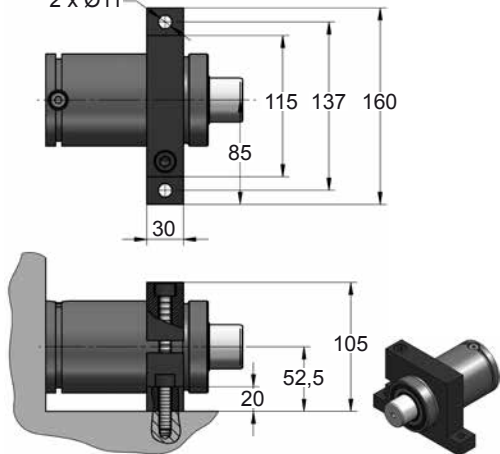


CODE	CT 3000 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-075	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

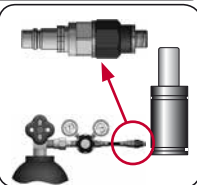
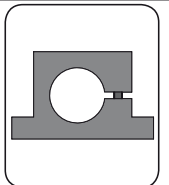
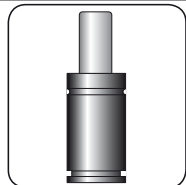
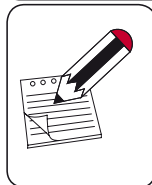
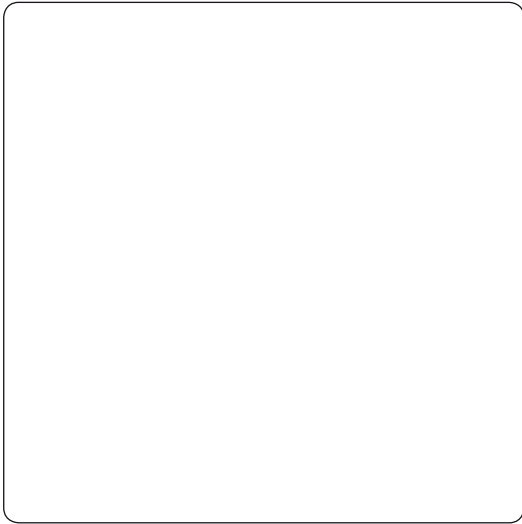
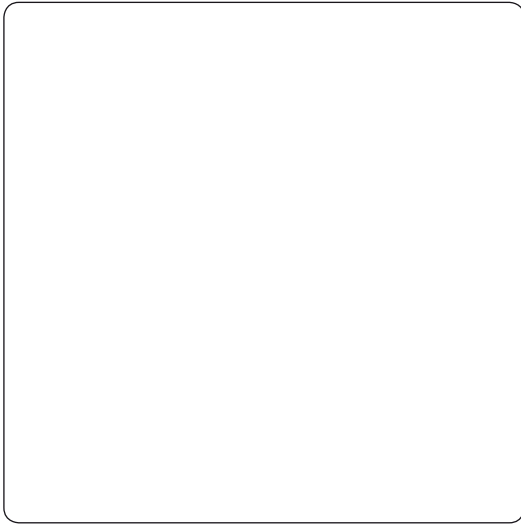
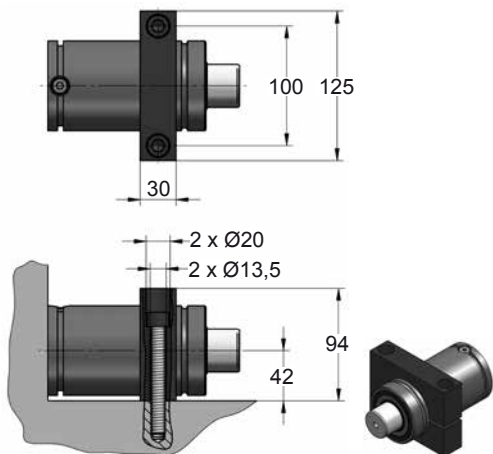


## D02-075

2 x Ø11



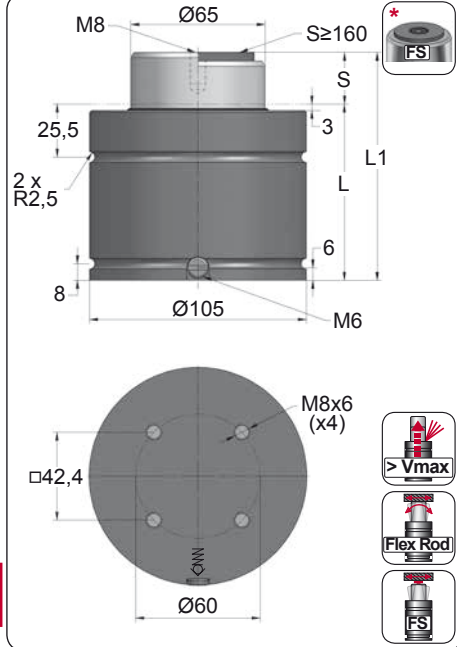
## D67-075



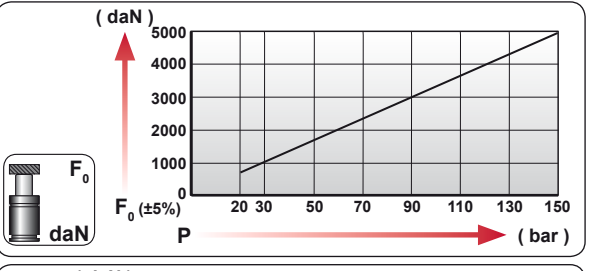
CODE	CT 3000 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-075	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

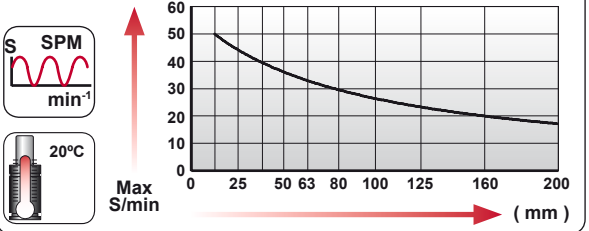
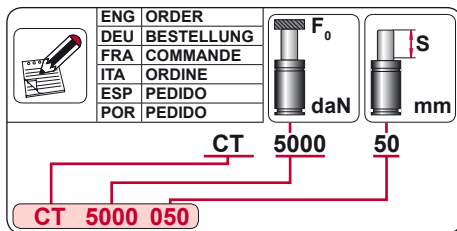
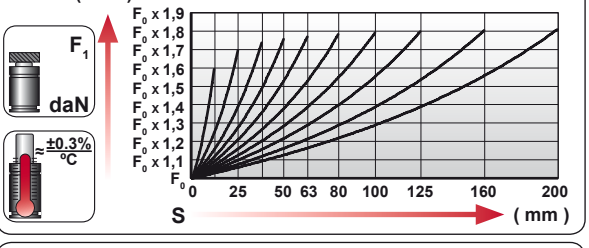
Low Profile



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
CT 5000 160 *	160	380	220	8.54
CT 5000 200 *	200	460	260	9.91



CODE		Pressure		Force	
		bar	psi	daN	daN
CT 5000 050		150	2175	4980	8750
CT-H 5000 050		0	0	---	---



N<sub>2</sub>

S<sub>max</sub> < 90%

V<sub>max</sub> 1,6 m/s

P<sub>min</sub> (20°C)  
P<sub>max</sub> (20°C)

T<sub>min</sub>  
T<sub>max</sub>

600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176

<b>MODEL</b>	×	×	×	CT 5000	×	×	×	×
<b>SERIES</b>	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

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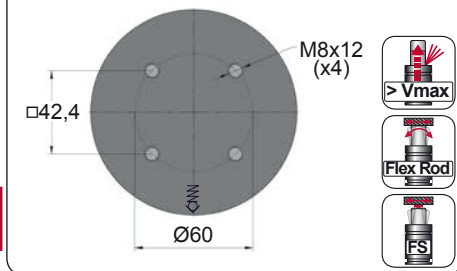
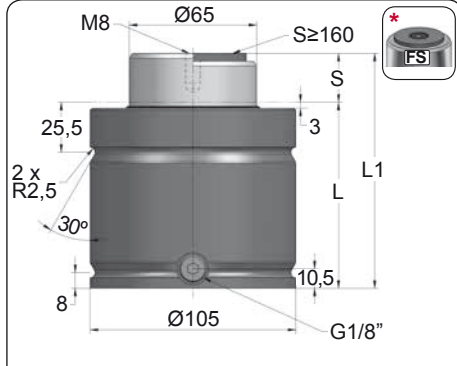
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<b>CODE</b>	<b>CT 5000 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-105</b>	<b>06 CG 2-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT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

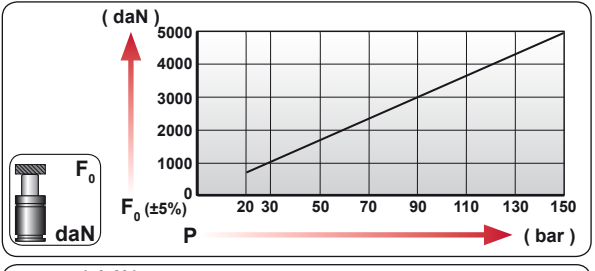
# CTN 5000

Low Profile

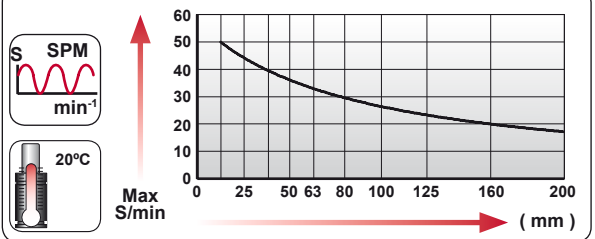
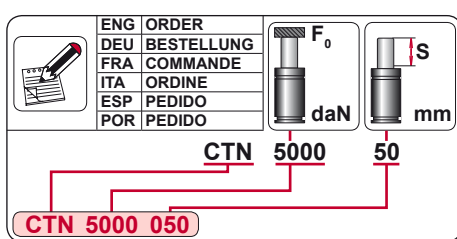
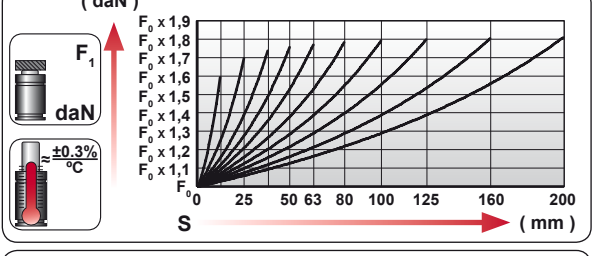


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CTN 5000 012	12	94	82	4.13
CTN 5000 025	25	120	95	4.57
CTN 5000 038	38	146	108	5.02
CTN 5000 050	50	170	120	5.43
CTN 5000 063	63	196	133	5.87
CTN 5000 080	80	230	150	6.45
CTN 5000 100	100	270	170	7.14
CTN 5000 125	125	320	195	7.99
CTN 5000 160 *	160	390	230	9.19
CTN 5000 200 *	200	470	270	10.56



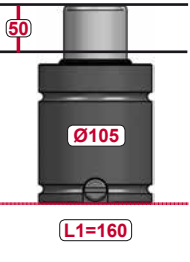














CODE	Pressure Gauge	Pressure		Force	
		bar	psi	daN	daN
CTN 5000 050		150	2175	4980	8750
CTN-H 5000 050		0	0	---	---

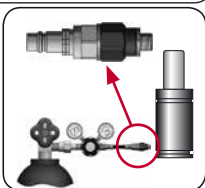
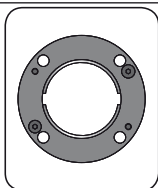
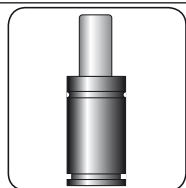
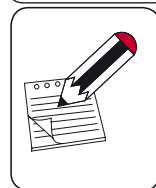


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N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

		
	MODEL	CTN 5000

<p><b>CT</b></p> 	<p><b>CTN</b></p> 	<p><b>DRM8</b></p> 	<p><b>TNRR</b></p> 
		<p><b>9RM8</b></p> 	<p><b>MCRR</b></p> 
<p><b>CT</b></p> 	<p><b>CTN</b></p> 	<p><b>7RM8</b></p> 	<p><b>TFRR</b></p> 
		<p><b>KRM6</b></p> 	<p><b>BK</b></p> 

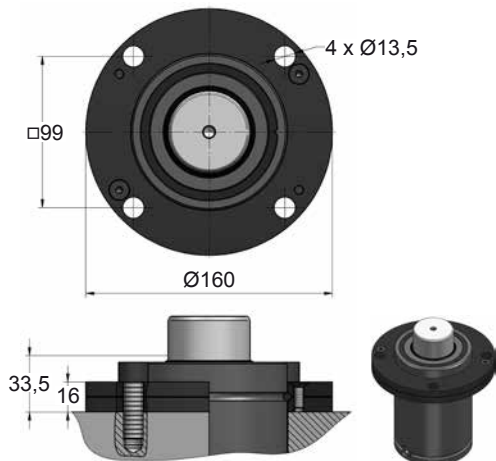


CODE	CTN 5000 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-105	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

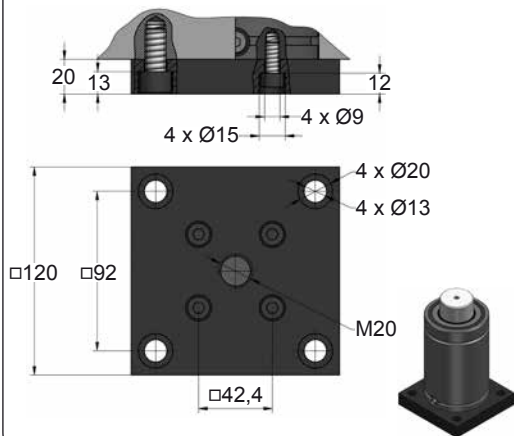
# CT/CTN 5000 MOUNTS

Low Profile

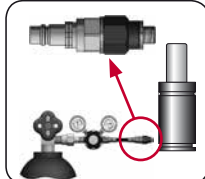
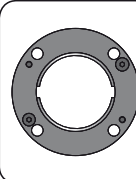
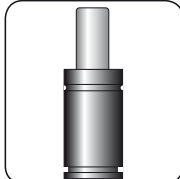
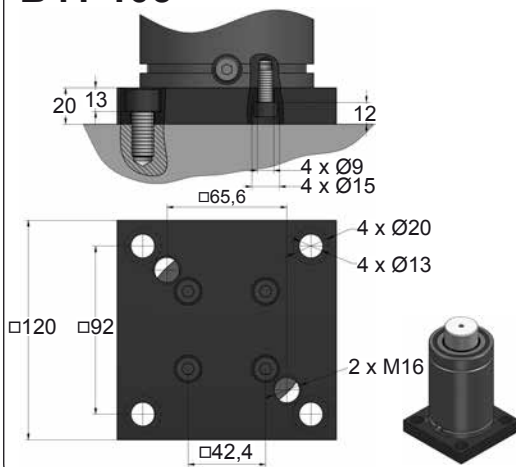
## A14-105



## B36-105



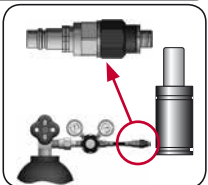
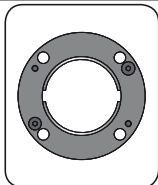
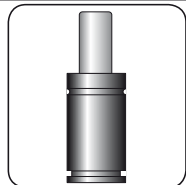
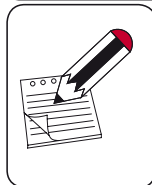
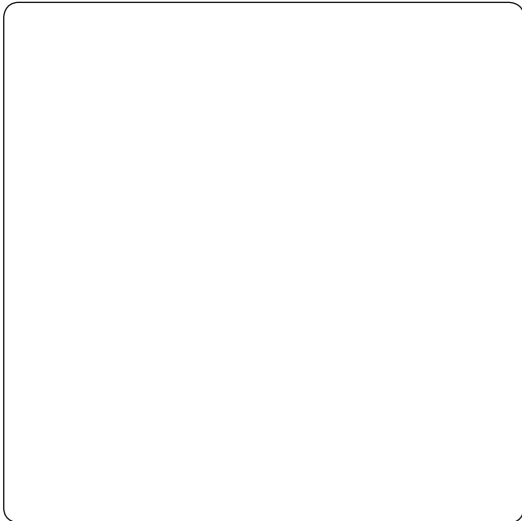
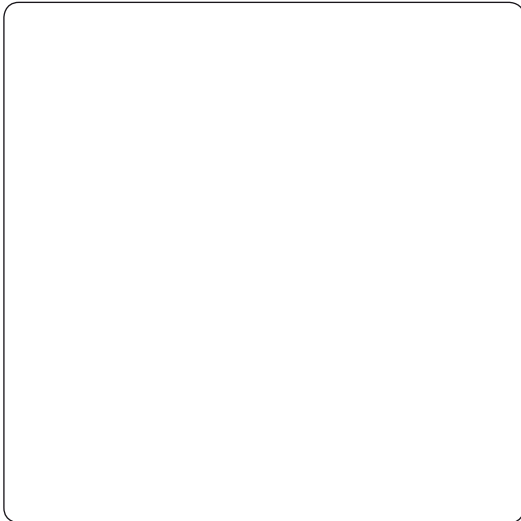
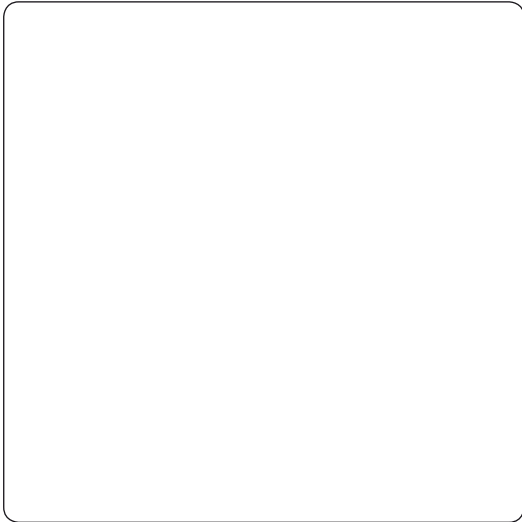
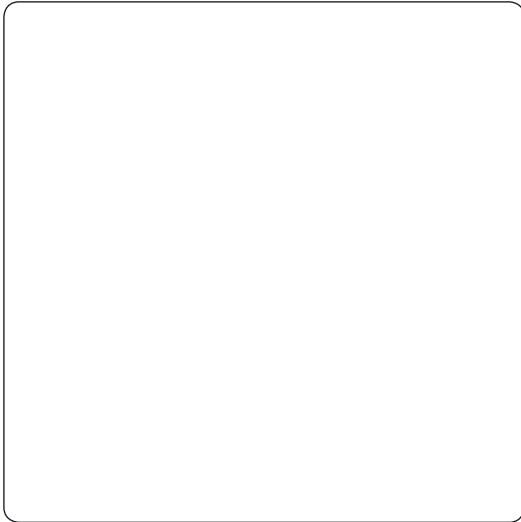
## B41-105



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

# CT/CTN 5000 MOUNTS

Low Profile


















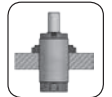





CODE	CT 5000 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-105	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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 COMPACT HEIGHT LARGE

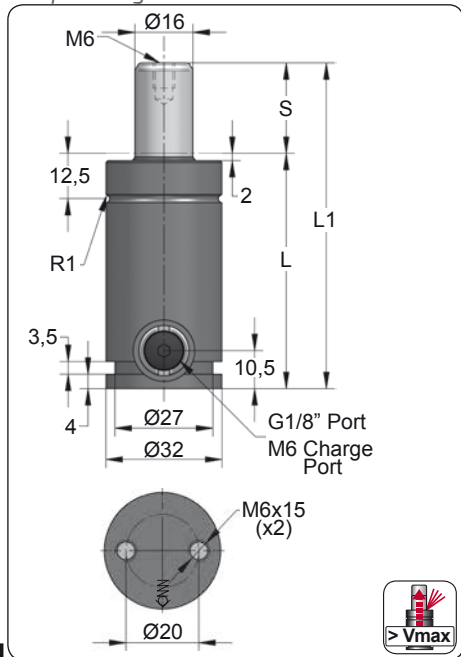
MODEL	F <sub>0</sub> 	∅ 	S 	L1 	Pmax 	Charge Port 		
KZ 350	350	∅32	10 - 125	60 - 290	180	M6		
KZ 500	500	∅38	10 - 125	60 - 290	150	M6		
KZ 750 V1	750	∅45	10 - 125	67 - 297	150	G1/8"		
KZ 1000 V1	1000	∅50	13 - 125	78 - 302	150	G1/8"		
KZ 1500	1500	∅63	13 - 125	78 - 302	150	G1/8"		
KZ 2400	2400	∅75	16 - 125	91 - 309	150	G1/8"		
KZ 4200	4200	∅95	16 - 125	94 - 312	150	G1/8"		
KZ 6600	6600	∅120	16 - 125	104 - 322	150	G1/8"		

 mm	50	50	50	50	50	50	50	50
 mm	∅50	∅50	∅50	∅50	∅50	∅50	∅50	∅50
 mm	L1=138 L1=152	L1=138	L1=138 L1=150 L1=150	L1=170 L1=185 L1=195	L1=195	L1=165 L1=175	L1=220	
 daN	1000 1000	1000	1000 1000 750	750 1000 1000	750	1700 2000	1800	
MODEL		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 Pmax 	POWER COMPACT STROKE S F0 

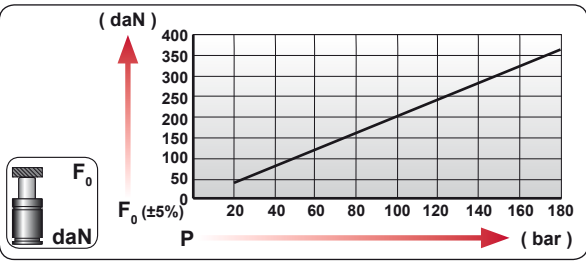
# KZ 350

Compact Height

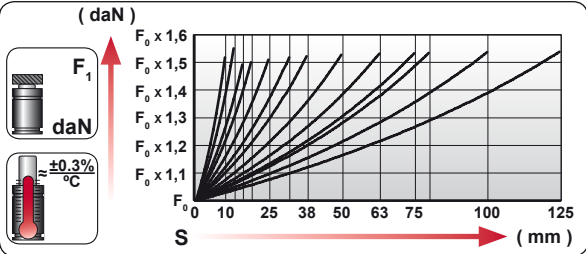


ORDER	S (mm)	L1 ±0.25 (mm)	L (mm)	Kg.
KZ 350 010	10	60	50	0.23
KZ 350 013	13	66	53	0.24
KZ 350 016	16	72	56	0.25
KZ 350 019	19	78	59	0.26
KZ 350 025	25	90	65	0.28
KZ 350 032	32	104	72	0.31
KZ 350 038	38	116	78	0.33
KZ 350 050	50	140	90	0.37
KZ 350 063	63	166	103	0.41
KZ 350 075	75	190	115	0.45
KZ 350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



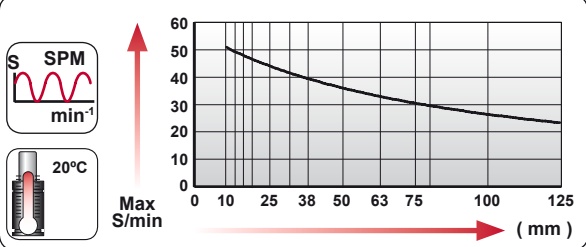
CODE				
	bar	psi	daN	daN
KZ 350 050	180	2610	360	550
KZ-H 350 050	0	0	---	---



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm

**KZ 350 50**

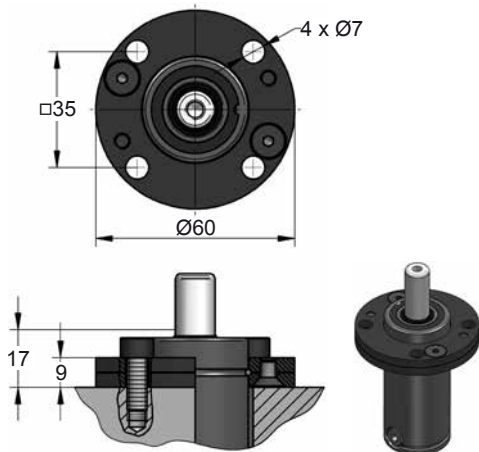
**KZ 350 050**



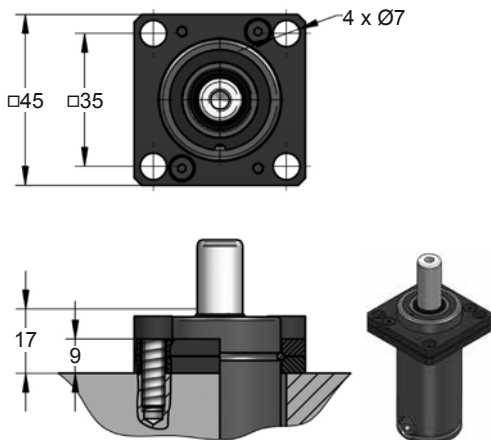
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	180	2610	0	32	80	176

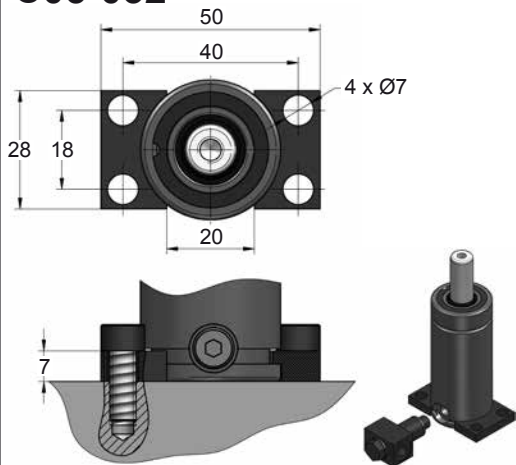
## A14-032



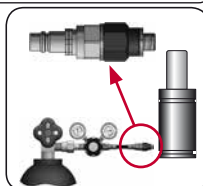
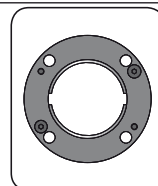
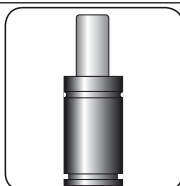
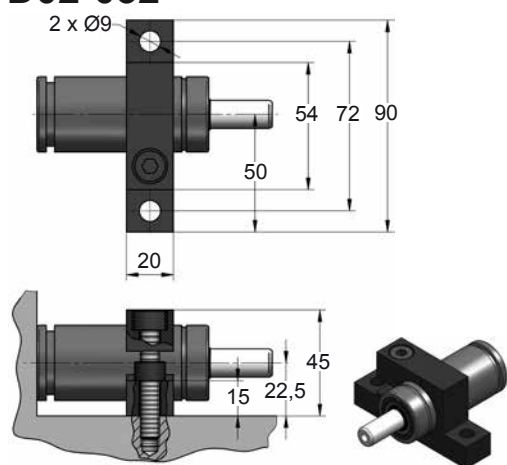
## A34-032



## C05-032



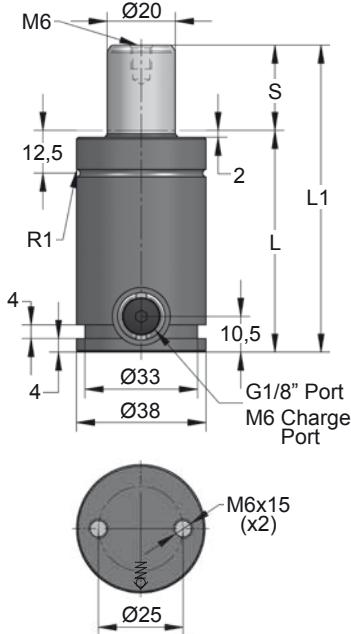
## D02-032



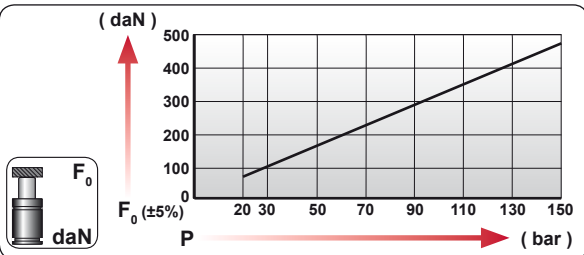
CODE	KZ 350 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-032	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE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

# KZ 500

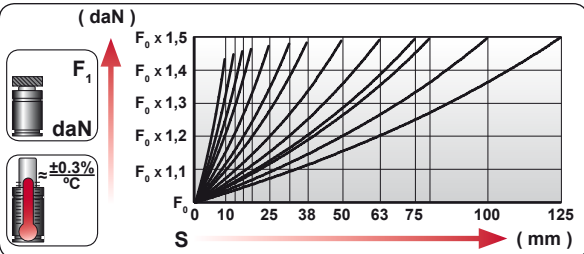
Compact Height



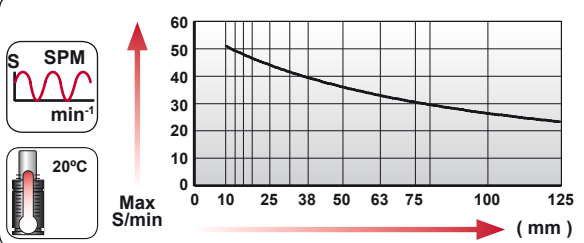
ORDER	S (mm)	L1 ±0.25 (mm)	L (mm)	Kg.
KZ 500 010	10	60	50	0.24
KZ 500 013	13	66	53	0.25
KZ 500 016	16	72	56	0.26
KZ 500 019	19	78	59	0.27
KZ 500 025	25	90	65	0.30
KZ 500 032	32	104	72	0.32
KZ 500 038	38	116	78	0.35
KZ 500 050	50	140	90	0.40
KZ 500 063	63	166	103	0.45
KZ 500 075	75	190	115	0.50
KZ 500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



CODE					
		bar	psi		
KZ 500 050		150	2175	470	700
KZ-H 500 050		0	0	---	---



ENG	ORDER		
DEU	BESTELLUNG	daN	mm
FRA	COMMANDE		
ITA	ORDINE		
ESP	PEDIDO		
POR	PEDIDO		
		500	50
	<b>KZ 500 050</b>		



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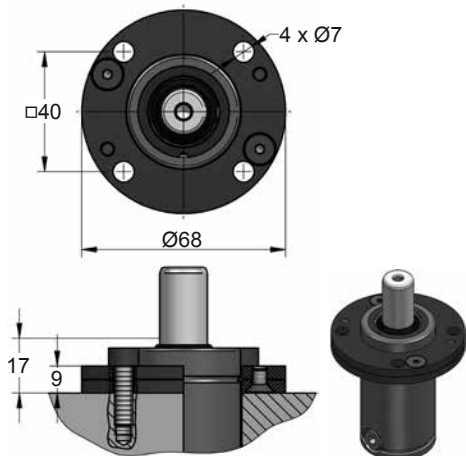
N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi 20 290	bar psi 150 2175	°C °F 0 32	°C °F 80 176	600 CP-
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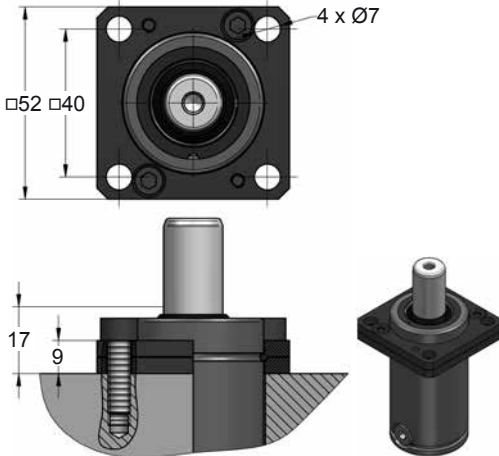
# KZ 500 MOUNTS

Compact Height

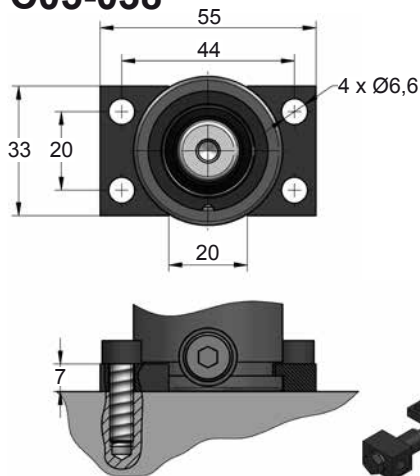
## A14-038



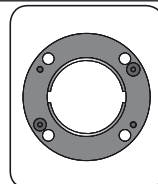
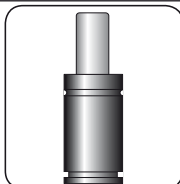
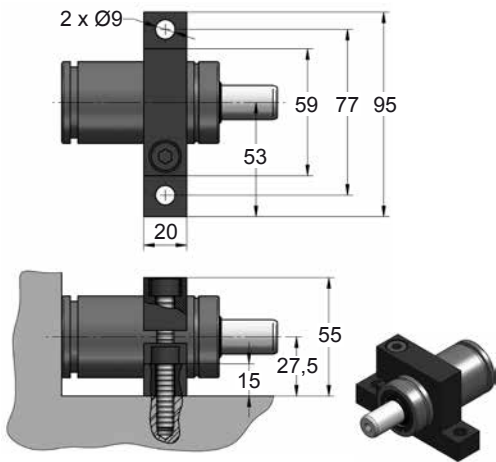
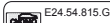
## A34-038



## C05-038



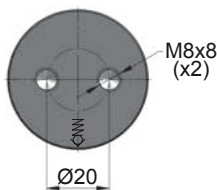
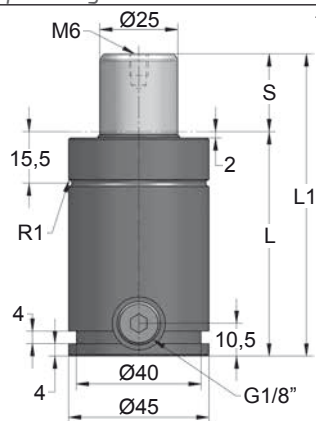
## D02-038



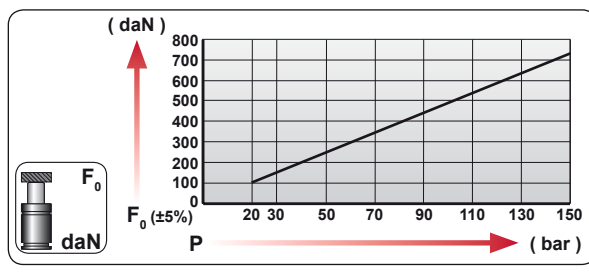
CODE	KZ 500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-038	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

# KZ 750 V1

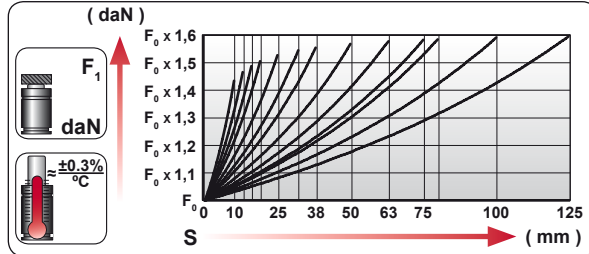
Compact Height



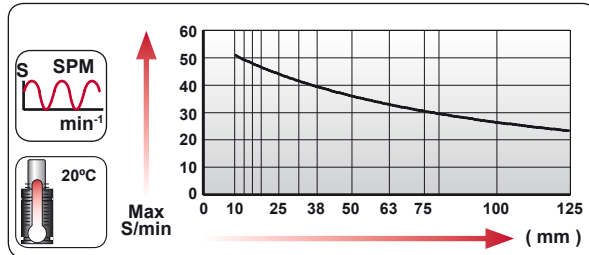
ORDER	S (mm)	L1 ±0.25 (mm)	L (mm)	Kg.
KZ 750 010 V1	10	67	57	0.54
KZ 750 013 V1	13	73	60	0.56
KZ 750 016 V1	16	79	63	0.58
KZ 750 019 V1	19	85	66	0.59
KZ 750 025 V1	25	97	72	0.63
KZ 750 032 V1	32	111	79	0.67
KZ 750 038 V1	38	123	85	0.71
KZ 750 050 V1	50	147	97	0.79
KZ 750 063 V1	63	173	110	0.87
KZ 750 075 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	daN	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		
		daN	mm
		<b>KZ 750</b>	<b>50</b>
		<b>KZ 750 050 V1</b>	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176



# KZ 750 V1 MOUNTS

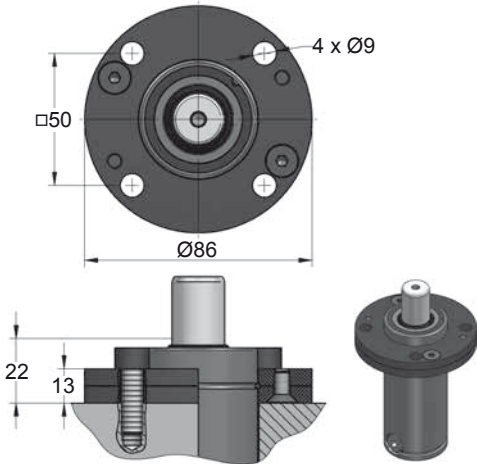
Compact Height

<b>MODEL</b>	<b>X</b>	CW 750 KZ 750	AS 700	CK 750 FD 500	CM 600 CD 700	APF 500	CPH 1250	<b>X</b>
<b>SERIES</b>	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE

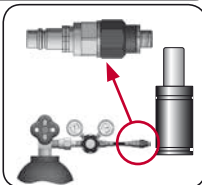
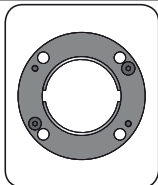
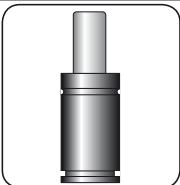
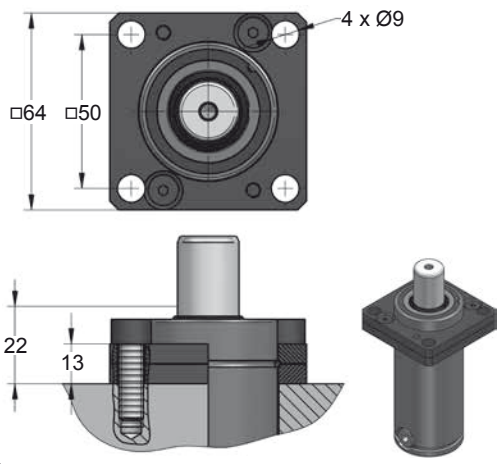
## A14-045



E24.54.815.G  
EM24.54.700/F



## A34-045



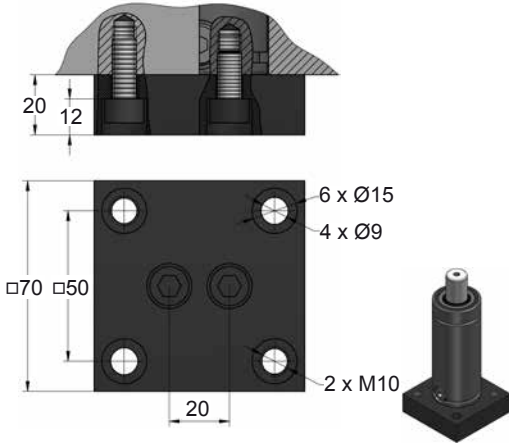
<b>CODE</b>	<b>KZ 750 050 V1</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-045</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

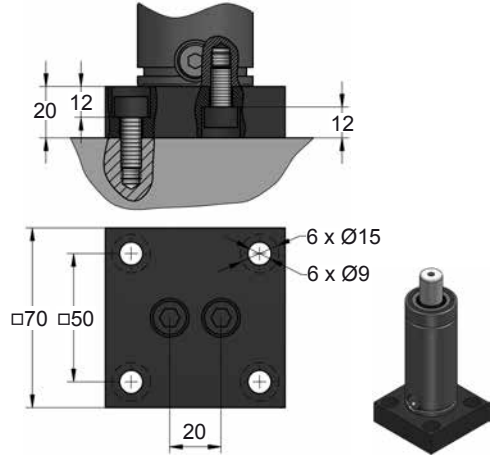
Compact Height



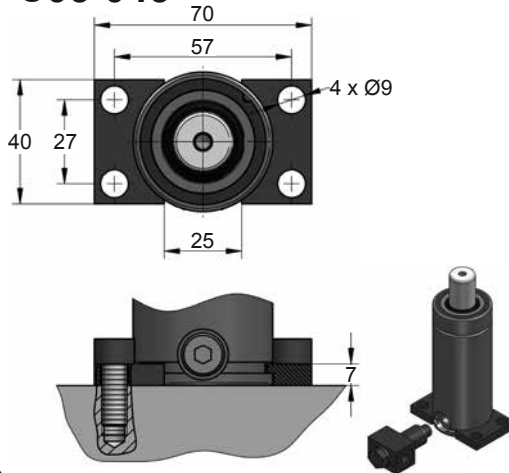
## B36-045



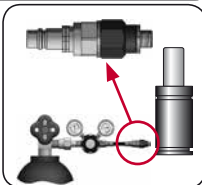
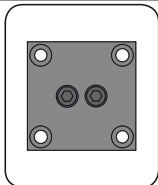
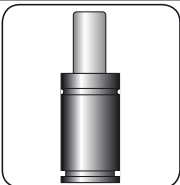
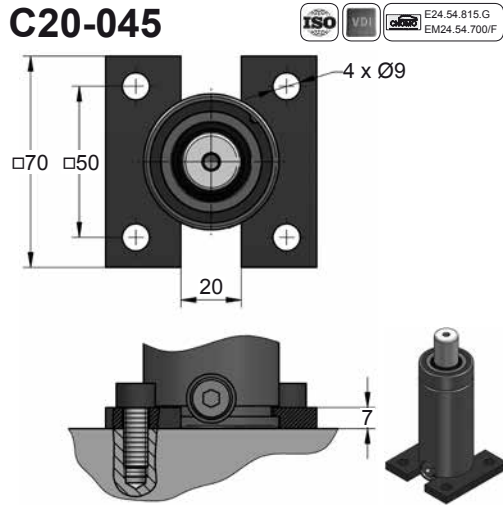
## B41-045



## C05-045



## C20-045



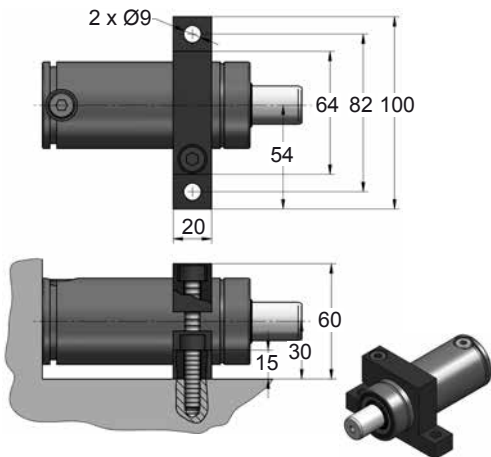
CODE	KZ 750 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	B36-045	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA



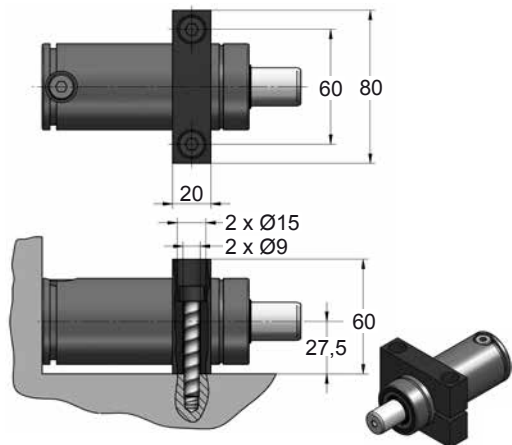
# KZ 750 V1 MOUNTS

Compact Height

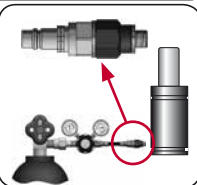
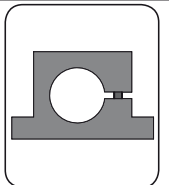
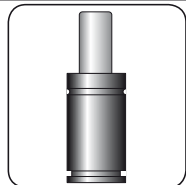
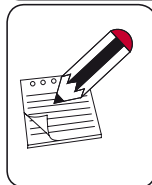
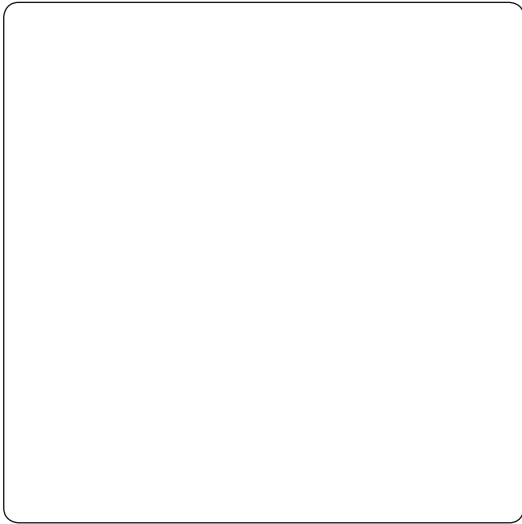
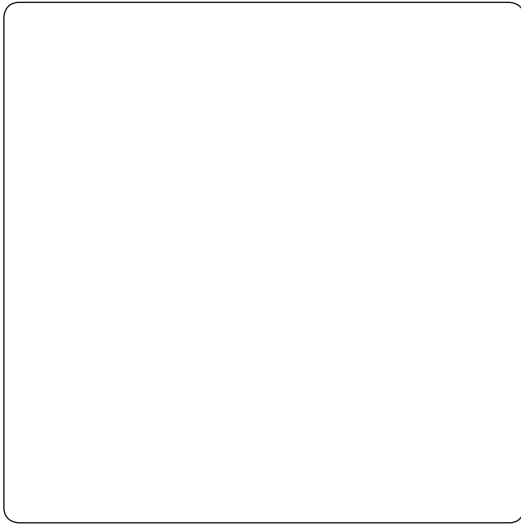
## D02-045



## D67-045



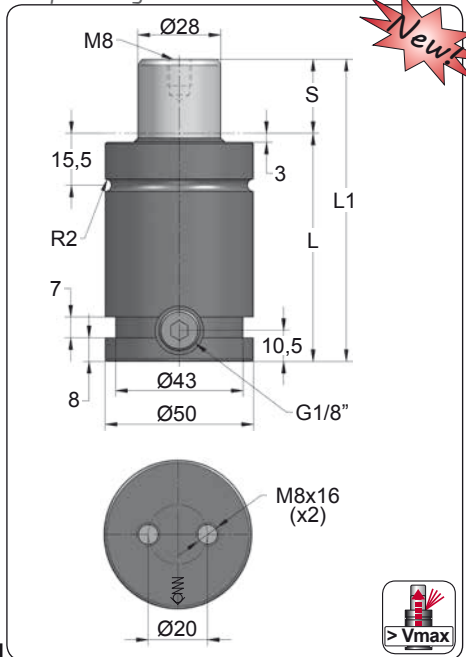
VDI



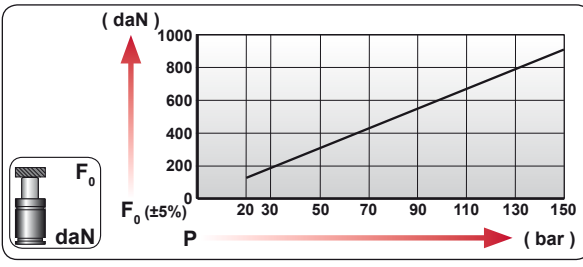
CODE	KZ 750 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	D02-045	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

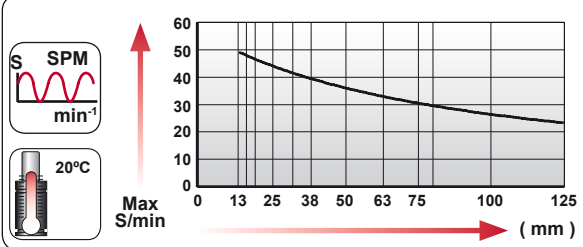
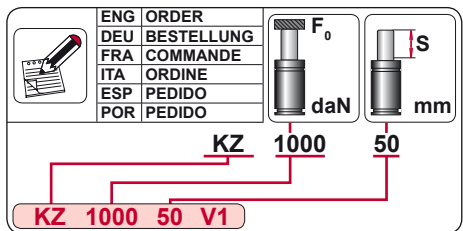
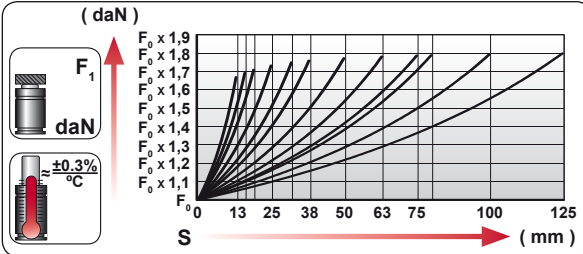
Compact Height



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	daN	daN
KZ 1000 050 V1	150	2175	920	1495
KZ-H 1000 050 V1	0	0	---	---



N<sub>2</sub>

S<sub>max</sub> < 90%

V<sub>max</sub> 1,6 m/s

P<sub>min</sub> (20°C)  
P<sub>max</sub> (20°C)

T<sub>min</sub>  
T<sub>max</sub>

600 CP-

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

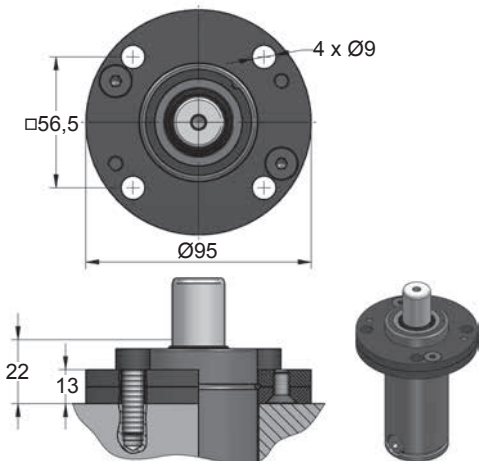


# KZ 1000 V1 MOUNTS

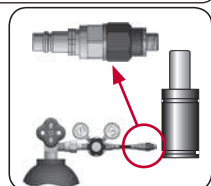
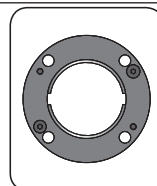
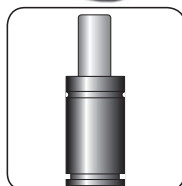
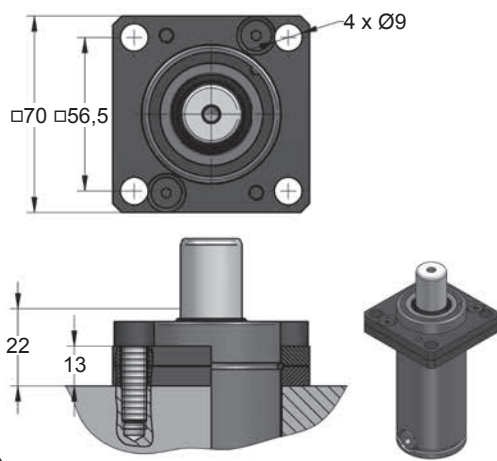
Compact Height

	<b>L1=138</b> <b>L1=152</b>	<b>L1=138</b>	<b>L1=138</b> <b>L1=150</b> <b>L1=150</b>	<b>L1=170</b> <b>L1=185</b> <b>L1=195</b>	<b>L1=195</b>	<b>L1=165</b> <b>L1=175</b>	<b>L1=220</b>	
<b>MODEL</b>	<b>X</b>	<b>CW 1000</b> <b>KZ 1000</b>	<b>AS 1000</b>	<b>CT 750</b> <b>CK 1000</b> <b>FD 750</b>	<b>GN 750</b> <b>CM 1000</b> <b>CD 1000</b>	<b>AG 750</b>	<b>CPH 1700</b> <b>CP 2000</b>	<b>CS 1800</b>
<b>SERIES</b>	<b>MINI</b>	<b>COMPACT HEIGHT</b>	<b>THREADED</b>	<b>LOW PROFILE</b>	<b>HEAVY DUTY</b>	<b>ISO</b>	<b>HEAVY LOAD</b>	<b>POWER COMPACT STROKE</b>

## A14-050



## A34-050



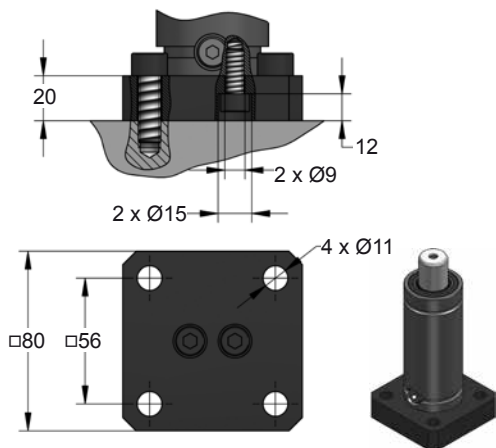
<b>CODE</b>	<b>KZ 1000 050 V1</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-050</b>	<b>18 CG 1-Q</b>
<b>ENG ORDER</b>	<b>GAS SPRING</b>	<b>REPAIR KIT</b>	<b>FLANGE</b>	<b>CHARGING ADAPTER</b>
<b>DEU BESTELLUNG</b>	<b>GASDRUCKFEDER</b>	<b>ERSATZTEILSATZ</b>	<b>FLANSCH</b>	<b>LADEADAPTER</b>
<b>FRA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

# KZ 1000 V1 MOUNTS

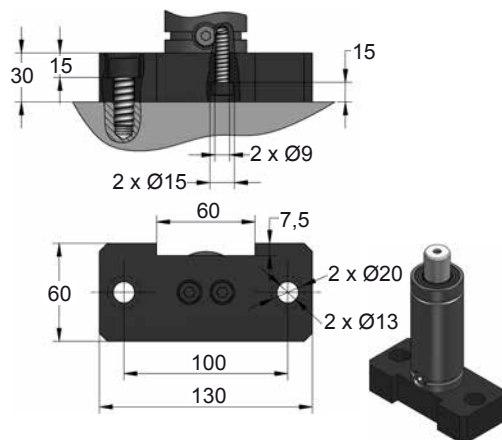
Compact Height

**AZOL**  
**GAS**

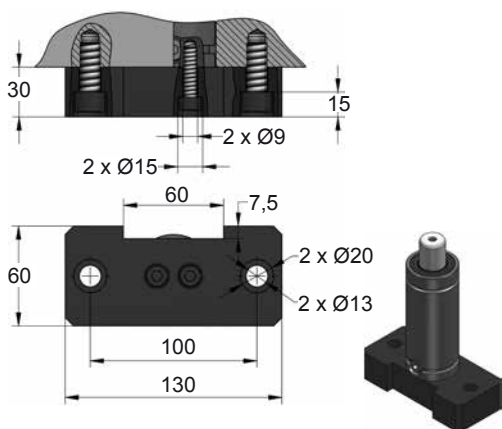
## B13-050



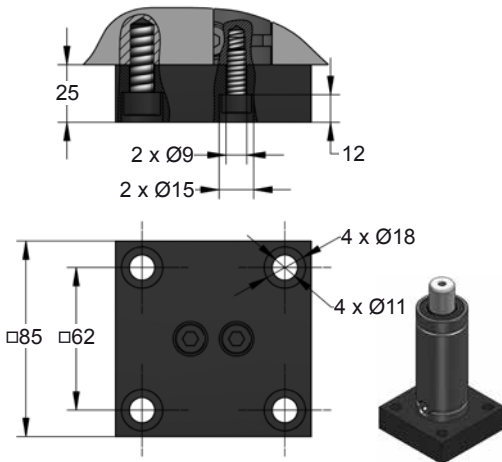
## B18-050



## B28-050



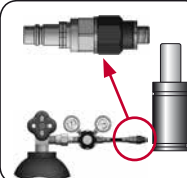
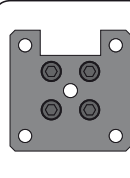
## B98-050



SEAL  
KIT S-XXXXXXX



CARTRIDGE  
KIT C-XXXXXXX



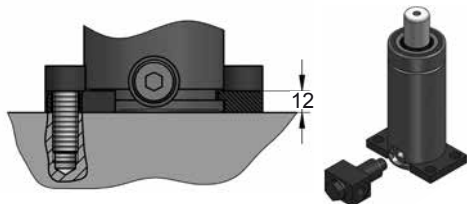
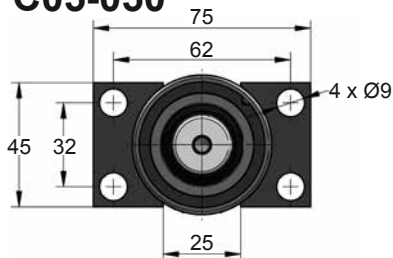
CODE	KZ 1000 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	B13-050	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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



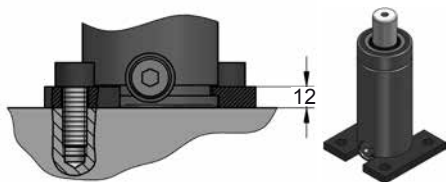
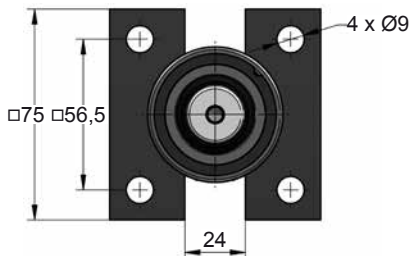
# KZ 1000 V1 MOUNTS

Compact Height

## C05-050



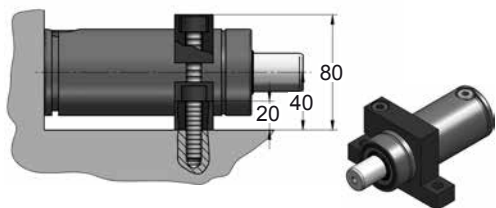
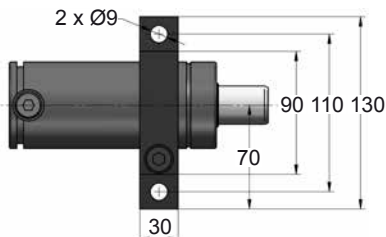
## C20-050



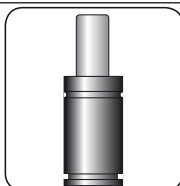
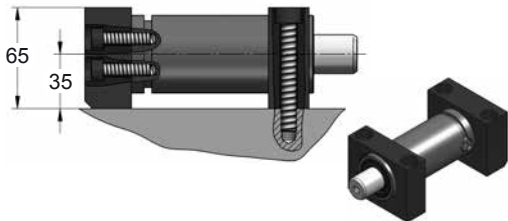
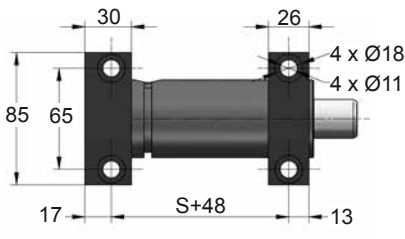
## D02-050



E24.54.815.G  
EM24.54.700/F



## D82-050

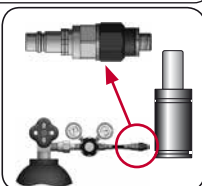
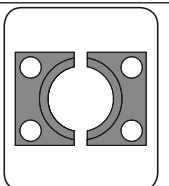


SEAL

KIT S-XXXXXXX

CARTRIDGE

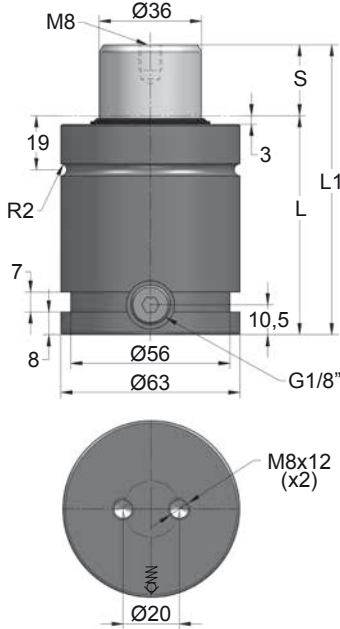
KIT C-XXXXXXX



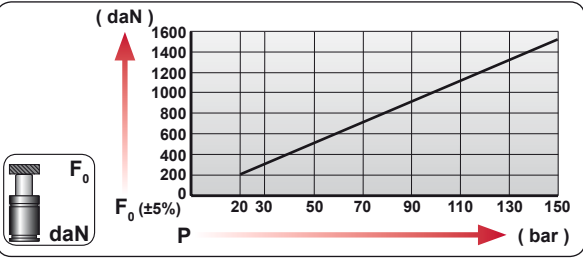
CODE	KZ 1000 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	C05-050	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

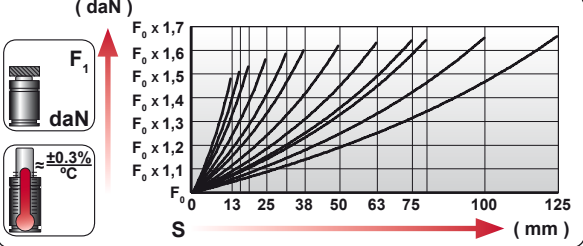
Compact Height



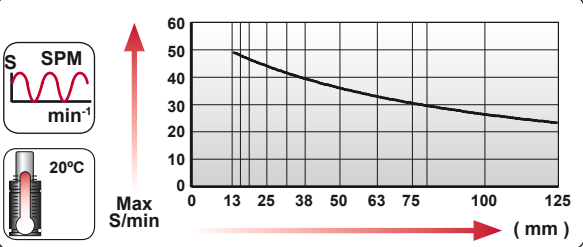
ORDER	S (mm)	L1 ±0.25 (mm)	L (mm)	Kg.
KZ 1500 013	13	78	65	1.17
KZ 1500 016	16	84	68	1.21
KZ 1500 019	19	90	71	1.25
KZ 1500 025	25	102	77	1.32
KZ 1500 032	32	116	84	1.41
KZ 1500 038	38	128	90	1.49
KZ 1500 050	50	152	102	1.64
KZ 1500 063	63	178	115	1.81
KZ 1500 075	75	202	127	1.97
KZ 1500 080	80	212	132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



CODE				
		bar psi	daN	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		
		daN	mm
		KZ 1500	50
		KZ 1500 50	




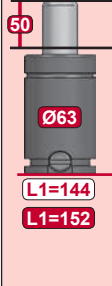


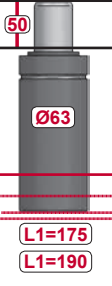
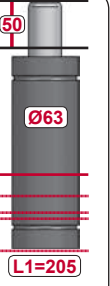










N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

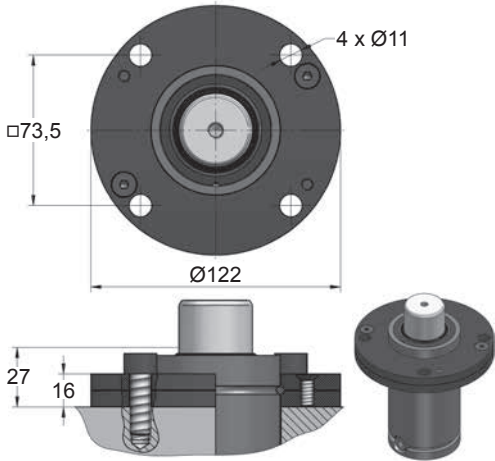
bar psi	bar psi	°C °F	°C °F
20 290	150 2175	0 32	80 176

# KZ 1500 MOUNTS

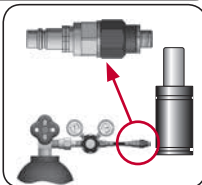
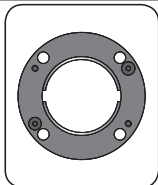
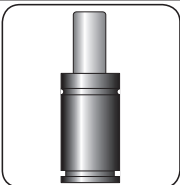
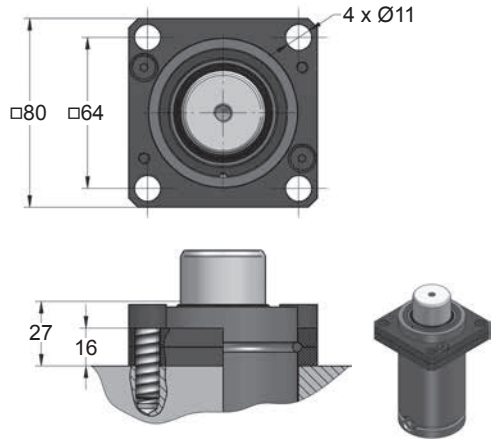
Compact Height

								
			50 Ø63 L1=144 L1=152	50 Ø63 L1=152 L1=160	50 Ø63 L1=185 L1=195	50 Ø63 L1=175 L1=190	50 Ø63 L1=205	
MODEL	×	CW 1500 KZ 1500	×	CT 1500 CK 1500	CM 1500 CD 1500	×	CPH 2800 CP 3000	CS 3000
SERIES	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE
								

## A14-063



## A69-063



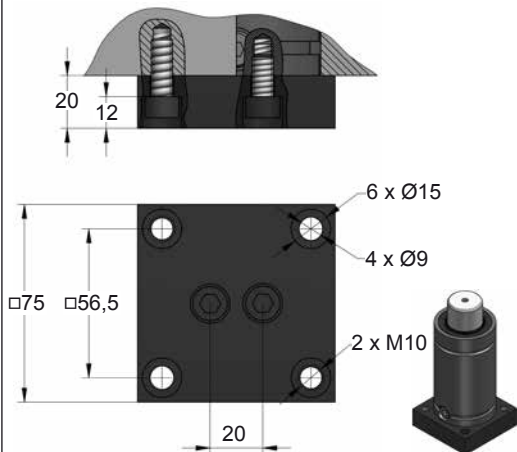
CODE	KZ 1500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-063	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

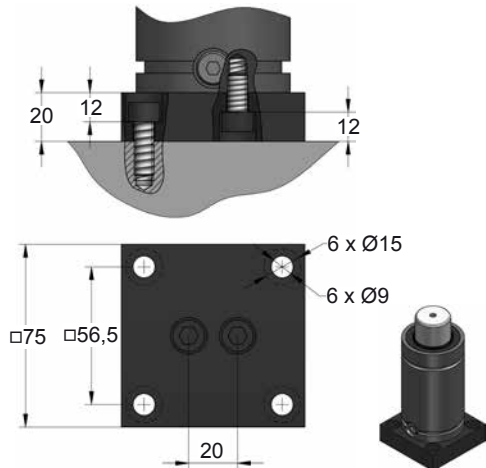
Compact Height

**AZOL**  
**GAS**

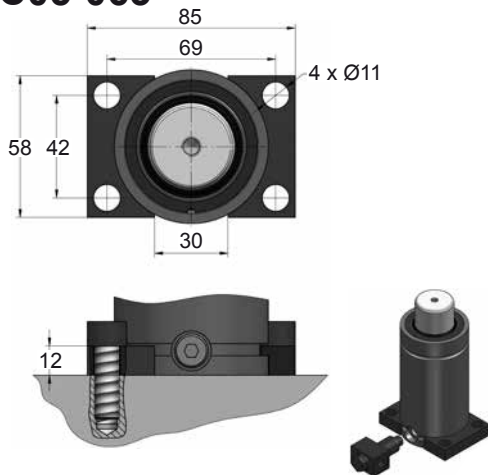
## B36-063



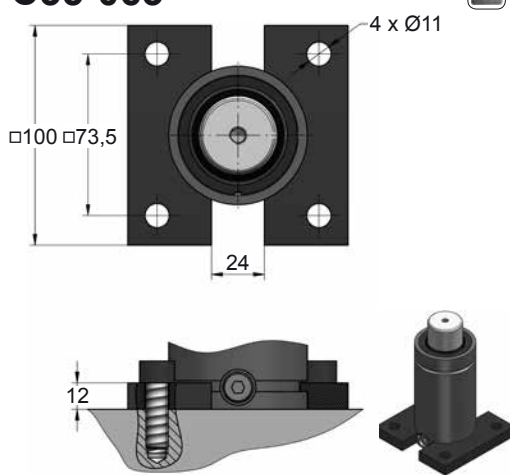
## B41-063



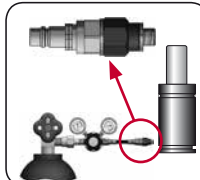
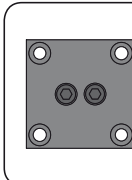
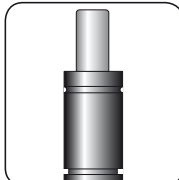
## C05-063



## C35-063



VDI



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

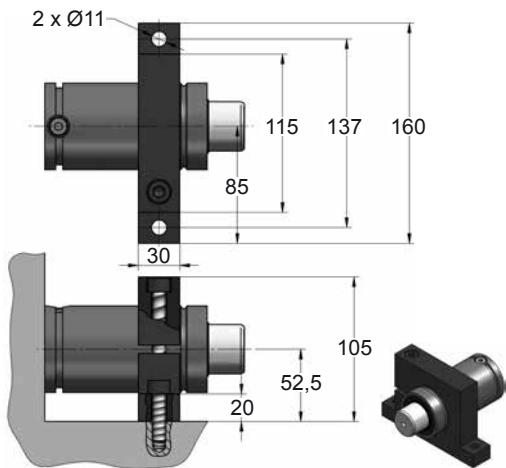




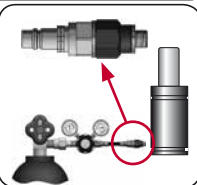
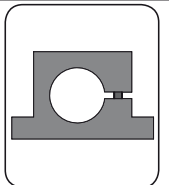
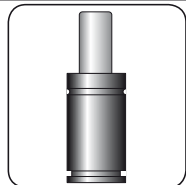
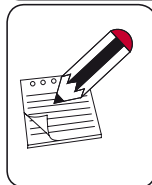
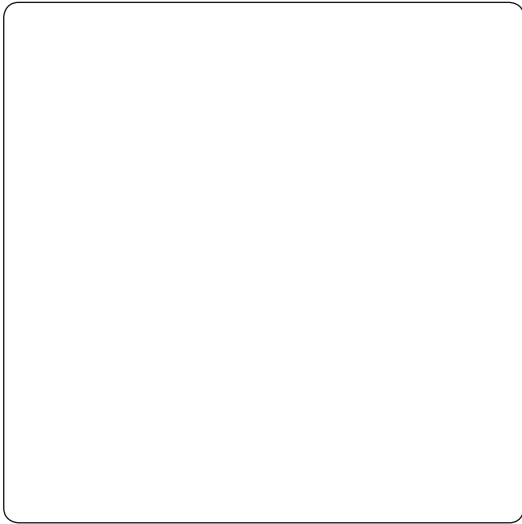
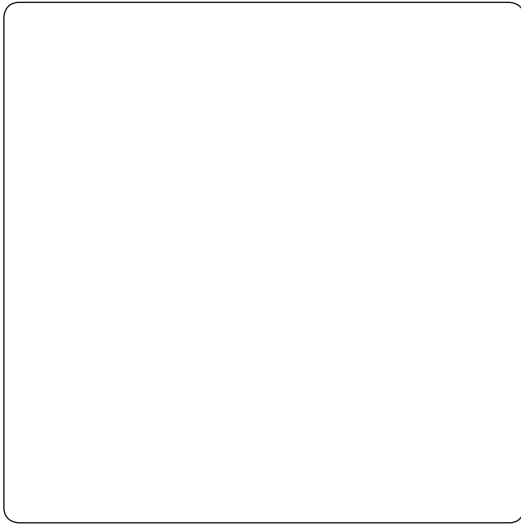
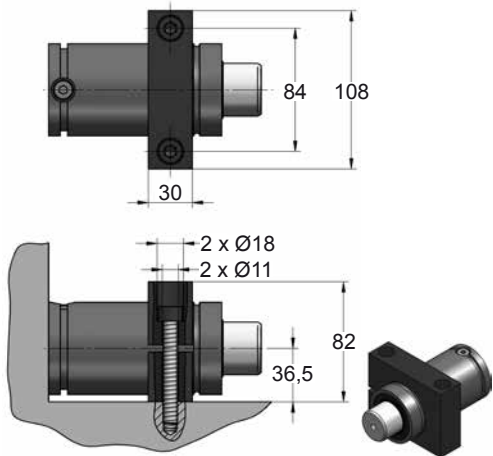
# KZ 1500 MOUNTS

Compact Height

## D02-063



## D67-063

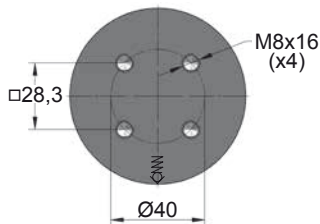
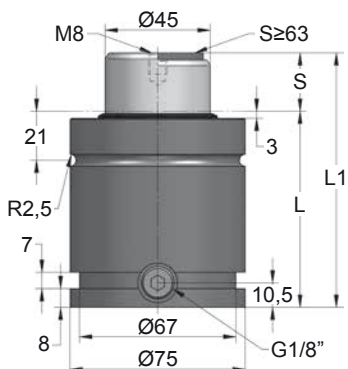


CODE	KZ 1500 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-063	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

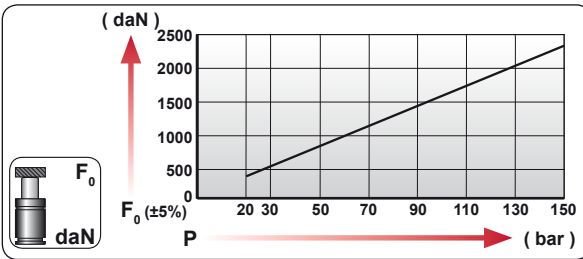
# KZ 2400

Compact Height

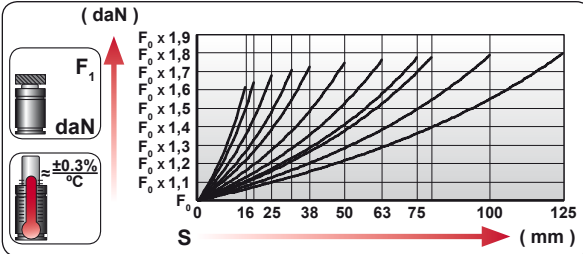


ORDER	S (mm)	L1 ±0.25 (mm)	L (mm)	Kg.
KZ 2400 016	16	91	75	1.89
KZ 2400 019	19	97	78	1.94
KZ 2400 025	25	109	84	2.04
KZ 2400 032	32	123	91	2.16
KZ 2400 038	38	135	97	2.26
KZ 2400 050	50	159	109	2.47
KZ 2400 063 *	63	185	122	2.69
KZ 2400 075 *	75	209	134	2.90
KZ 2400 080 *	80	219	139	2.98
KZ 2400 100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



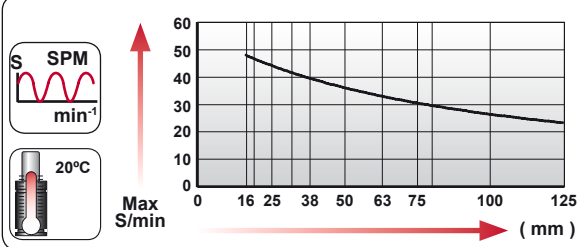
CODE	Valve Diagram	Pressure		F <sub>0</sub>	F <sub>1</sub>
		bar	psi	daN	daN
KZ 2400 050		150	2175	2385	3890
KZ-H 2400 050		0	0	---	---



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

**KZ 2400 50**

**KZ 2400 50**



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N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

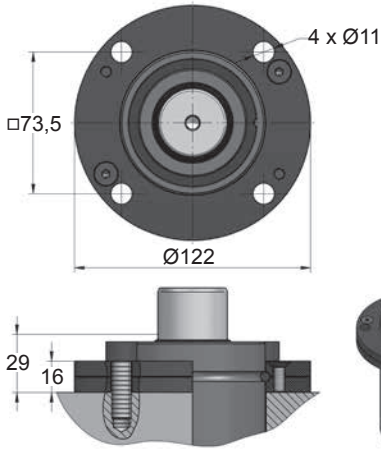


# KZ 2400 MOUNTS

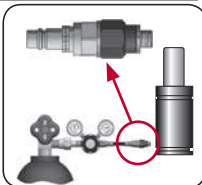
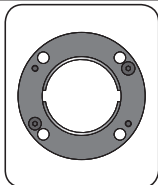
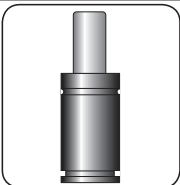
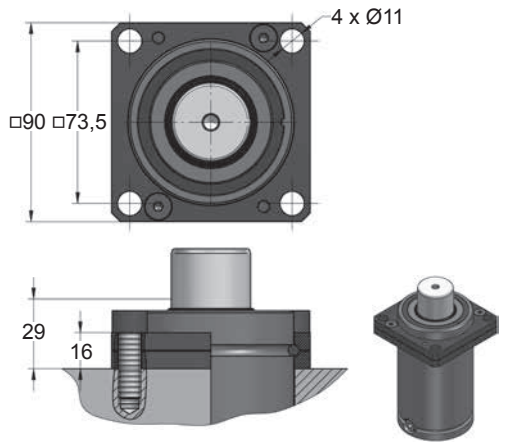
Compact Height

MODEL	×	CW 2400 KZ 2400	×	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



## A34-075



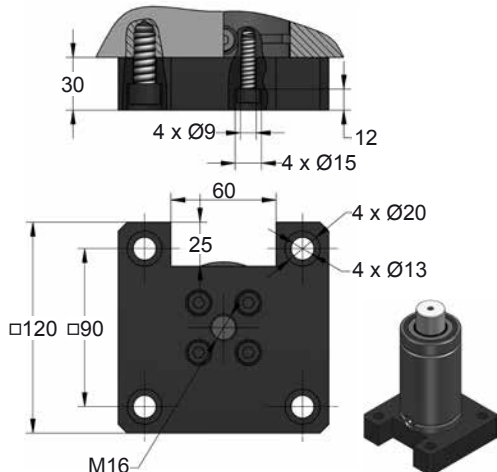
CODE	KZ 2400 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

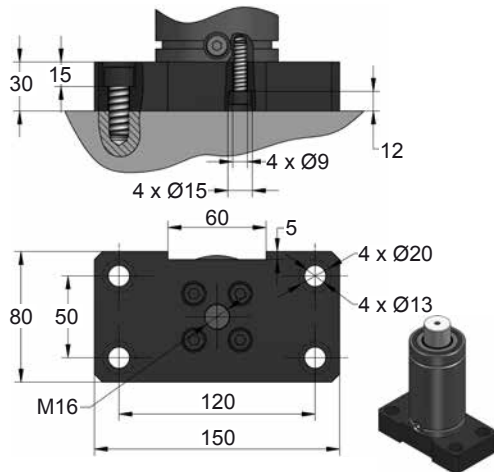
Compact Height

**AZOL  
GAS**

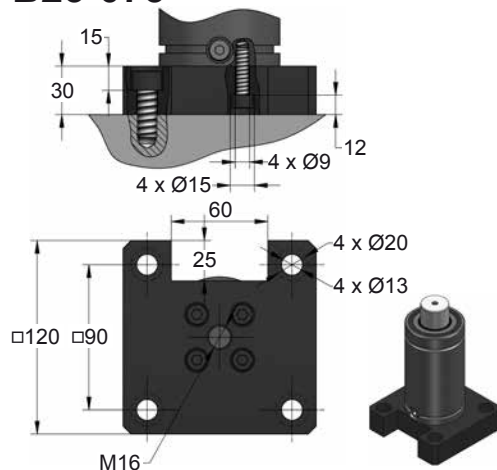
## B13-075



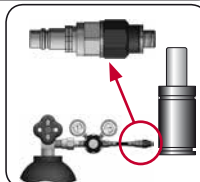
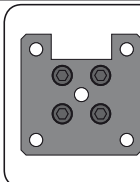
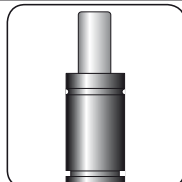
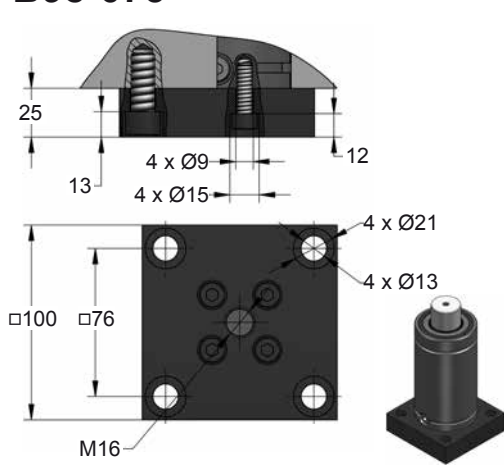
## B18-075



## B23-075



## B98-075



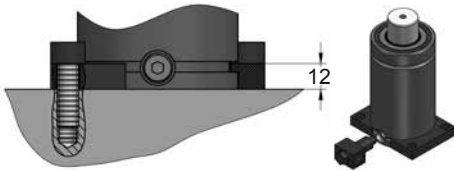
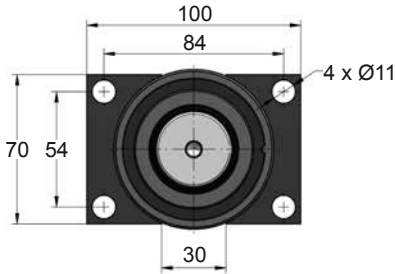
CODE	KZ 2400 050	KIT S-XXXXXXX KIT C-XXXXXXX	B13-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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



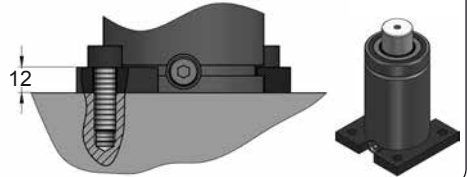
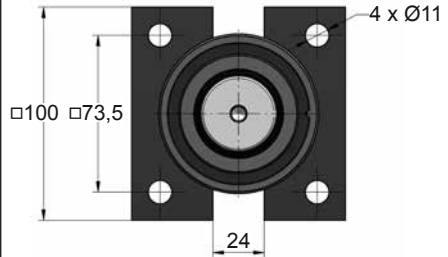
# KZ 2400 MOUNTS

Compact Height

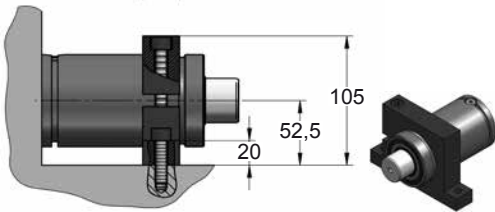
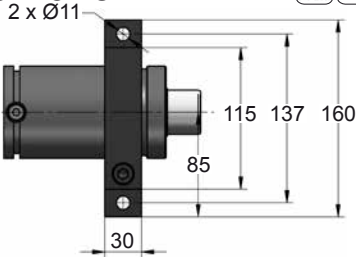
## C05-075



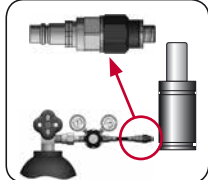
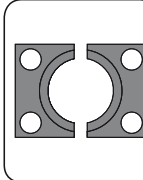
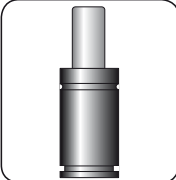
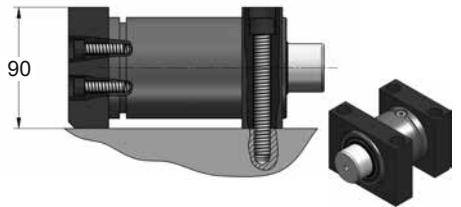
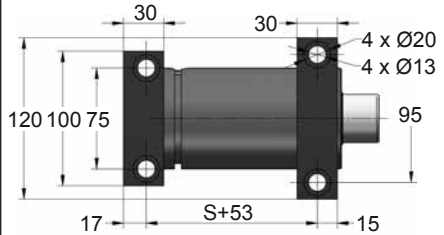
## C20-075



## D02-075



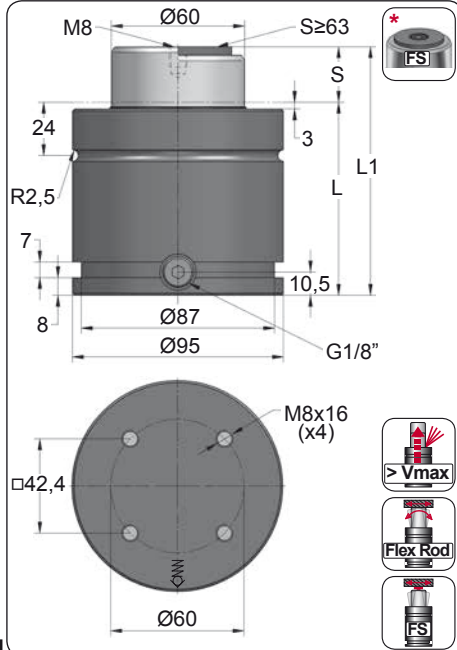
## D82-075



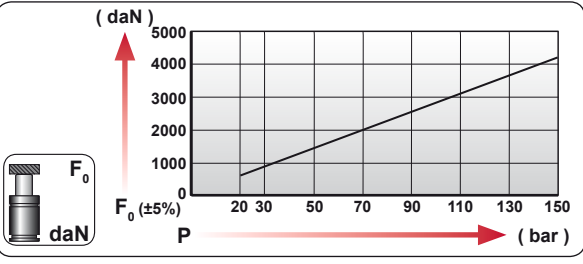
CODE	KZ 2400 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-075	18 CG 1-Q
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA	ADAPTADOR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

# KZ 4200

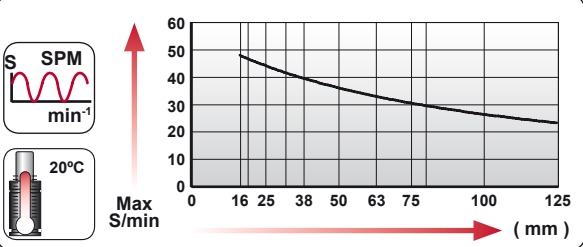
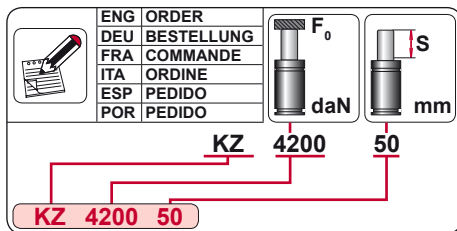
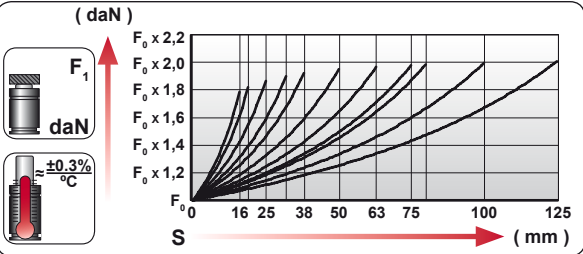
Compact Height



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 <sub>0</sub> daN	F <sub>1</sub> daN
KZ 4200 050		150	2175	4240	7200
KZ-H 4200 050		0	0	---	---



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N <sub>2</sub>	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-
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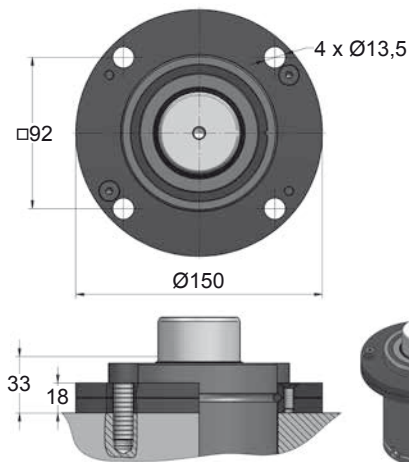


# KZ 4200 MOUNTS

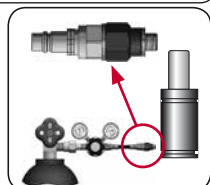
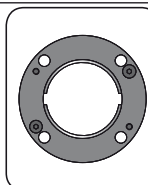
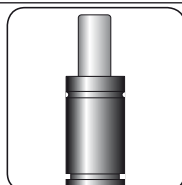
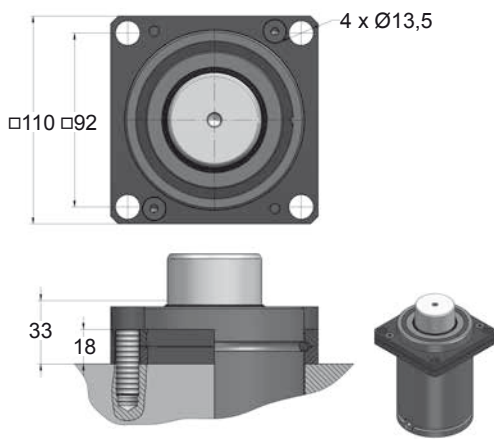
Compact Height

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



## A34-095



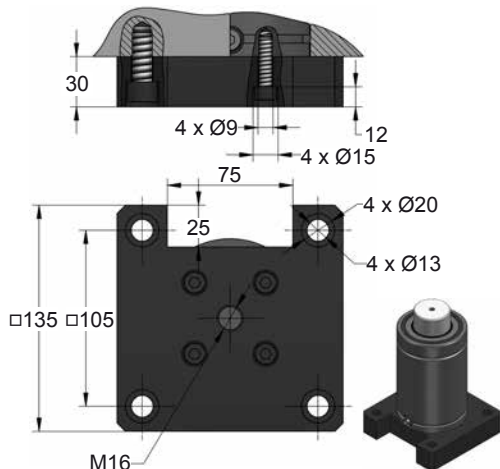
CODE	KZ 4200 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

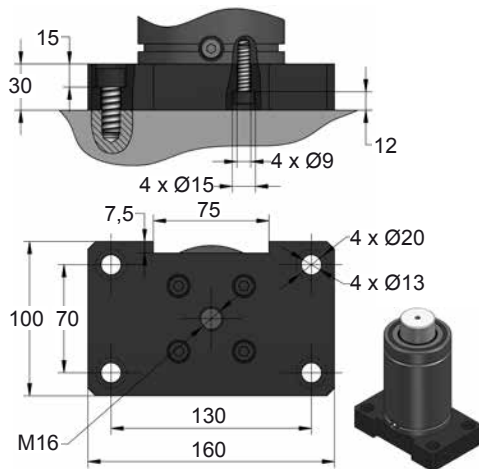
Compact Height

**AZOL  
GAS**

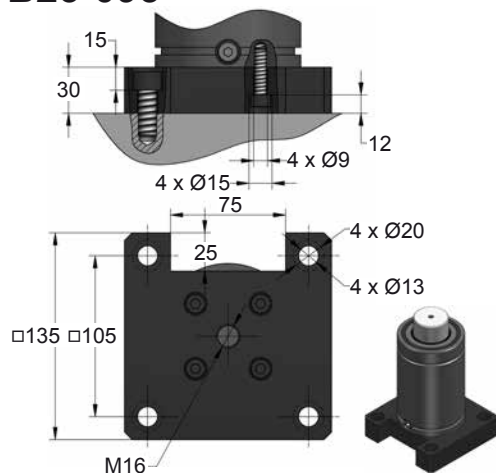
## B13-095



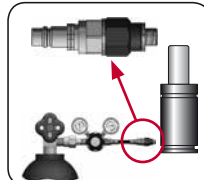
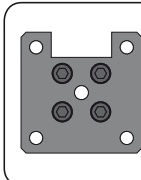
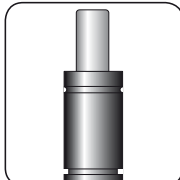
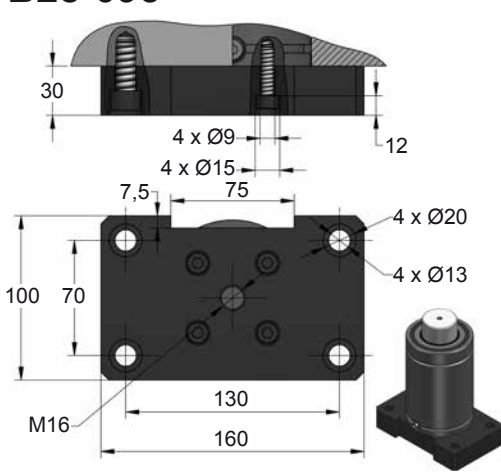
## B18-095



## B23-095



## B28-095



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

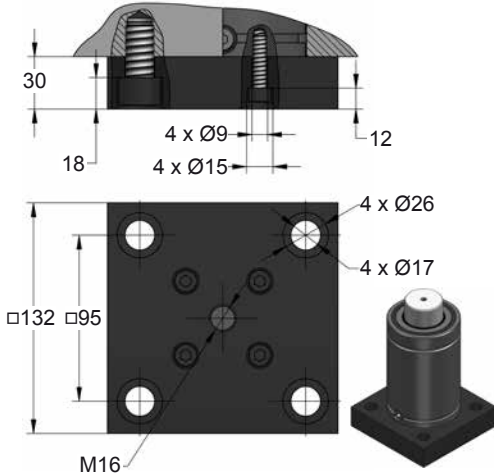




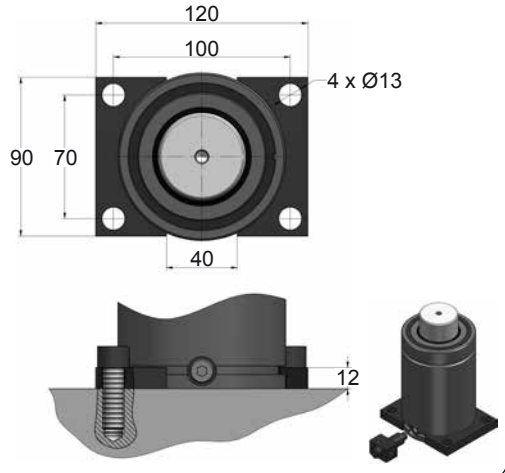
# KZ 4200 MOUNTS

Compact Height

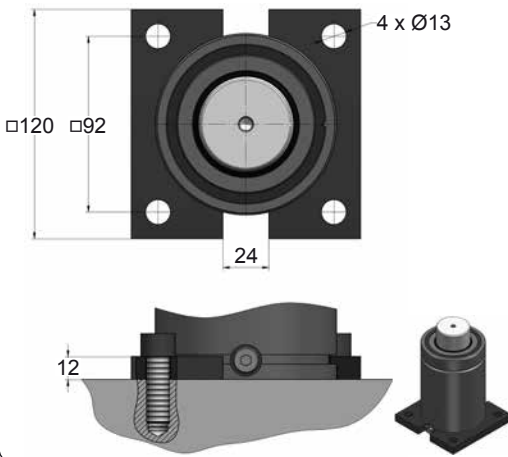
## B98-095



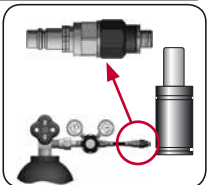
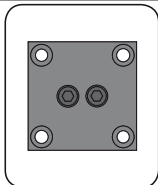
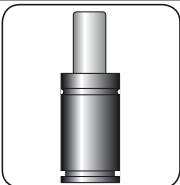
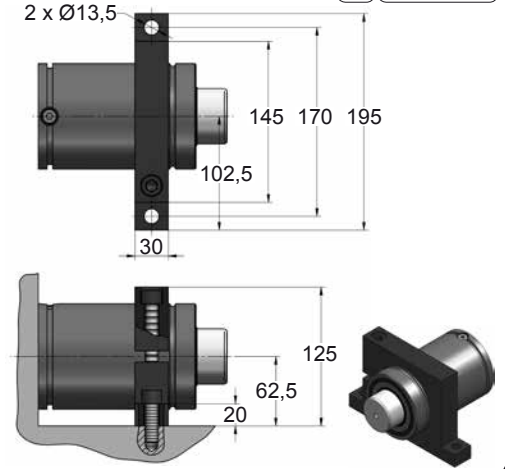
## C05-095



## C20-095



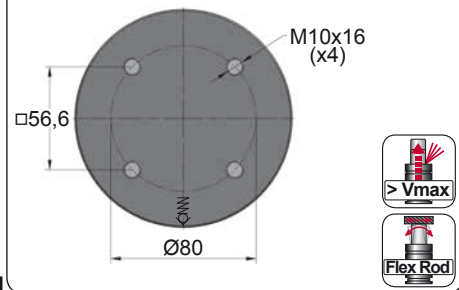
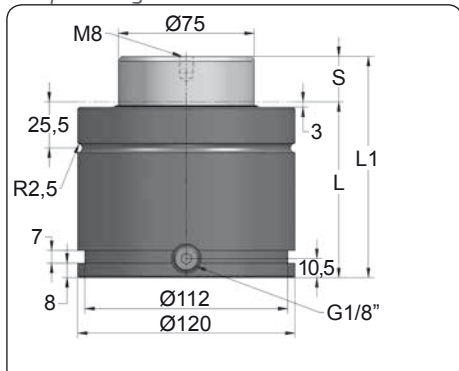
## D02-095



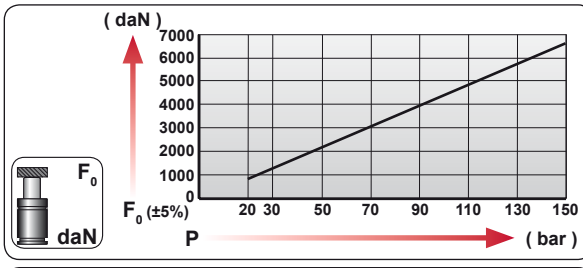
CODE	KZ 4200 050	KIT S-XXXXXXX KIT C-XXXXXXX	B98-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

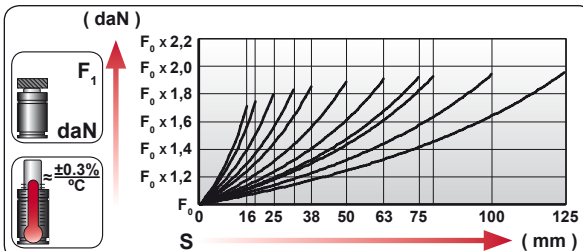
Compact Height



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



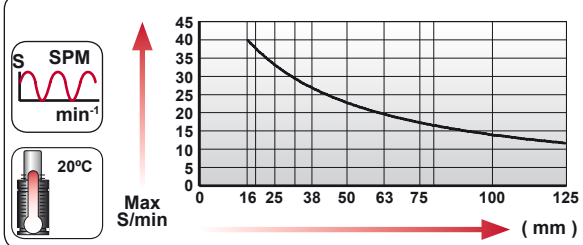
CODE		Pressure			
		bar	psi		
KZ 6600 050		150	2175	6630	10990
KZ-H 6600 050		0	0	---	---



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

**KZ 6600 50**

**KZ 6600 50**



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N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

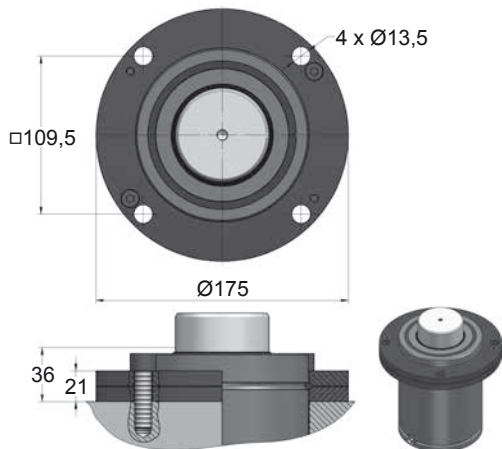


# KZ 6600 MOUNTS

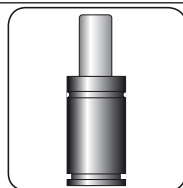
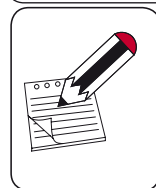
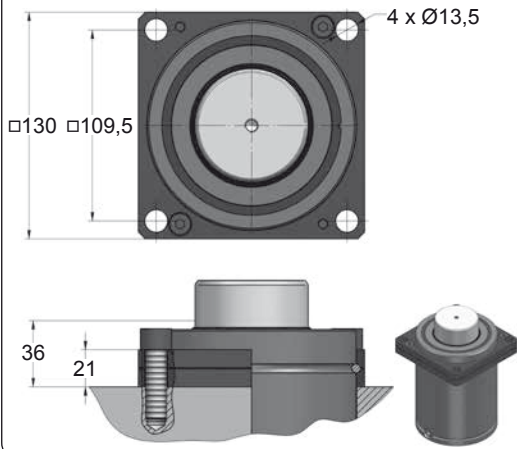
Compact Height

	<b>Ø120</b>	<b>Ø120</b>	<b>Ø120</b>	<b>Ø120</b>	<b>Ø120</b>	<b>Ø120</b>	<b>Ø120</b>	
	<b>L1=168</b> <b>L1=172</b>	<b>L1=190</b>	<b>L1=202</b> <b>L1=215</b> <b>L1=240</b>	<b>L1=240</b>	<b>L1=260</b>			
<b>MODEL</b>	<b>X</b>	<b>CW 6600</b> <b>KZ 6600</b>	<b>X</b>	<b>FD 5000</b>	<b>GN 5000</b> <b>CM 6500</b> <b>CD 6600</b>	<b>AG 5000</b>	<b>X</b>	<b>CS 11800</b>
<b>SERIES</b>	<b>MINI</b>	<b>COMPACT HEIGHT</b>	<b>THREADED</b>	<b>LOW PROFILE</b>	<b>HEAVY DUTY</b>	<b>ISO</b>	<b>HEAVY LOAD</b>	<b>POWER COMPACT STROKE</b>

## A14-120



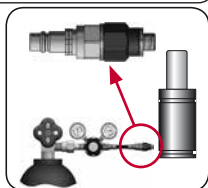
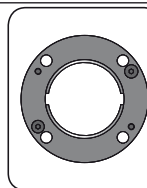
## A34-120



**SEAL KIT S-XXXXXXX**

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XXXXXXXXXX  
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**CARTRIDGE KIT C-XXXXXXX**



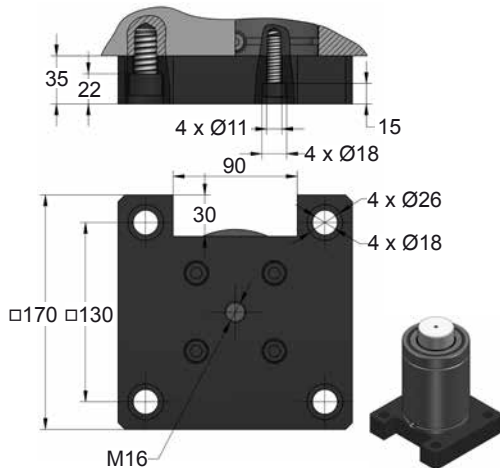
<b>CODE</b>	<b>KZ 6600 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-120</b>	<b>18 CG 1-Q</b>
<b>ENG ORDER</b>	<b>GAS SPRING</b>	<b>REPAIR KIT</b>	<b>FLANGE</b>	<b>CHARGING ADAPTER</b>
<b>DEU BESTELLUNG</b>	<b>GASDRUCKFEDER</b>	<b>ERSATZTEILSATZ</b>	<b>FLANSCHEN</b>	<b>LADEADAPTER</b>
<b>FRA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

# KZ 6600 MOUNTS

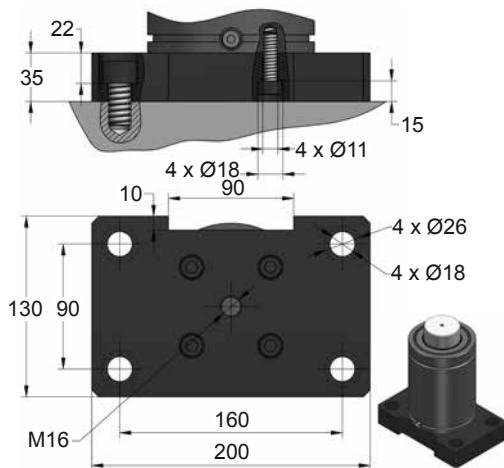
Compact Height

**AZOL  
GAS**

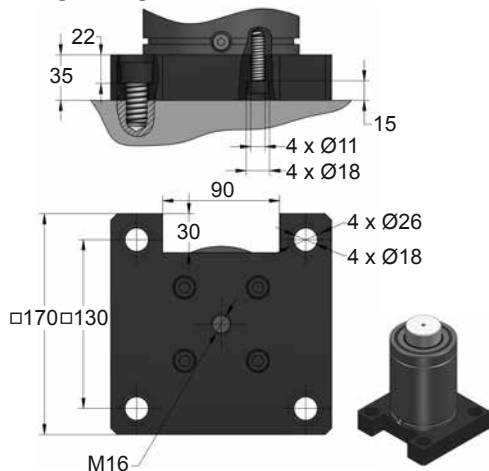
## B13-120



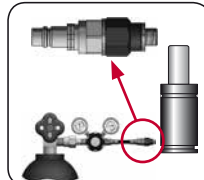
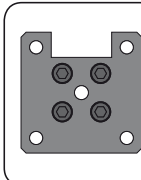
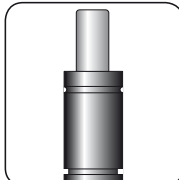
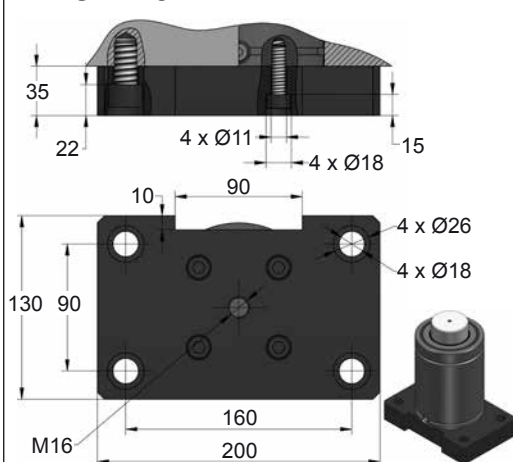
## B18-120



## B23-120



## B28-120



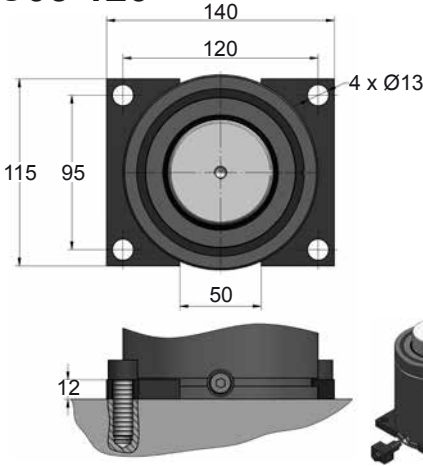
CODE	KZ 6600 050	KIT S-XXXXXXX KIT C-XXXXXXX	B13-120	18 CG 1-Q
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA	ADAPTADOR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



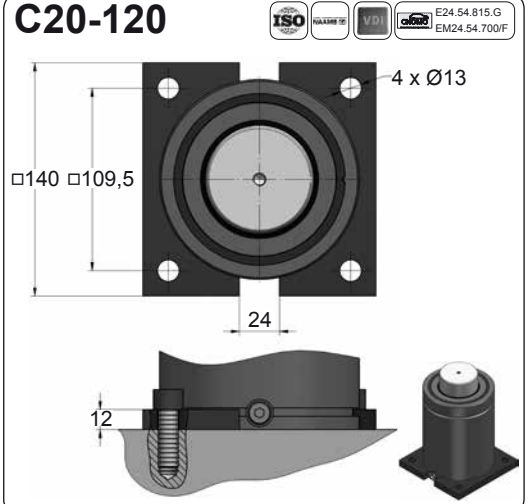
# KZ 6600 MOUNTS

Compact Height

## C05-120



## C20-120

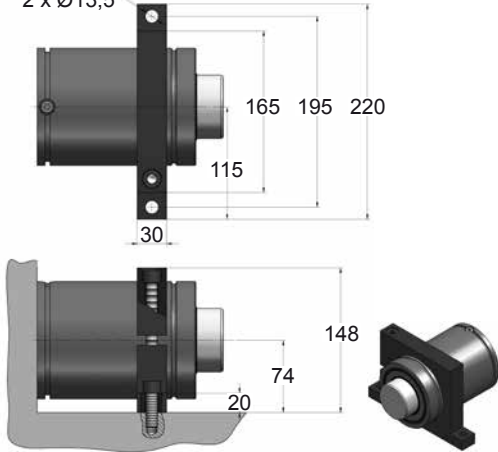


ISO 9001 ISO 9002 VDI E24.54.815.G EM24.54.700F

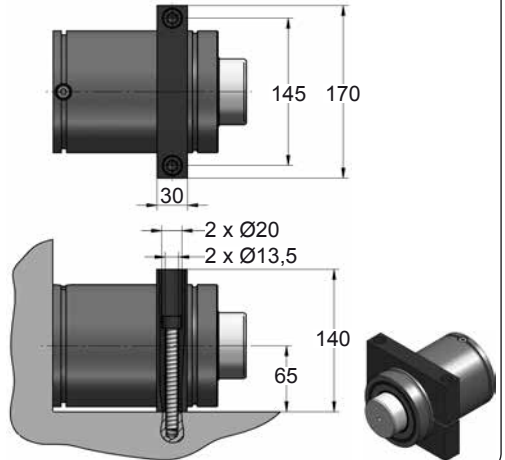
## D02-120

2 x Ø13,5

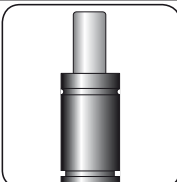
ISO 9001 E24.54.815.G EM24.54.700F



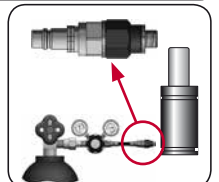
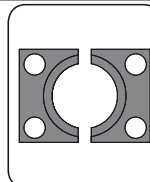
## D67-120



VDI



SEAL KIT S-XXXXXXX  
CARTRIDGE KIT C-XXXXXXX



CODE	KZ 6600 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-120	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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 COMPACT HEIGHT MEDIUM

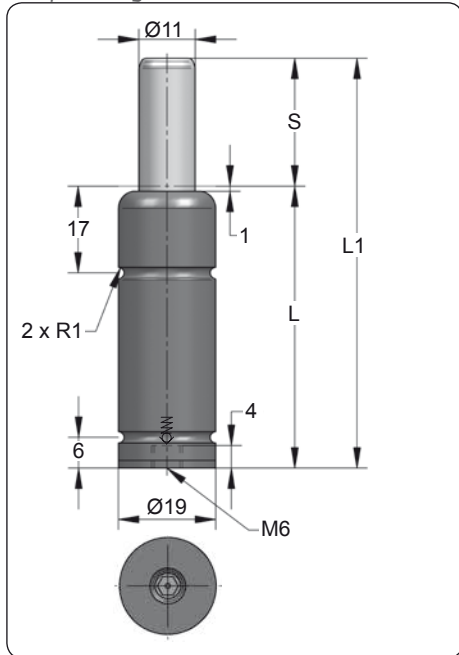
MODEL	F <sub>0</sub>	Ø	S	L1	Pmax	Charge Port		
CW 170 V1	170	Ø19	7 - 125	44 - 285	180	M6	✗	✗
CW 320 V1	320	Ø25	7 - 125	44 - 285	180	M6	✗	✗
CW 350 V1	350	Ø32	10 - 125	50 - 280	180	M6	✓	✓
CW 500 V1	500	Ø38	10 - 125	50 - 280	150	M6	✓	✓
CW 750 V1	750	Ø45	10 - 125	52 - 282	150	M6	✓	✓
CWC 750 V2	750	Ø45	10 - 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	5 - 125	55 - 295	150	M6	✓	✓
CWC 2400 V2	2400	Ø75	10 - 125	75 - 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"	✓	✓

	50	50	50	50	50	50	50	50
	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50
	L1=138 L1=152	L1=138	L1=138 L1=150 L1=150	L1=170 L1=185 L1=195	L1=195	L1=165 L1=175	L1=220	
	1000 1000	1000	1000 1000 750	750 1000 1000	750	1700 2000	1800	
MODEL	✗	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

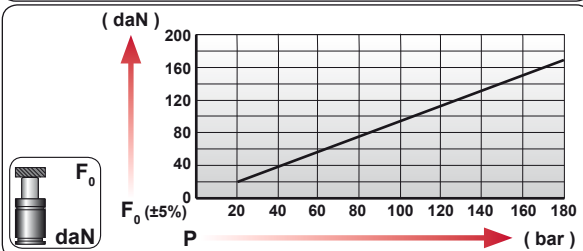
# CW 170 V1

Compact Height

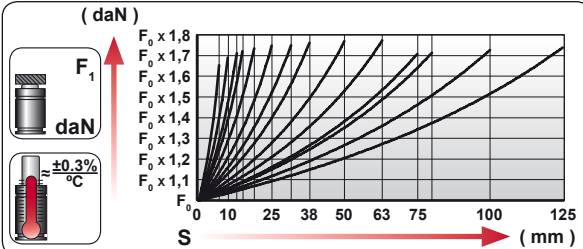
BMW	B2 4005		
MB	B8 3180 220 000 004		
VW	39D 997		



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



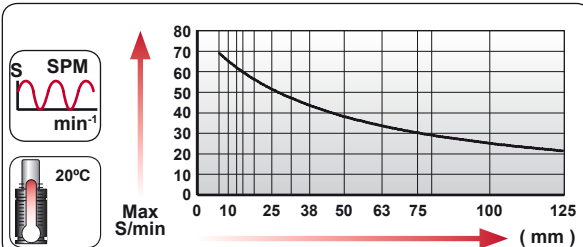
CODE		bar	psi	F <sub>0</sub> daN	F <sub>1</sub> daN
CW 170 050 V1		180	2610	170	340
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ENG ORDER  
 DEU BESTELLUNG  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO

F<sub>0</sub> daN  
 S mm

**CW 170 50**  
**CW 170 050 V1**



	S <sub>max</sub> < 100%	v	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	
--	-------------------------	---	-------------------------	-------------------------	------------------	------------------	--

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	
			20 290	180 2610	0 32	80 176	

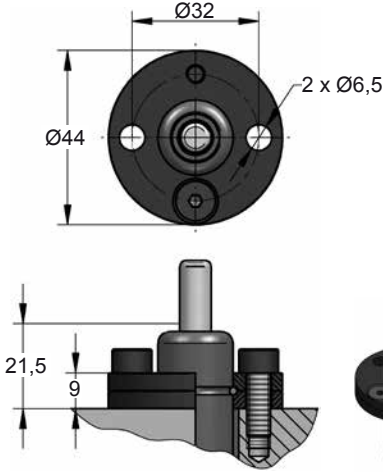




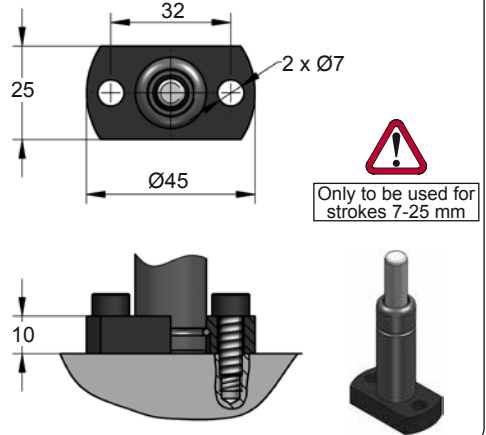
# CW 170 V1 MOUNTS

Compact Height

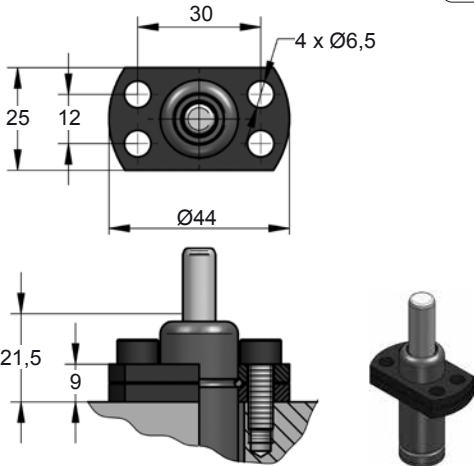
## A14-019



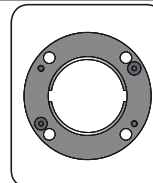
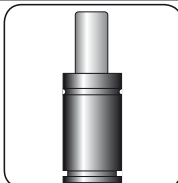
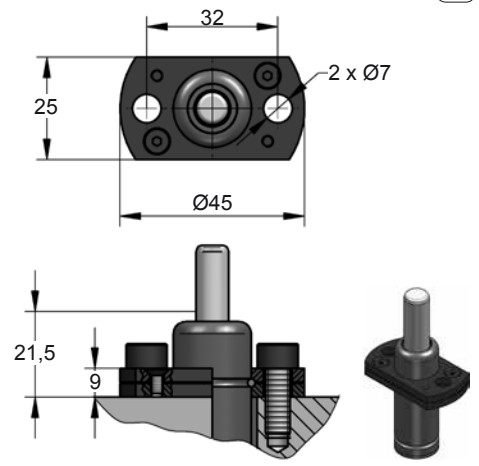
## A19-019



## A44-019



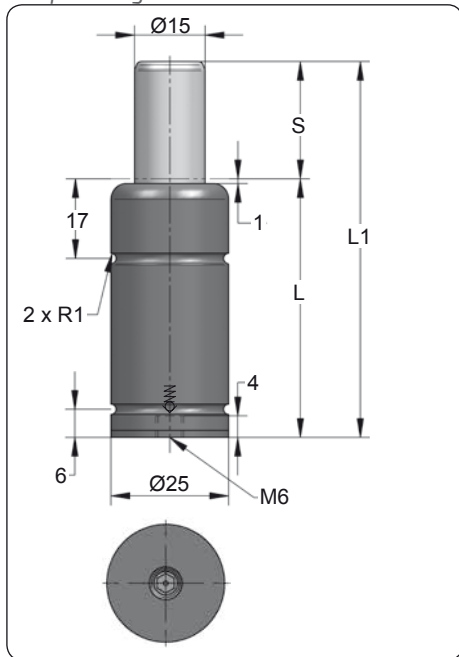
## A59-019



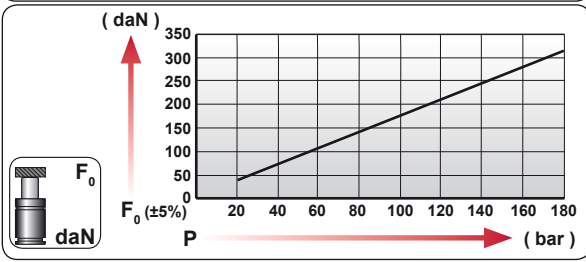
CODE	CW 170 050 V1	<b>X</b>	A14-019	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# CW 320 V1

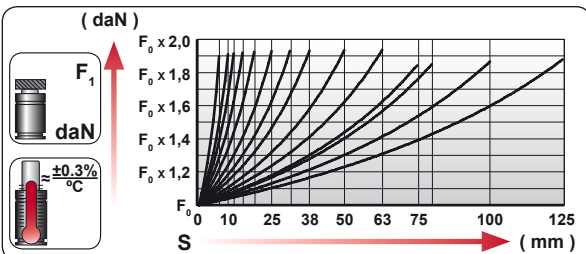
Compact Height



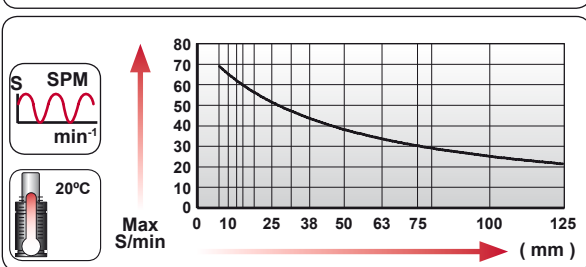
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CW 320 007 V1	7	44	37	0.13
CW 320 010 V1	10	50	40	0.14
CW 320 012 V1	12	54	42	0.14
CW 320 015 V1	15	60	45	0.15
CW 320 019 V1	19	68	49	0.16
CW 320 025 V1	25	80	55	0.17
CW 320 032 V1	32	94	62	0.20
CW 320 038 V1	38	106	68	0.23
CW 320 050 V1	50	130	80	0.26
CW 320 063 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



CODE				
		bar psi	daN	daN
CW 320 050 V1		180 2610	320	670
-----		-----	-----	-----



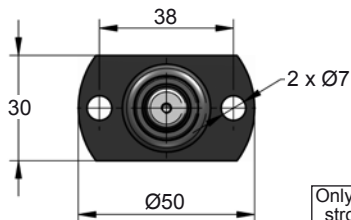
	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CW 320	50
		CW 320 050 V1	



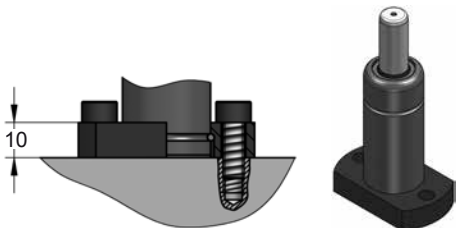
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	180 2610	0 32	80 176		

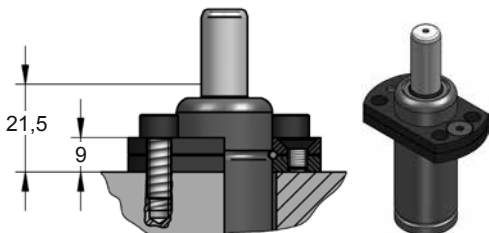
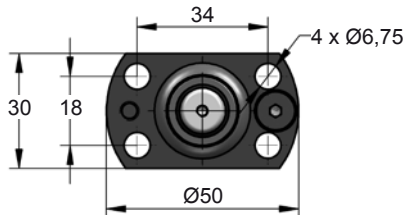
## A19-025



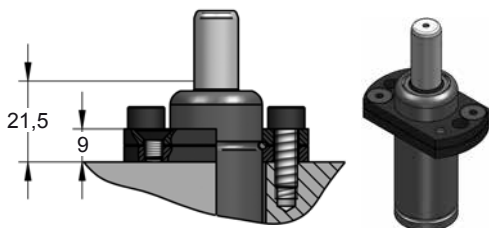
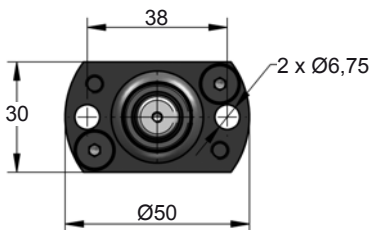
Only to be used for strokes 7-25 mm



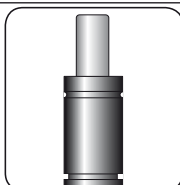
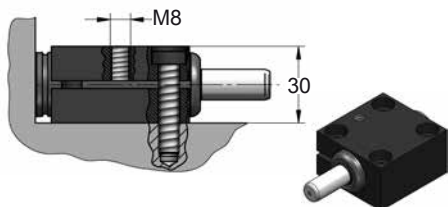
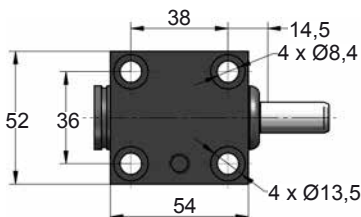
## A44-025



## A49-025



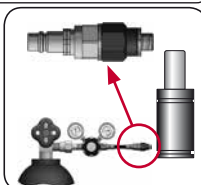
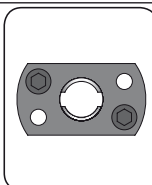
## D02-025



SEAL  
KIT S-XXXXXXX



CARTRIDGE  
KIT C-XXXXXXX

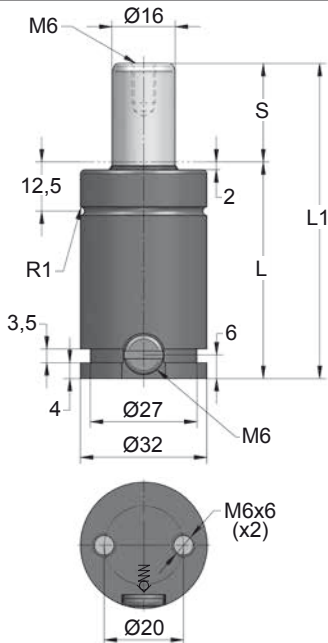


CODE	CW 320 050 V1	<b>X</b>	A19-025	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

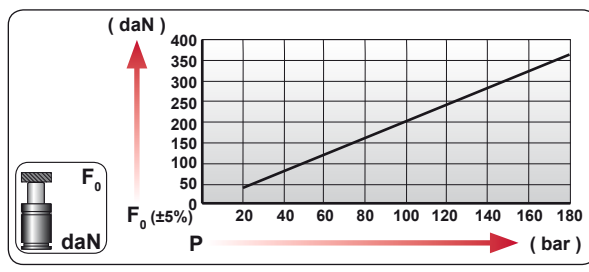
# CW 350 V1

Compact Height

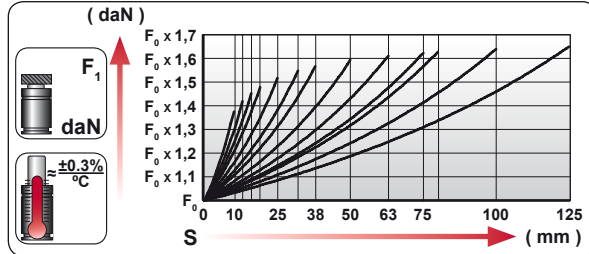
BMW B2 4005	FORD W-DX35-6204	
MB B8 3180 220 000 004		
VW 39D 997		



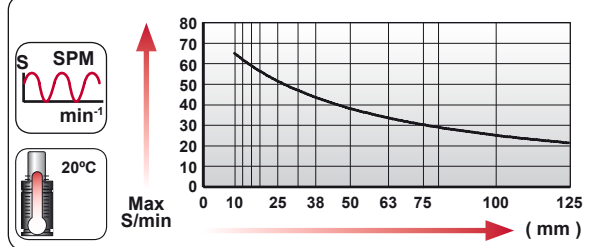
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CW 350 010 V1	10	50	40	0.18
CW 350 013 V1	13	56	43	0.19
CW 350 016 V1	16	62	46	0.20
CW 350 019 V1	19	68	49	0.21
CW 350 025 V1	25	80	55	0.23
CW 350 032 V1	32	94	62	0.26
CW 350 038 V1	38	106	68	0.28
CW 350 050 V1	50	130	80	0.32
CW 350 063 V1	63	156	93	0.36
CW 350 075 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



CODE					
		bar	psi		
CW 350 050 V1		180	2610	360	575
CW-H 350 050 V1		0	0	---	---



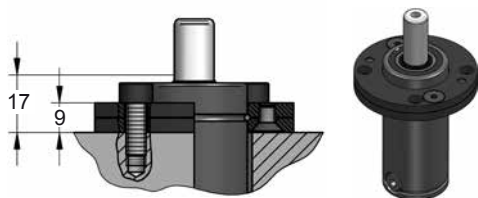
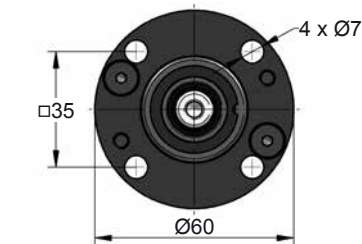
	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CW 350	50
		CW 350 050 V1	



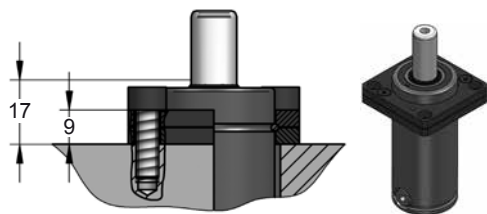
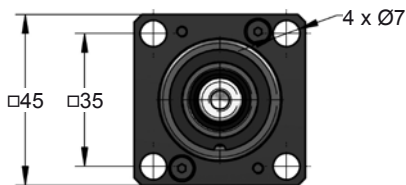
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	180 2610	0 32	80 176	

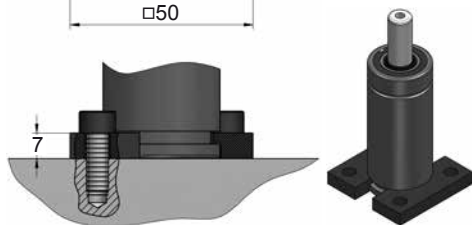
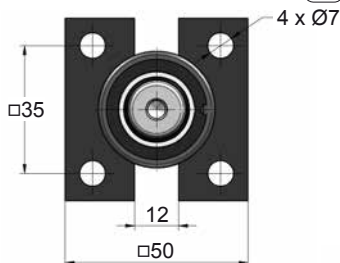
## A14-032



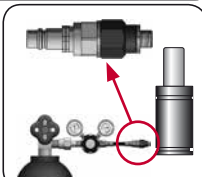
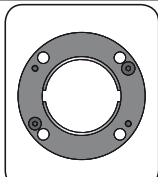
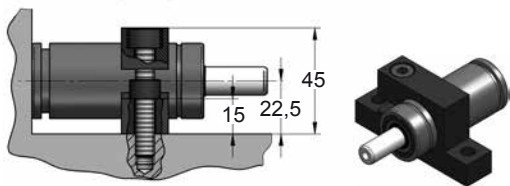
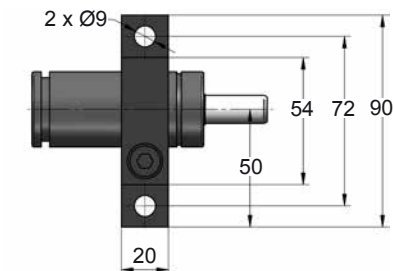
## A34-032



## C20-032



## D02-032

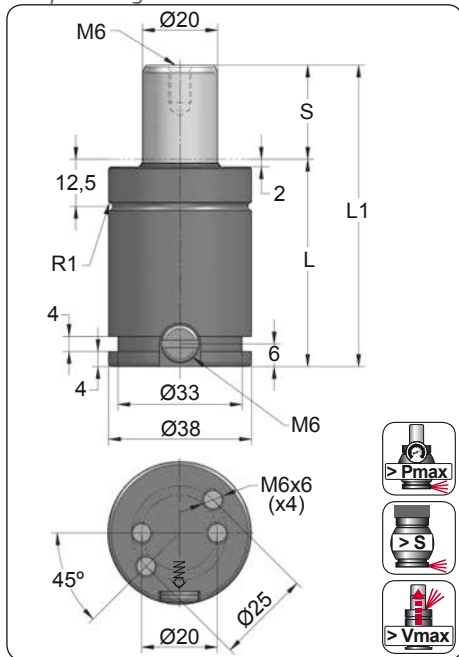


CODE	CW 350 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-032	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

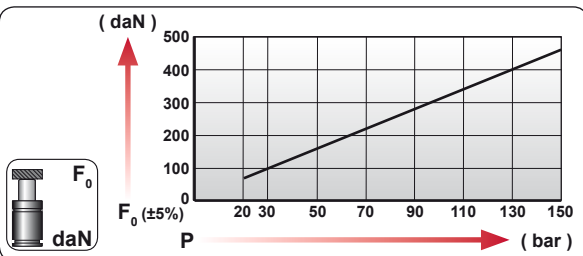
# CW 500 V1

Compact Height

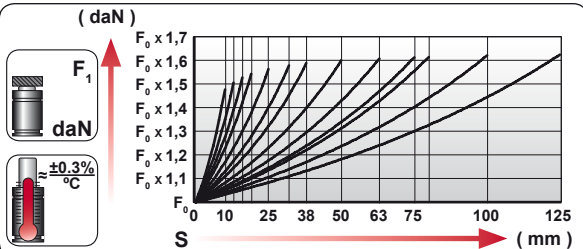
BMW B2 4005	FORD W-DX35-6204	PSA E24.54.815.G
MB B8 3180 220 000 004		
VW 39D 997		NISSAN K32H



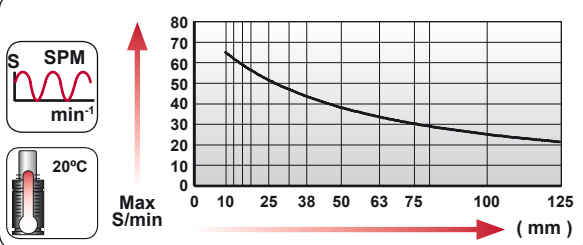
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CW 500 010 V1	10	50	40	0.25
CW 500 013 V1	13	56	43	0.26
CW 500 016 V1	16	62	46	0.27
CW 500 019 V1	19	68	49	0.28
CW 500 025 V1	25	80	55	0.31
CW 500 032 V1	32	94	62	0.33
CW 500 038 V1	38	106	68	0.36
CW 500 050 V1	50	130	80	0.41
CW 500 063 V1	63	156	93	0.46
CW 500 075 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



CODE	Pressure (bar)	Pressure (psi)	F <sub>0</sub> (daN)	F <sub>1</sub> (daN)
CW 500 050 V1	150	2175	470	750
CW-H 500 050 V1	0	0	---	---



<p>ENG ORDER</p> <p>DEU BESTELLUNG</p> <p>FRA COMMANDE</p> <p>ITA ORDINE</p> <p>ESP PEDIDO</p> <p>POR PEDIDO</p>	<p>F<sub>0</sub> (daN)</p> <p>S (mm)</p>
<p>CW 500 50</p>	<p>CW 500 050 V1</p>



--	--	--	--	--	--	--	--

N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	



# CW 500 V1 MOUNTS

Compact Height

### A14-038

ISO 9001 ISO 9002 E24.54.815.G EM24.54.700F

### A34-038

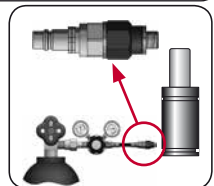
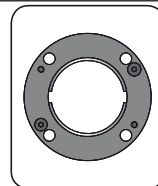
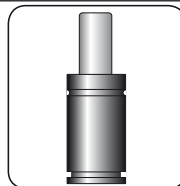
ISO 9001 VDI E24.54.815.G

### C20-038

ISO 9001 ISO 9002 VDI E24.54.815.G EM24.54.700F

### D02-038

colson E24.54.815.G

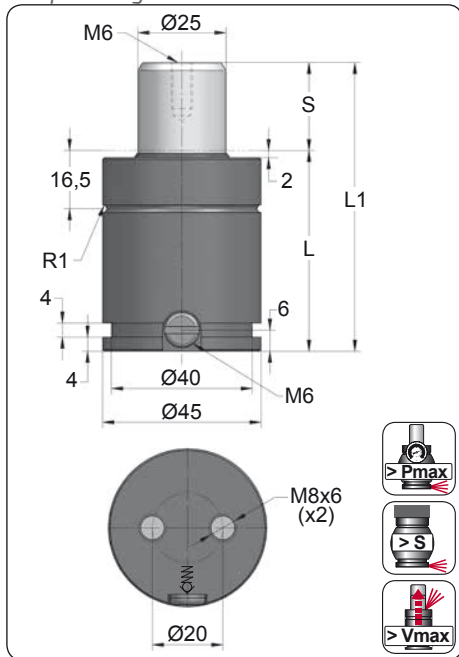


CODE	CW 500 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-038	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

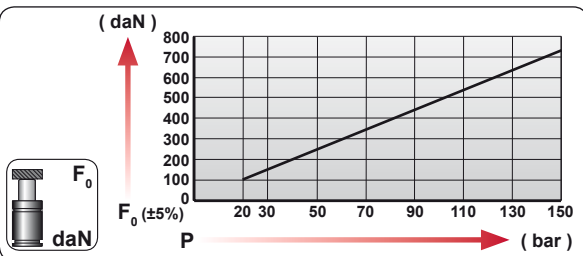
# CW 750 V1

Compact Height

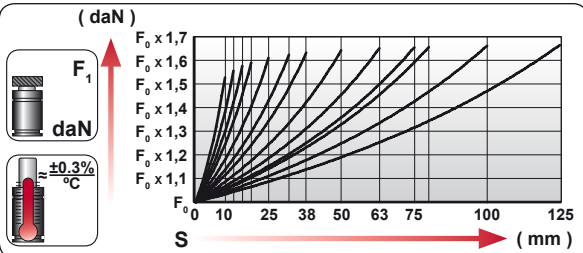
BMW B2 4005	FORD W-DX35-6204	PSA E24.54.815.G
MB B8 3180 220 000 004		
VW 39D 997		



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

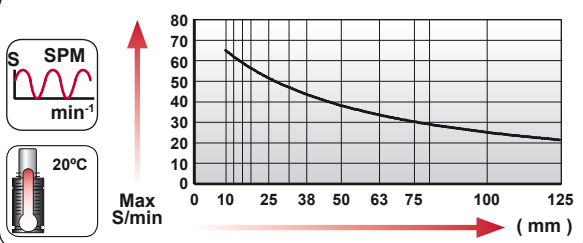


CODE	Pressure (bar)	Pressure (psi)	Force (daN)	Force (daN)
CW 750 050 V1	150	2175	740	1215
CW-H 750 050 V1	0	0	---	---



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

CW 750 50  
 CW 750 050 V1



N<sub>2</sub>      Smax < 90%      Vmax 1,6 m/s      Pmin (20°C)      Pmax (20°C)      Tmin      Tmax

N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	



<b>MODEL</b>	<b>X</b>	<b>CW 750</b> <b>KZ 750</b>	<b>AS 700</b>	<b>CK 750</b> <b>FD 500</b>	<b>CM 600</b> <b>CD 700</b>	<b>APF 500</b>	<b>CPH 1250</b>	<b>X</b>	
<b>SERIES</b>	<b>MINI</b>	<b>COMPACT HEIGHT</b>	<b>THREADED</b>	<b>LOW PROFILE</b>	<b>HEAVY DUTY</b>	<b>ISO</b>	<b>HEAVY LOAD</b>	<b>POWER COMPACT STROKE</b>	

**CW**

**KRM6**      **BK**

**CWC**

**DRM8**

**TNRR**

**9RM8**

**MCRR**

**7RM8**

**TFRR**

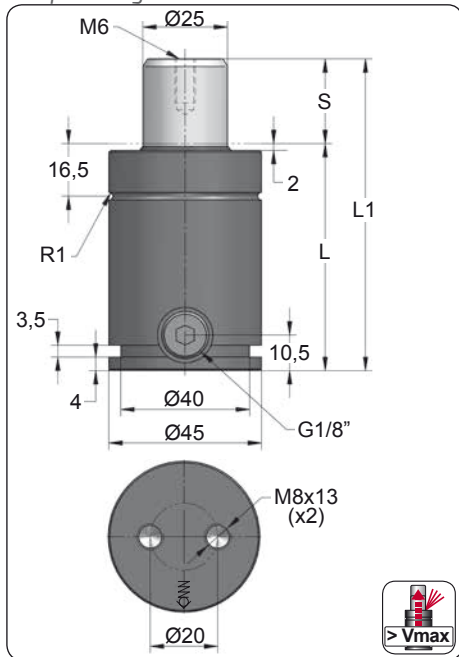
**SKK**

**SGS**

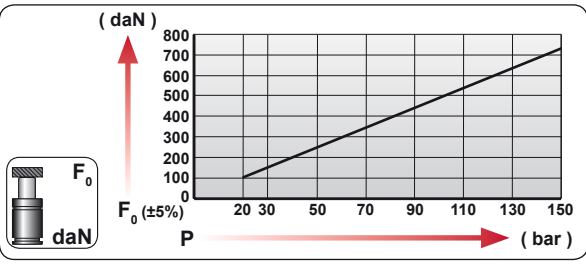
<b>CODE</b>	<b>CW 750 050 V1</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-045</b>	<b>06 CG 2-Q</b>
<b>ENG ORDER</b>	<b>GAS SPRING</b>	<b>REPAIR KIT</b>	<b>FLANGE</b>	<b>CHARGING ADAPTER</b>
<b>DEU BESTELLUNG</b>	<b>GASDRUCKFEDER</b>	<b>ERSATZTEILSATZ</b>	<b>FLANSCH</b>	<b>LADEADAPTER</b>
<b>FRA COMMANDE</b>	<b>RESSORT À GAZ</b>	<b>KIT DE RÉPARATION</b>	<b>BRIDE</b>	<b>RACCORD DE CHARGE</b>
<b>ITA ORDINE</b>	<b>CILINDRO AD AZOTO</b>	<b>KIT DI MANUTENZIONE</b>	<b>FLANGE</b>	<b>ADATTATORE DI CARICO</b>
<b>ESP PEDIDO</b>	<b>RESORTE DE GAS</b>	<b>KIT DE REPARACION</b>	<b>BRIDA</b>	<b>ADAPTADOR DE CARGA</b>
<b>POR PEDIDO</b>	<b>CILINDRO DE GÁS</b>	<b>KIT DE MANUTENÇÃO</b>	<b>FLANGE</b>	<b>ADAPTADOR DE CARGA</b>

# CWC 750 V2

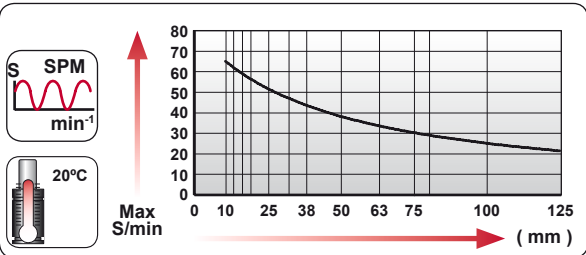
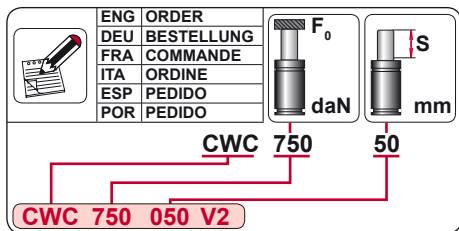
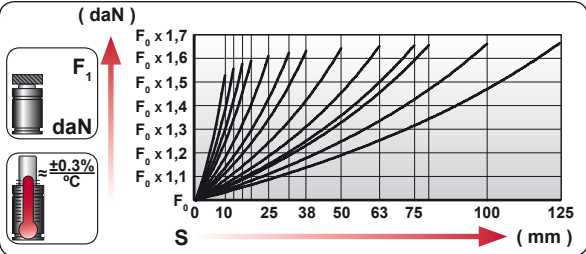
Compact Height



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



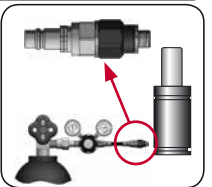
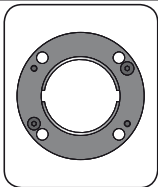
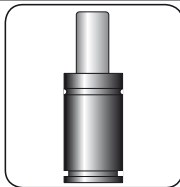
CODE		bar	psi	F <sub>0</sub> daN	F <sub>1</sub> daN
CWC 750 050 V2		150	2175	740	1215
CWC-H 750 050 V2		0	0	---	---



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

	MODEL	CWC 750

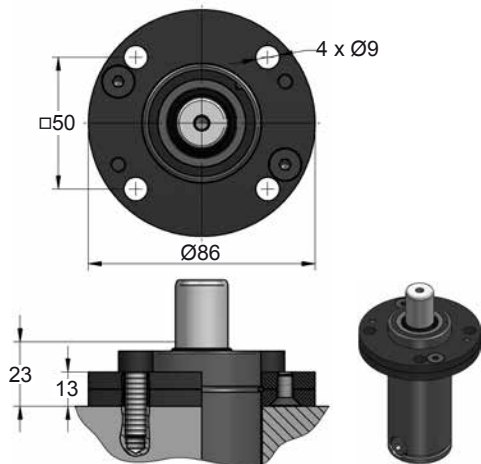
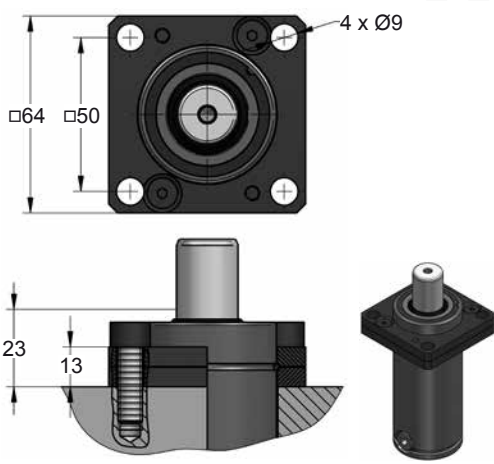
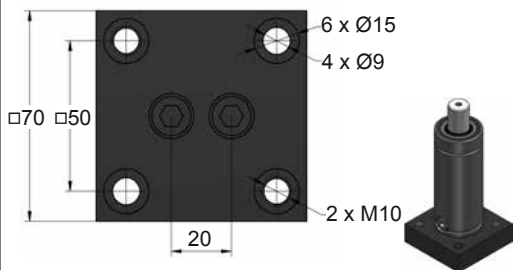
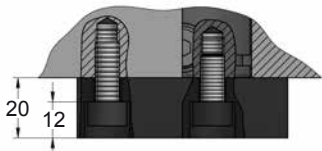
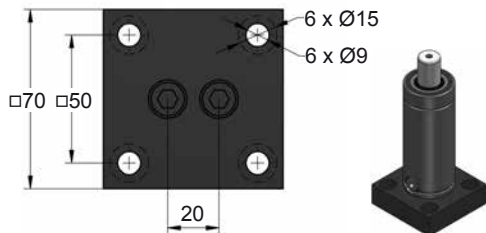
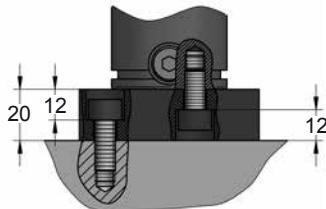
<p><b>CW</b></p>	<p><b>CWC</b></p>
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CODE	CWC 750 050 V2	KIT S-XXXXXXX KIT C-XXXXXXX	A14-045	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

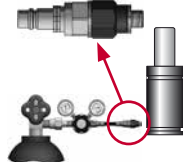
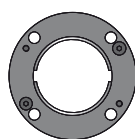
**CW 750 V1/CWC 750 V2 MOUNTS****AZOL  
GAS**

Compact Height

**A14-045**E24.54.815.G  
EM24.54.700F**A34-045****B36-045****B41-045**

**SEAL  
KIT S-XXXXXXX**

**CARTRIDGE  
KIT C-XXXXXXX**



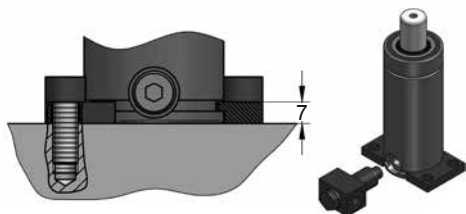
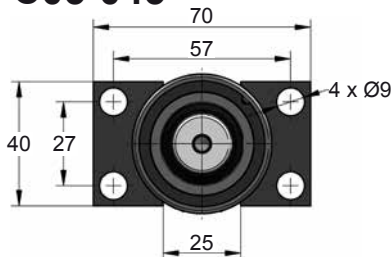
CODE	CWC 750 050 V2	KIT S-XXXXXXX KIT C-XXXXXXX	A14-045	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA



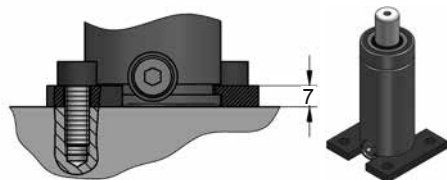
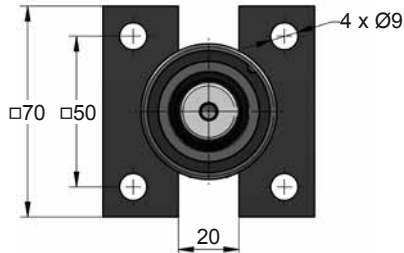
# CW 750 V1/CWC 750 V2 MOUNTS

Compact Height

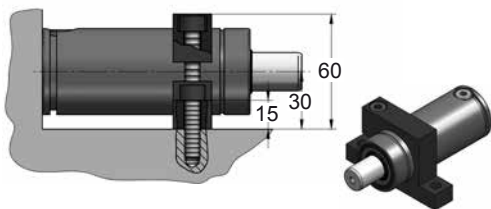
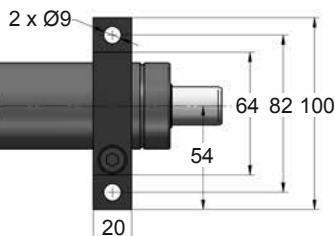
## C05-045



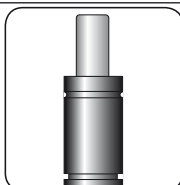
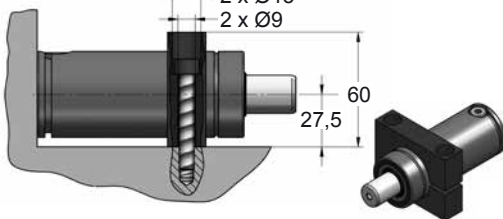
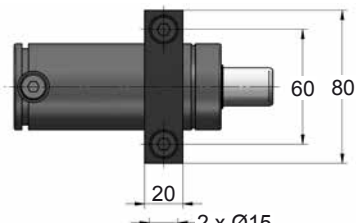
## C20-045



## D02-045



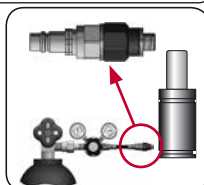
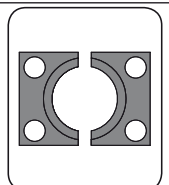
## D67-045



SEAL KIT S-XXXXXXX



CARTRIDGE KIT C-XXXXXXX

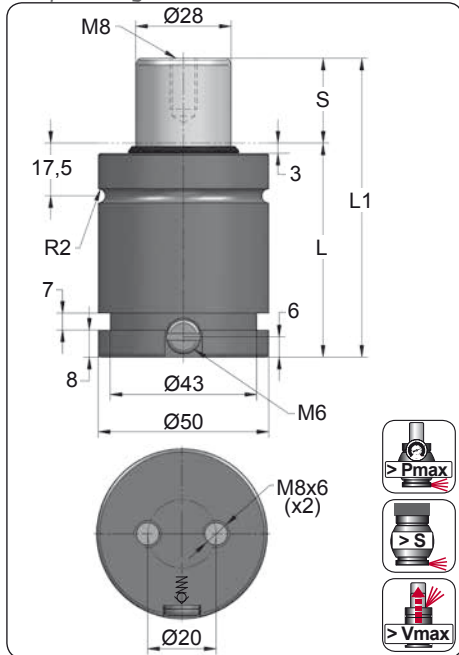


CODE	CWC 750 050 V2	KIT S-XXXXXXX KIT C-XXXXXXX	C05-045	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

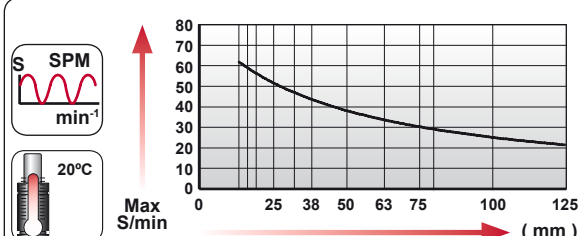
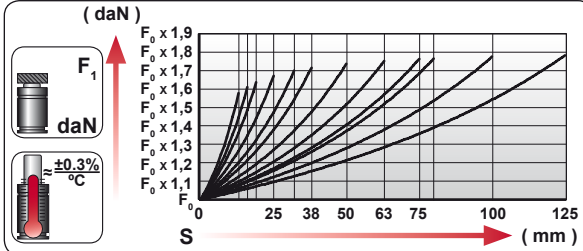
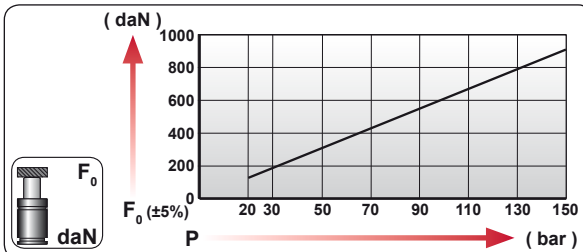
# CW 1000 V2

Compact Height

BMW B2 4005	FORD W-DX35-6204	PSA E24.54.815.G
MB B8 3180 220 000 004		
VW 39D 997		



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



CODE	Pressure (bar/psi)	F <sub>0</sub> (daN)	F <sub>1</sub> (daN)
CW 1000 050 V2	150 / 2175	920	1600
CW-H 1000 050 V2	0 / 0	---	---

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

F<sub>0</sub> daN  
 S mm

**CW 1000 50**

**CW 1000 050 V2**

	S <sub>max</sub> < 100%	V	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	
--	-------------------------	---	-------------------------	-------------------------	------------------	------------------	--

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

	50	50	50	50	50	50	50	50
	<b>Ø50</b>	<b>Ø50</b>	<b>Ø50</b>	<b>Ø50</b>	<b>Ø50</b>	<b>Ø50</b>	<b>Ø50</b>	<b>Ø50</b>
	<b>L1=138</b> <b>L1=152</b>	<b>L1=138</b>	<b>L1=138</b> <b>L1=150</b> <b>L1=150</b>	<b>L1=170</b> <b>L1=185</b> <b>L1=195</b>	<b>L1=195</b>	<b>L1=165</b> <b>L1=175</b>	<b>L1=165</b> <b>L1=175</b>	<b>L1=220</b>
<b>MODEL</b>	<b>X</b>	<b>CW 1000</b> <b>KZ 1000</b>	<b>AS 1000</b>	<b>CT 750</b> <b>CK 1000</b> <b>FD 750</b>	<b>GN 750</b> <b>CM 1000</b> <b>CD 1000</b>	<b>AG 750</b>	<b>CPH 1700</b> <b>CP 2000</b>	<b>CS 1800</b>
<b>SERIES</b>	<b>MINI</b>	<b>COMPACT HEIGHT</b>	<b>THREADED</b>	<b>LOW PROFILE</b>	<b>HEAVY DUTY</b>	<b>ISO</b>	<b>HEAVY LOAD</b>	<b>POWER COMPACT STROKE</b>

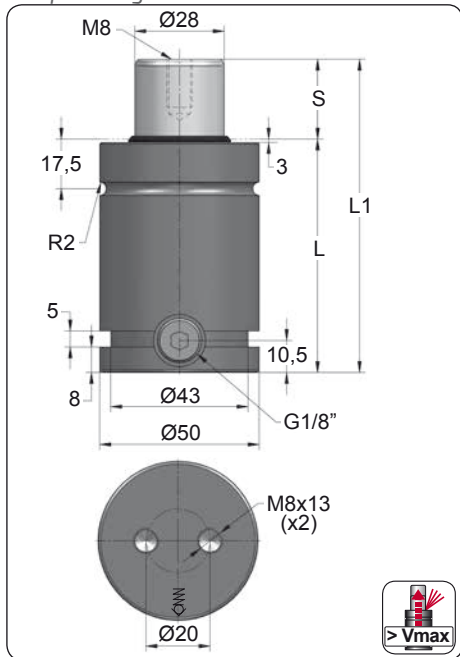
<b>CW</b>	<b>CWC</b>

		<b>SEAL KIT S-XXXXXXX</b>		
		<b>CARTRIDGE KIT C-XXXXXXX</b>		

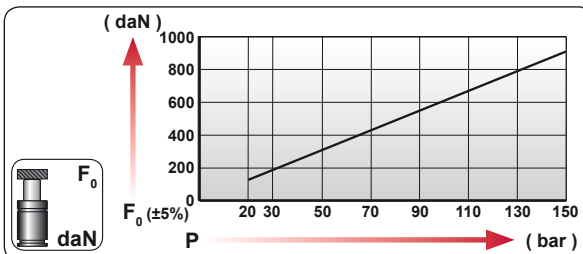
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<b>ENG ORDER</b>	<b>GAS SPRING</b>	<b>REPAIR KIT</b>	<b>FLANGE</b>	<b>CHARGING ADAPTER</b>
<b>DEU BESTELLUNG</b>	<b>GASDRUCKFEDER</b>	<b>ERSATZTEILSATZ</b>	<b>FLANSCH</b>	<b>LADEADAPTER</b>
<b>FRA COMMANDE</b>	<b>RESSORT À GAZ</b>	<b>KIT DE RÉPARATION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

# CWC 1000 V2

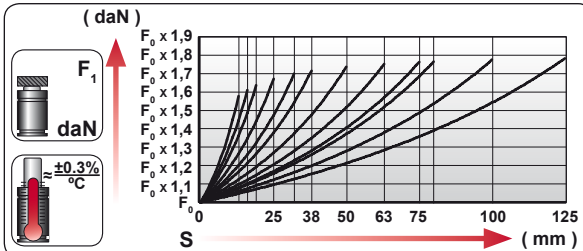
Compact Height



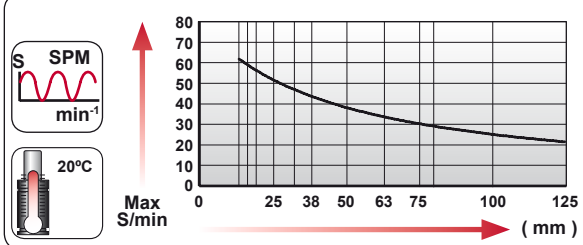
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CWC 1000 013 V2	13	74	61	0.73
CWC 1000 016 V2	16	80	64	0.75
CWC 1000 019 V2	19	86	67	0.78
CWC 1000 025 V2	25	98	73	0.83
CWC 1000 032 V2	32	112	80	0.89
CWC 1000 038 V2	38	124	86	0.94
CWC 1000 050 V2	50	148	98	1.04
CWC 1000 063 V2	63	174	111	1.15
CWC 1000 075 V2	75	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		
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		
		daN	mm
		<b>CWC 1000</b>	<b>50</b>
		<b>CWC 1000 050 V2</b>	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176



	MODEL	CWC 1000

<p><b>CW</b></p>	<p><b>CWC</b></p>
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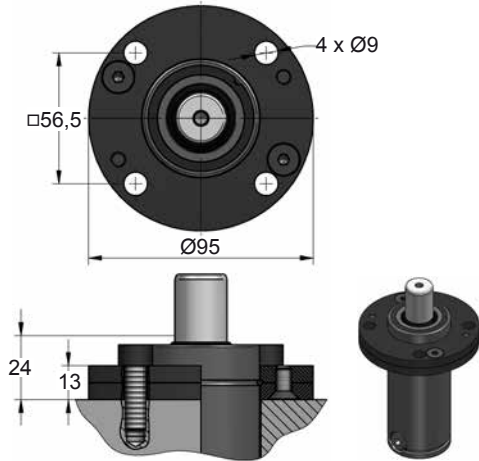
CODE	CWC 1000 050 V2	KIT S-XXXXXXX KIT C-XXXXXXX	A14-050	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

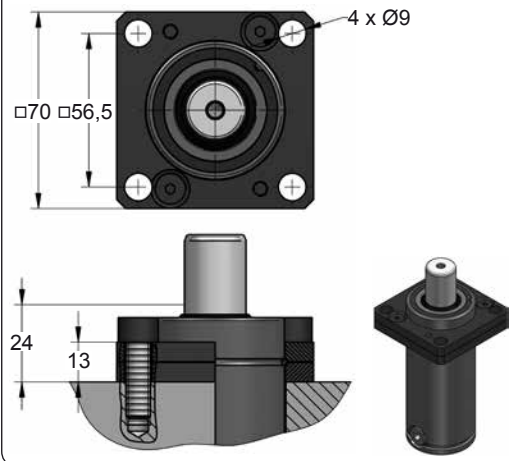
Compact Height

**AZOL  
GAS**

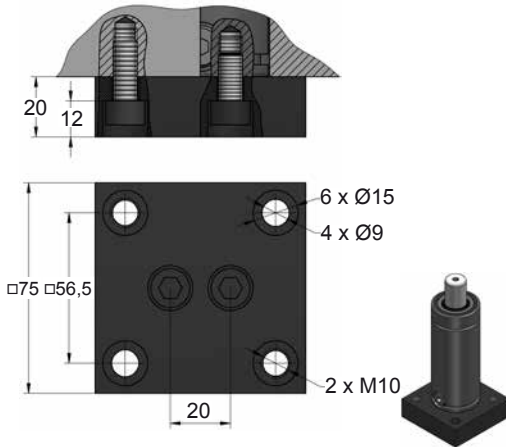
## A14-050



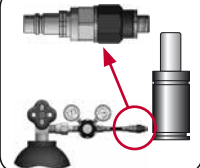
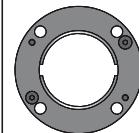
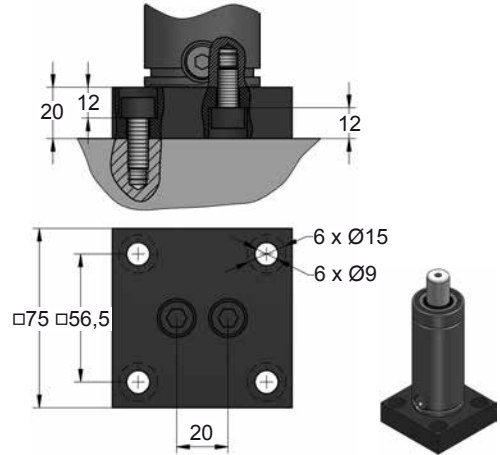
## A34-050



## B36-050

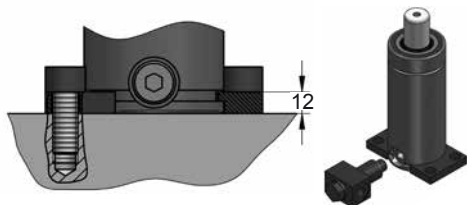
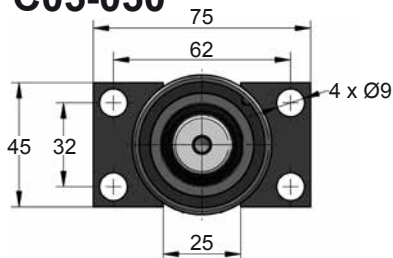


## B41-050

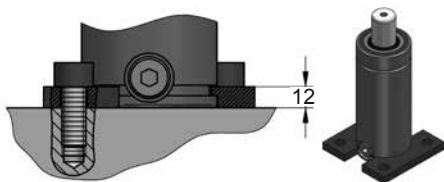
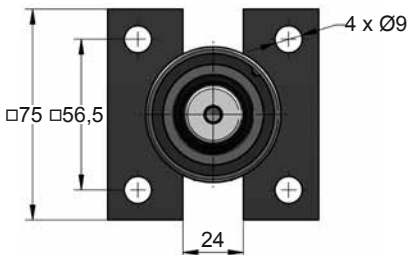


CODE	CWC 1000 050 V2	KIT S-XXXXXXX KIT C-XXXXXXX	A14-050	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

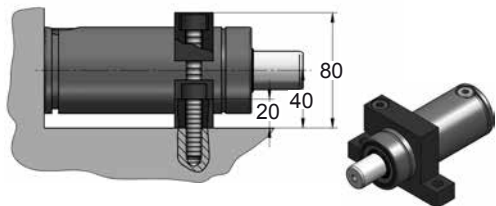
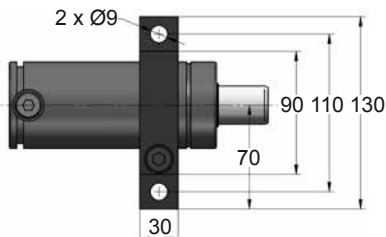
## C05-050



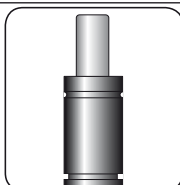
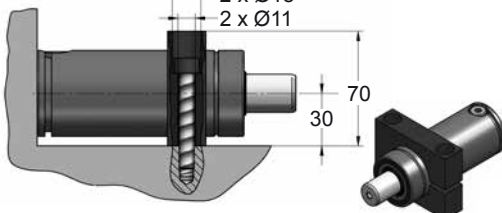
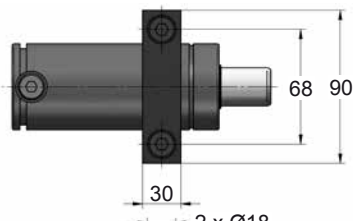
## C20-050



## D02-050



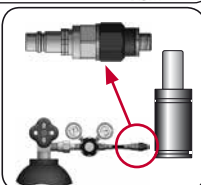
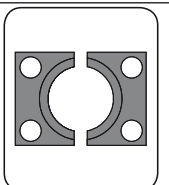
## D67-050



SEAL  
KIT S-XXXXXXX



CARTRIDGE  
KIT C-XXXXXXX

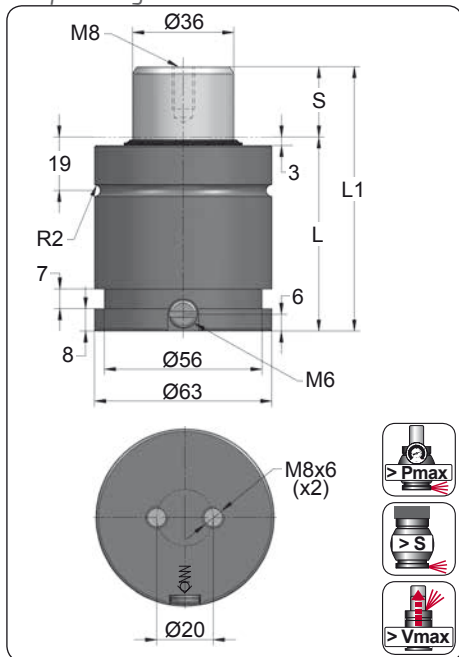


CODE	CWC 1000 050 V2	KIT S-XXXXXXX KIT C-XXXXXXX	C05-050	18 CG 1-Q	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

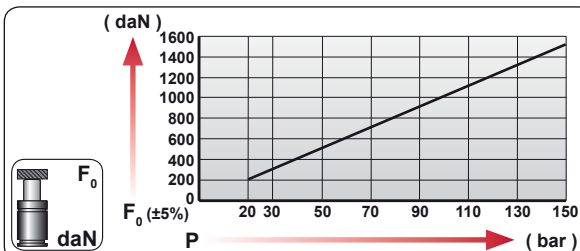
# CW 1500

Compact Height

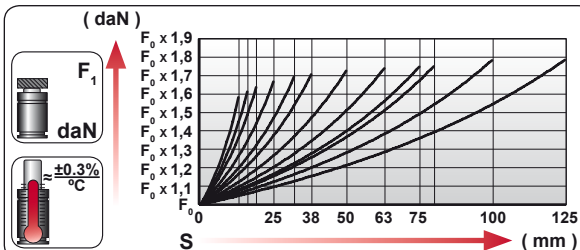
BMW B2 4005	FORD W-DX35-6204	
MB B8 3180 220 000 004		
VW 39D 997		



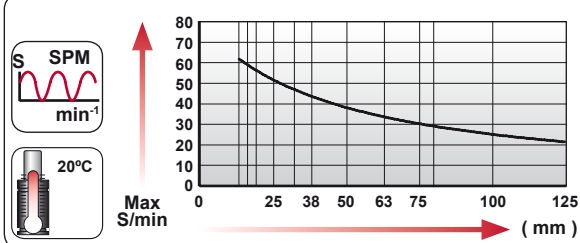
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CW 1500 013	13	70	57	0.99
CW 1500 016	16	76	60	1.02
CW 1500 019	19	82	63	1.06
CW 1500 025	25	94	69	1.14
CW 1500 032	32	108	76	1.23
CW 1500 038	38	120	82	1.31
CW 1500 050	50	144	94	1.46
CW 1500 063	63	170	107	1.63
CW 1500 075	75	194	119	1.78
CW 1500 080	80	204	124	1.85
CW 1500 100	100	244	144	2.11
CW 1500 125	125	294	169	2.43



CODE			$F_0$ (daN)	$F_1$ (daN)
CW 1500 050		bar psi	1530	2640
CW-H 1500 050		0 0	---	---



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO	$F_0$ (daN)	$S$ (mm)
		1500	50
		<b>CW 1500 050</b>	



	$S_{max} < 100\%$	$v$	$P_{min}$ (20°C)	$P_{max}$ (20°C)	$T_{min}$	$T_{max}$	
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N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

<b>MODEL</b>	×	CW 1500 KZ 1500	×	CT 1500 CK 1500	CM 1500 CD 1500	×	CPH 2800 CP 3000	CS 3000
<b>SERIES</b>	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE

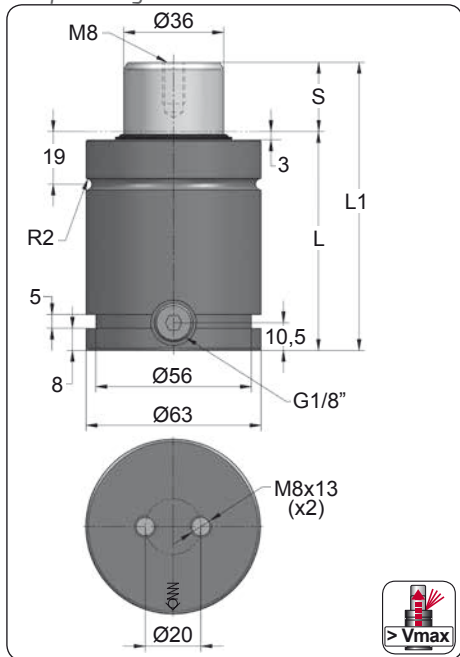
<b>CW</b>	<b>CWC</b>

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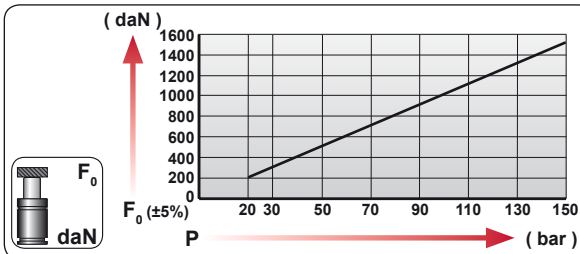
<b>CODE</b>	<b>CW 1500 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-063</b>	<b>06 CG 2-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

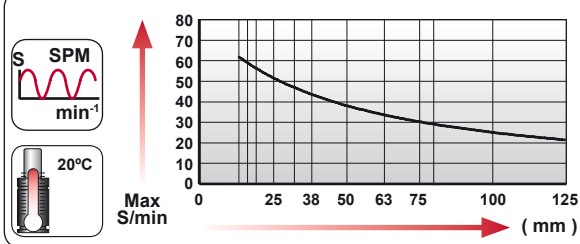
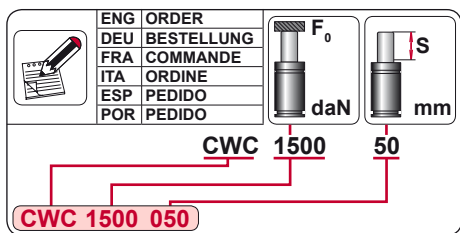
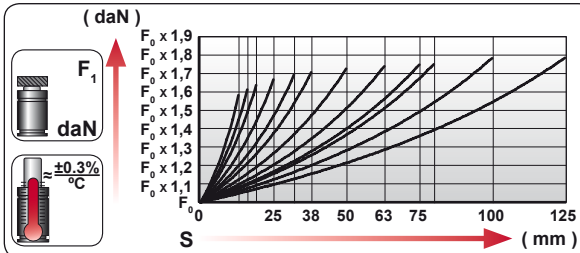
Compact Height



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		Pressure		Force	
		bar	psi	daN	daN
CWC 1500 050		150	2175	1530	2640
CWC-H 1500 050		0	0	---	---



N<sub>2</sub>

S<sub>max</sub> < 90%




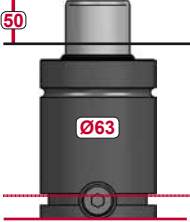
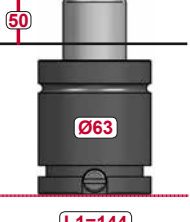
V<sub>max</sub> 1,6 m/s













P<sub>min</sub> (20°C)  
P<sub>max</sub> (20°C)

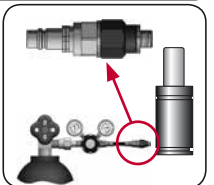
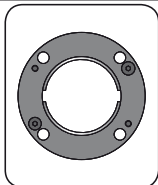
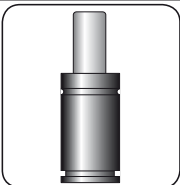
T<sub>min</sub>  
T<sub>max</sub>

600 CP-

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

  	 <p>50</p> <p>Ø63</p> <p>L1=154</p>	 <p>50</p> <p>Ø63</p> <p>L1=144</p>
	MODEL	CWC 1500

<p><b>CW</b></p>  <p><b>CW</b></p>  <p><b>KRM6</b></p>  <p><b>BK</b></p>	<p><b>CWC</b></p>  <p><b>CWC</b></p>  <p><b>DRM8</b></p>  <p><b>TNRR</b></p>  <p><b>9RM8</b></p>  <p><b>MCRR</b></p>  <p><b>7RM8</b></p>  <p><b>TFRR</b></p>  <p><b>SKK</b></p>  <p><b>SGS</b></p>
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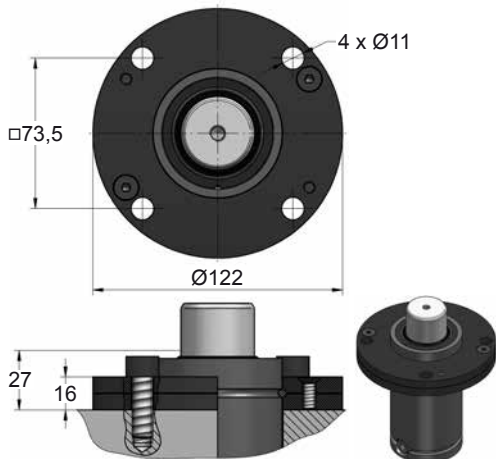
<b>CODE</b>	<b>CWC 1500 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-063</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# CW/CWC 1500 MOUNTS

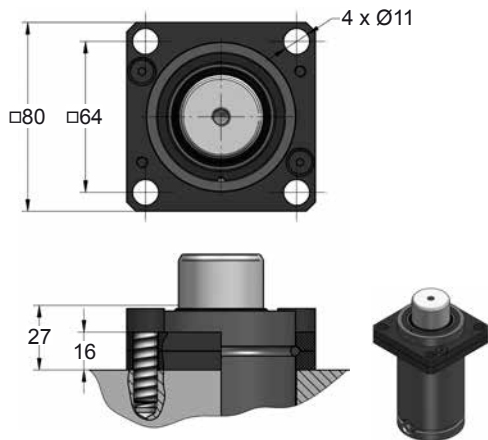
Compact Height

**AZOL**  
GAS

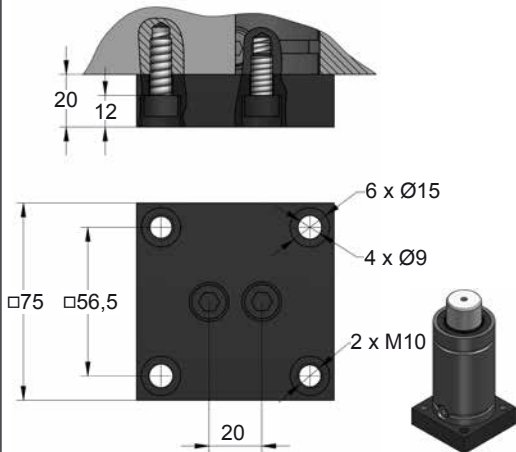
## A14-063



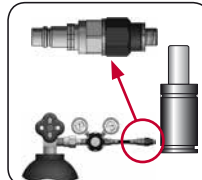
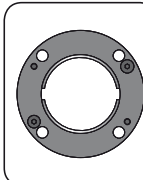
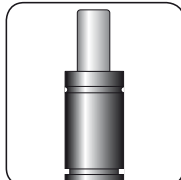
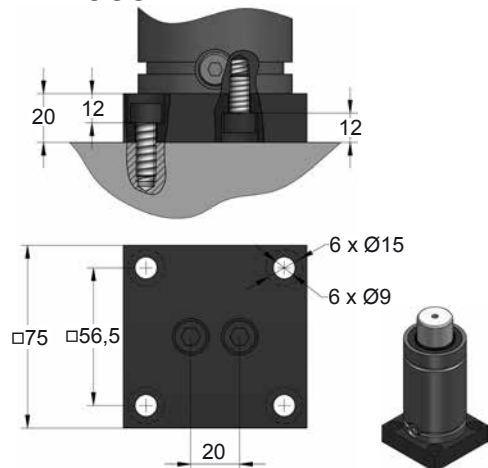
## A69-063



## B36-063



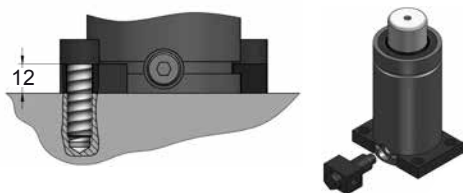
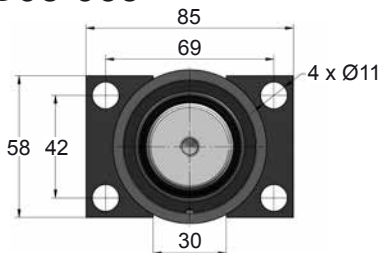
## B41-063



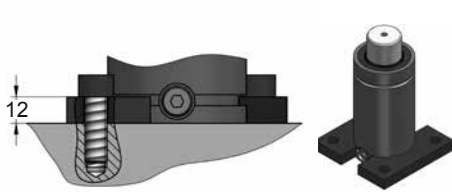
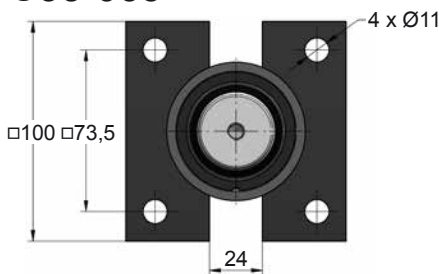
CODE	CWC 1500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-063	18 CG 1-Q
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION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



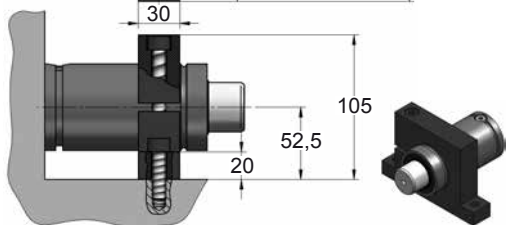
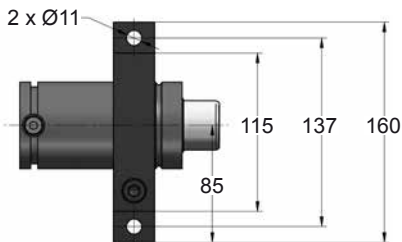
## C05-063



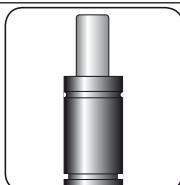
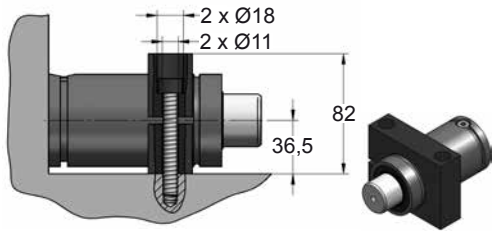
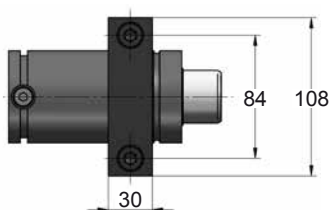
## C35-063



## D02-063



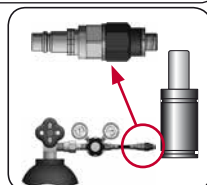
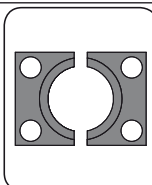
## D67-063



SEAL  
KIT S-XXXXXXX



CARTRIDGE  
KIT C-XXXXXXX

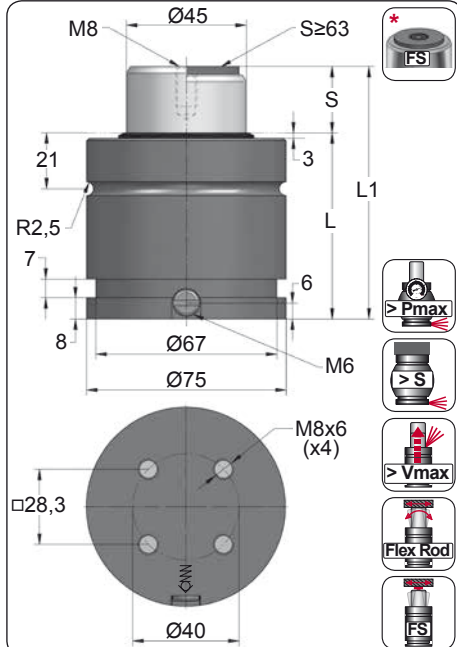


CODE	CWC 1500 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-063	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE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

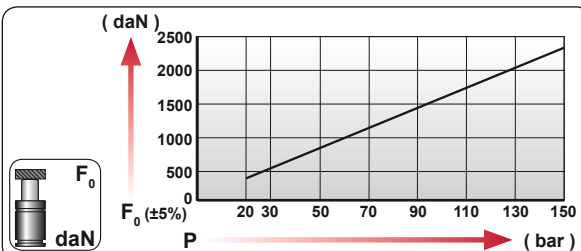
# CW 2400 V1

Compact Height

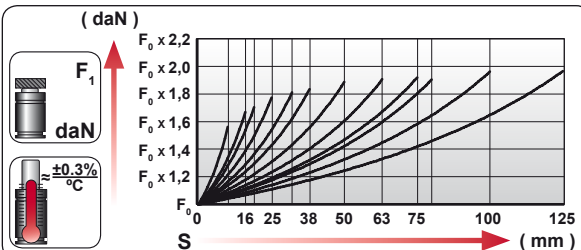
BMW B2 4005	FORD W-DX35-6204	PSA E24.54.815.G
MB B8 3180 220 000 004		
VW 39D 997		



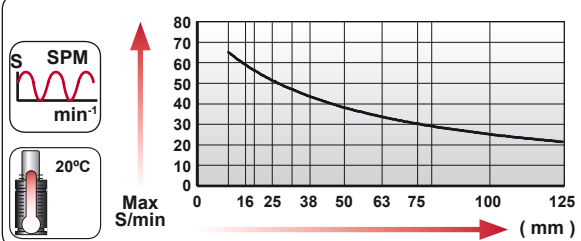
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CW 2400 010 V1	10	65	55	1.38
CW 2400 016 V1	16	77	61	1.48
CW 2400 019 V1	19	83	64	1.54
CW 2400 025 V1	25	95	70	1.64
CW 2400 032 V1	32	109	77	1.76
CW 2400 038 V1	38	121	83	1.86
CW 2400 050 V1	50	145	95	2.07
CW 2400 063 V1 *	63	171	108	2.29
CW 2400 075 V1 *	75	195	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



CODE	Valve Diagram	Pressure		Force	
		bar	psi	daN	daN
CW 2400 050 V1		150	2175	2385	4500
CW-H 2400 050 V1		0	0	---	---



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
<b>CW 2400 50</b>			
<b>CW 2400 050 V1</b>			



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176



# CW 2400 V1

Compact Height

MODEL	✗ CW 2400 KZ 2400	✗	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 

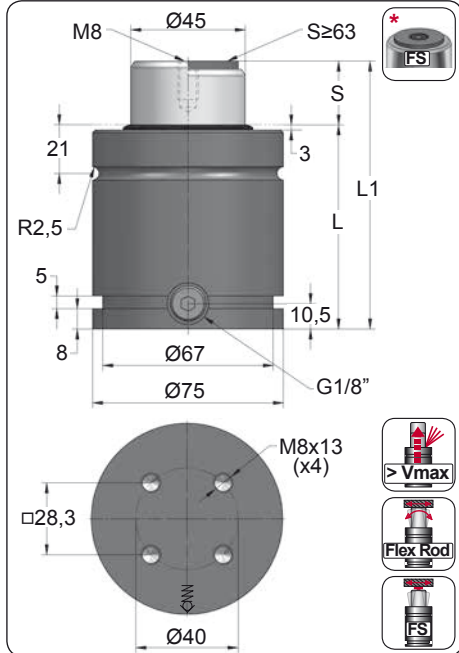
<h3>CW</h3>  	<h3>CWC</h3>        
---------------------	--

		<p>SEAL KIT S-XXXXXXX</p> <p>CARTRIDGE KIT C-XXXXXXX</p>		
--	--	--	--	--

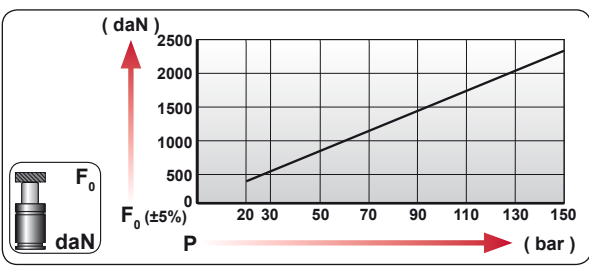
CODE	CW 2400 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-075	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

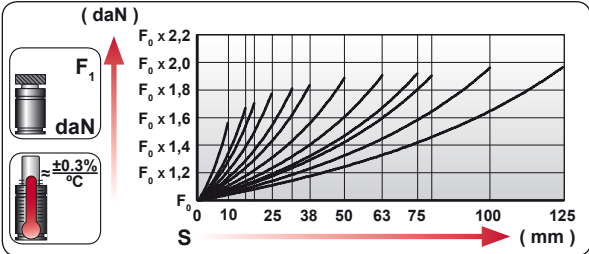
Compact Height



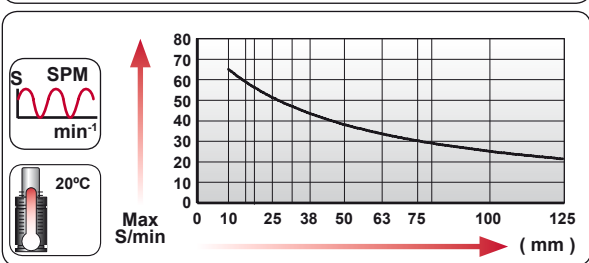
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CWC 2400 010 V2	10	75	65	1.70
CWC 2400 016 V2	16	87	71	1.80
CWC 2400 019 V2	19	93	74	1.85
CWC 2400 025 V2	25	105	80	1.95
CWC 2400 032 V2	32	119	87	2.07
CWC 2400 038 V2	38	131	93	2.18
CWC 2400 050 V2	50	155	105	2.38
CWC 2400 063 V2 *	63	181	118	2.61
CWC 2400 075 V2 *	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		Pressure			
		bar	psi		
CWC 2400 050 V2		150	2175	2385	4500
CWC-H 2400 050 V2		0	0	---	---




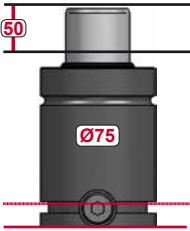
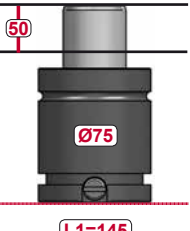














	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CWC 2400	50
		CWC 2400 050 V2	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176

  	 <p><b>L1=155</b></p>	 <p><b>L1=145</b></p>
MODEL	CWC 2400	CW 2400

<p><b>CW</b></p>  <p><b>CW</b></p>  	<p><b>CWC</b></p>  <p><b>CWC</b></p>    	<p><b>CWC</b></p>    
---	--	--

		 <p><b>SEAL KIT S-XXXXXXX</b></p> <p><b>CARTRIDGE KIT C-XXXXXXX</b></p>		
--	---	--	---	--

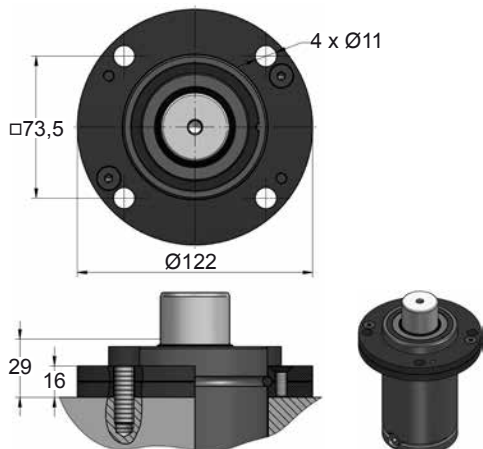
<b>CODE</b>	<b>CWC 2400 050 V2</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-075</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# CW 2400 V1 /CWC 2400 V2 MOUNTS

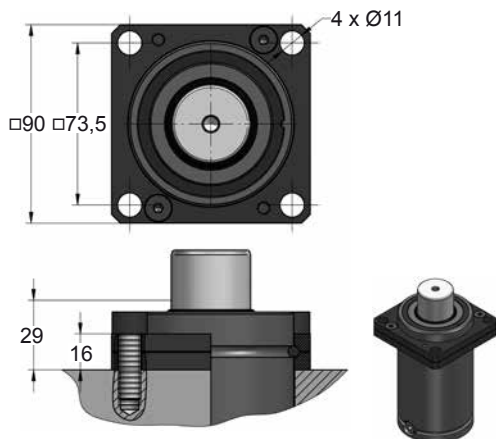
**AZOL**  
**GAS**

Compact Height

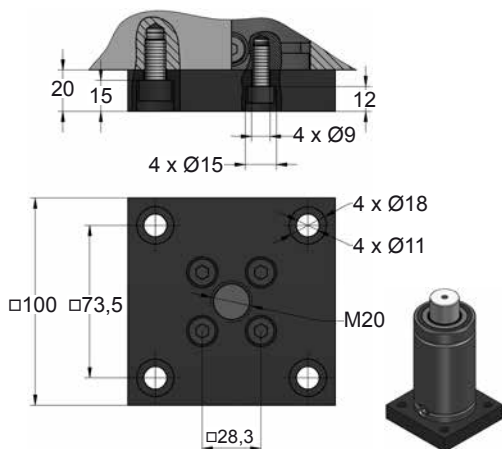
## A14-075



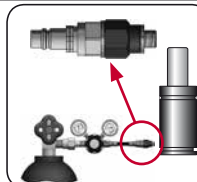
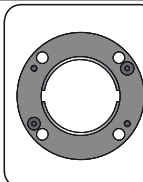
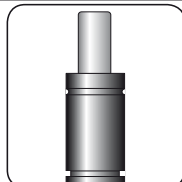
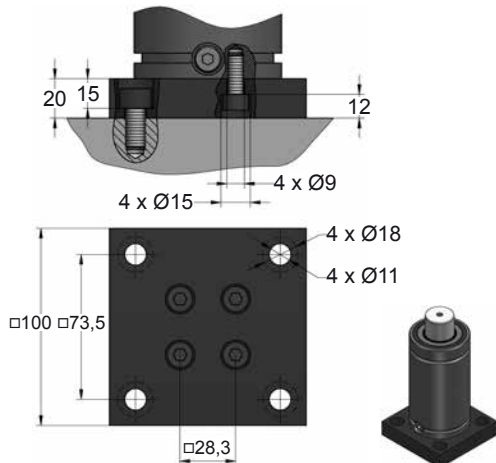
## A34-075



## B36-075



## B41-075



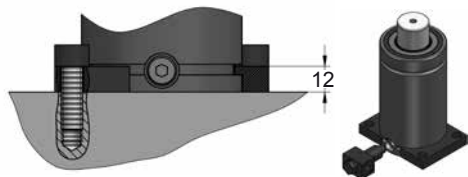
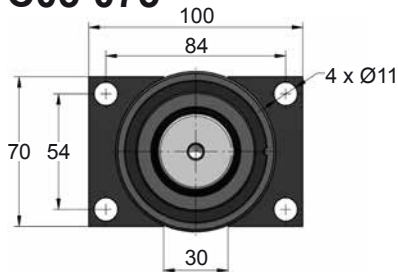
CODE	CWC 2400 050 V2	KIT S-XXXXXXX KIT C-XXXXXXX	A14-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA



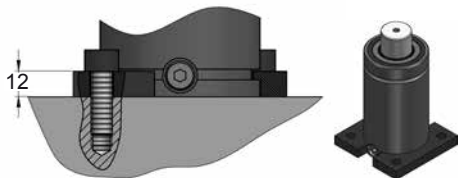
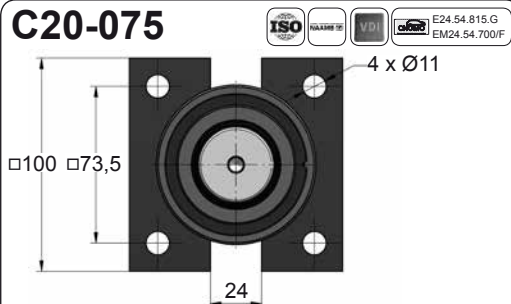
# CW 2400 V1/CWC 2400 V2 MOUNTS

Compact Height

## C05-075

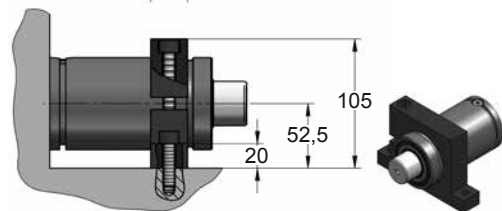
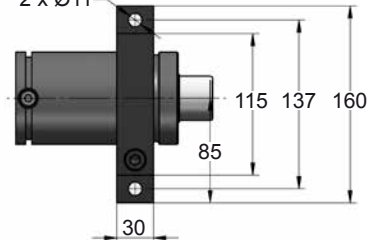


## C20-075

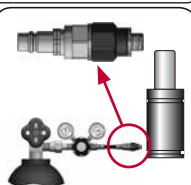
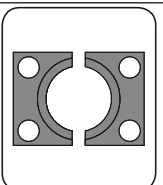
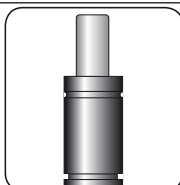
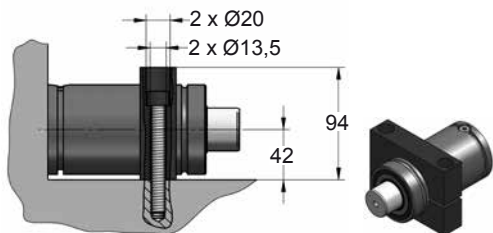
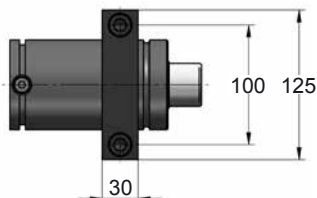


## D02-075

2 x Ø11



## D67-075

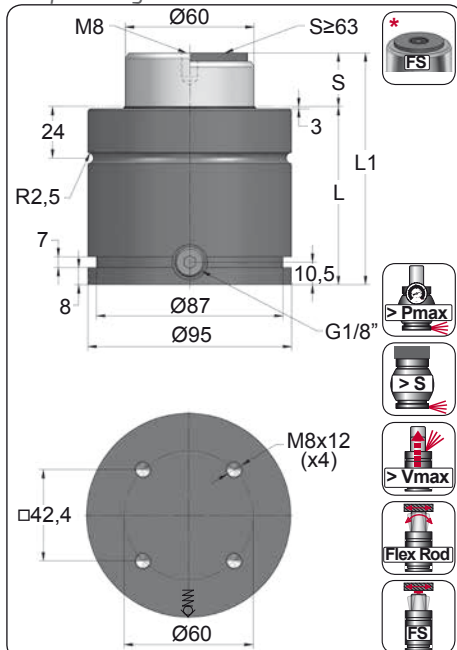


CODE	CWC 2400 050 V2	KIT S-XXXXXXX KIT C-XXXXXXX	C05-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

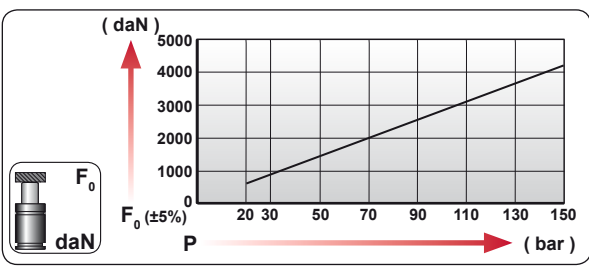
# CW 4200 V1

Compact Height

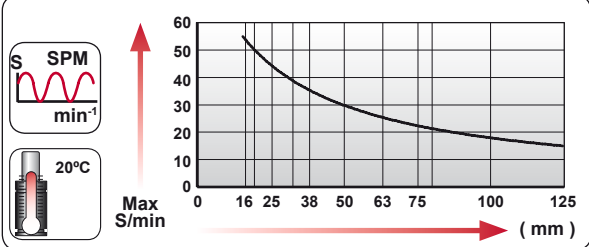
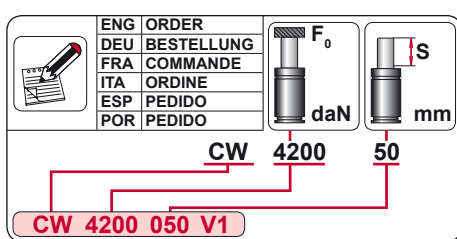
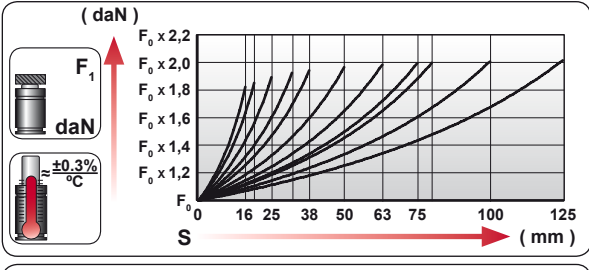
BMW B2 4005	FORD W-DX35-6204	PSA E24.54.815.G
MB B8 3180 220 000 004		
VW 39D 997		



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



CODE	Pressure (bar)	Pressure (psi)	F <sub>0</sub> (daN)	F <sub>1</sub> (daN)
CW 4200 050 V1	150	2175	4240	8335
CW-H 4200 050 V1	0	0	---	---



N<sub>2</sub>

S<sub>max</sub> < 90%

V<sub>max</sub> 1,6 m/s

P<sub>min</sub> (20°C)

P<sub>max</sub> (20°C)

T<sub>min</sub>

T<sub>max</sub>

600 CP-

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	



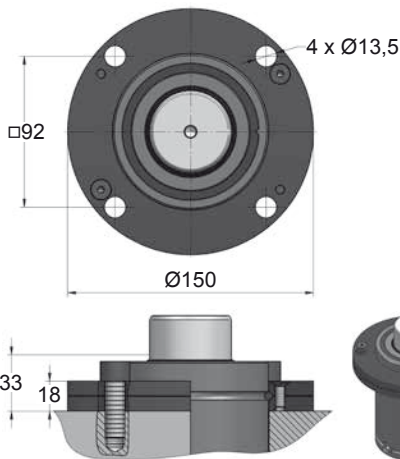


# CW 4200 V1 MOUNTS

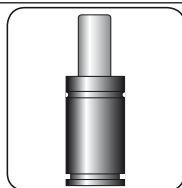
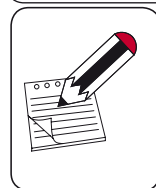
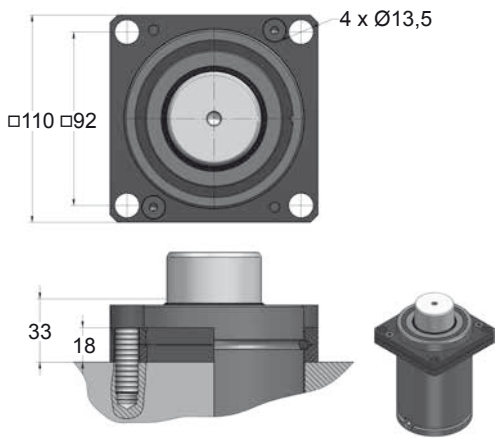
Compact Height

s mm Ø mm L1 mm	<p>50</p> <p>Ø95</p> <p>L1=158</p> <p>L1=162</p>	<p>50</p> <p>Ø95</p> <p>L1=170</p> <p>L1=170</p>	<p>50</p> <p>Ø95</p> <p>L1=195</p> <p>L1=205</p> <p>L1=220</p>	<p>50</p> <p>Ø95</p> <p>L1=220</p>	<p>50</p> <p>Ø95</p> <p>L1=215</p>	<p>50</p> <p>Ø95</p> <p>L1=255</p>		
MODEL	<p>×</p> <p>CW 4200</p> <p>KZ 4200</p>	<p>×</p>	<p>CK 4000</p> <p>FD 3000</p>	<p>GN 3000</p> <p>CM 4000</p> <p>CD 4200</p>	<p>AG 3000</p>	<p>CP 8000</p>	<p>CS 7500</p>	
SERIES	<p>MINI</p>	<p>COMPACT HEIGHT</p>	<p>THREADED</p>	<p>LOW PROFILE</p>	<p>HEAVY DUTY</p>	<p>ISO</p>	<p>HEAVY LOAD</p>	<p>POWER COMPACT STROKE</p>

## A14-095

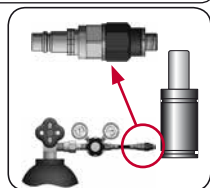
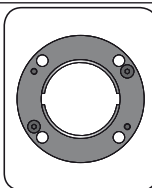


## A34-095



SEAL  
KIT S-XXXXXXX

CARTRIDGE  
KIT C-XXXXXXX



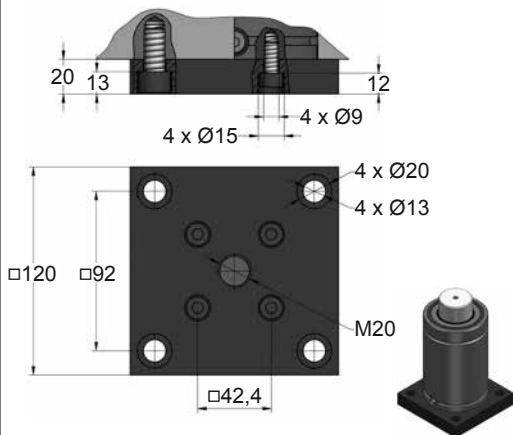
CODE	CW 4200 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

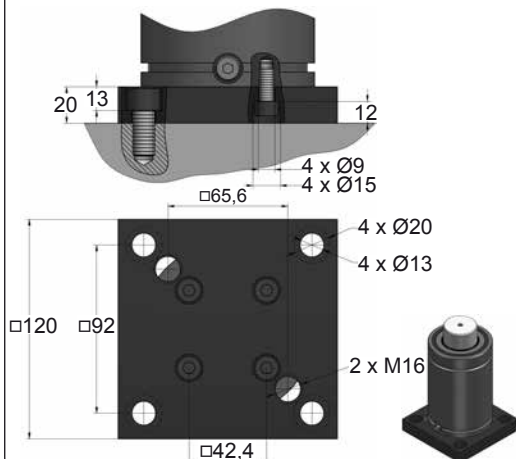
Compact Height

**AZOL  
GAS**

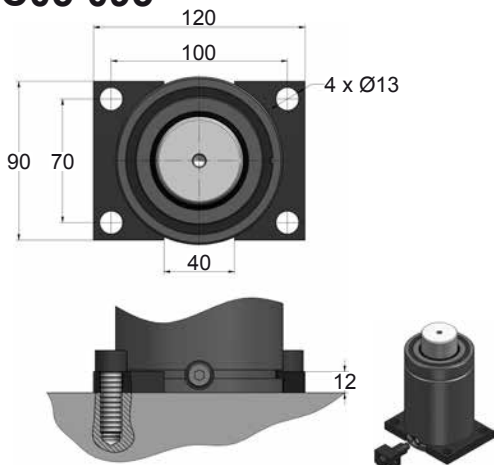
## B36-095



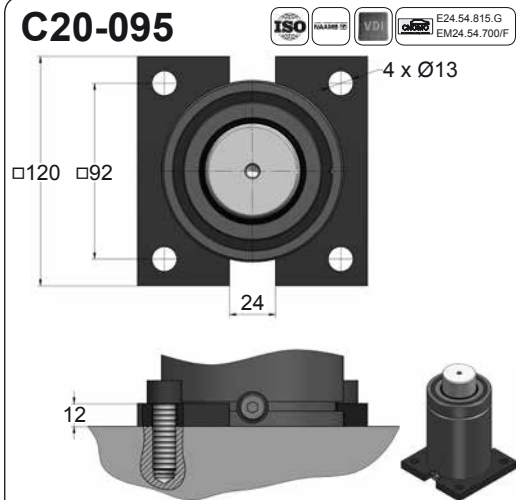
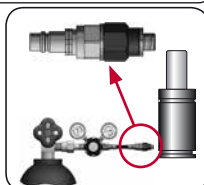
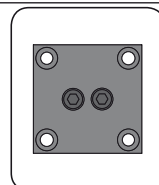
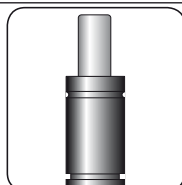
## B41-095



## C05-095



## C20-095

E24.54.815 G  
EM24.54.700/F

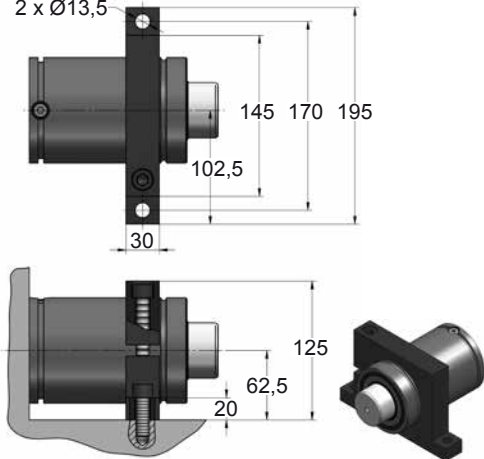
CODE	CW 4200 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	B36-095	18 CG 1-Q
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	FLANGE	ADAPTADOR DE CARGA

# CW 4200 V1 MOUNTS

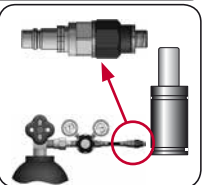
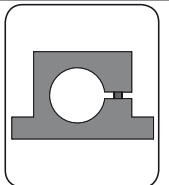
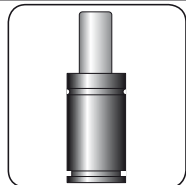
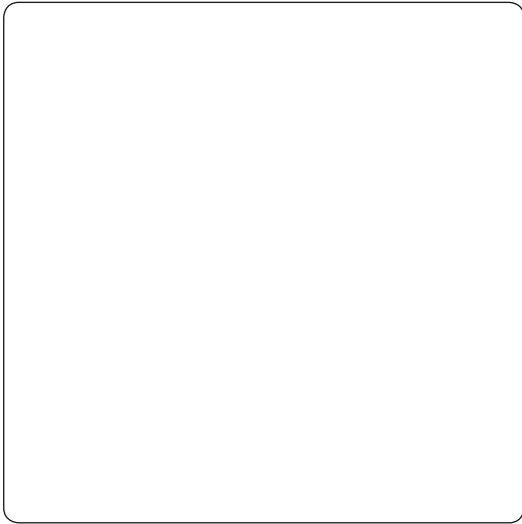
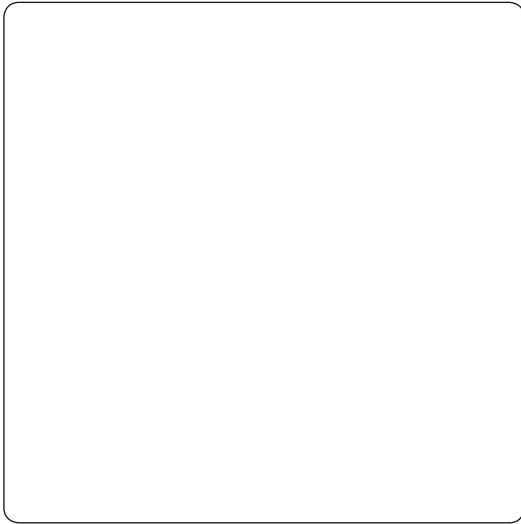
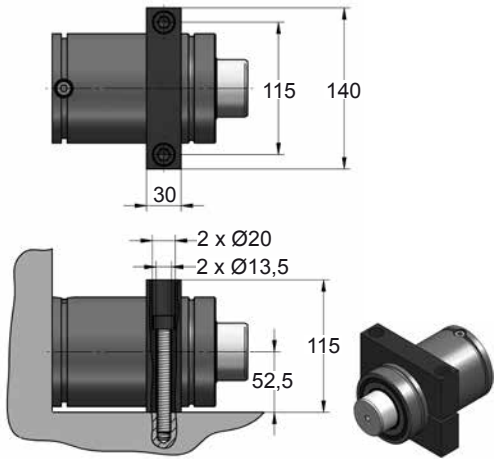
Compact Height

## D02-095

2 x Ø13,5



## D67-095

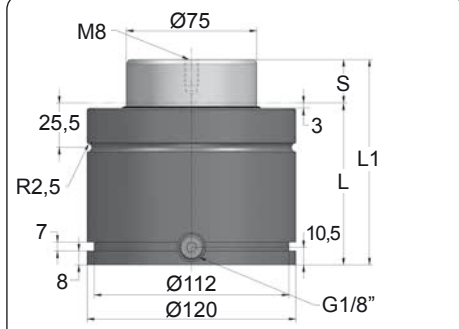


CODE	CW 4200 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	D02-095	18 CG 1-Q	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

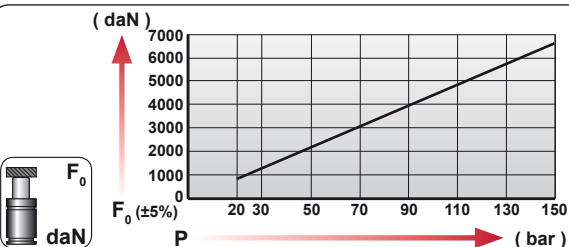
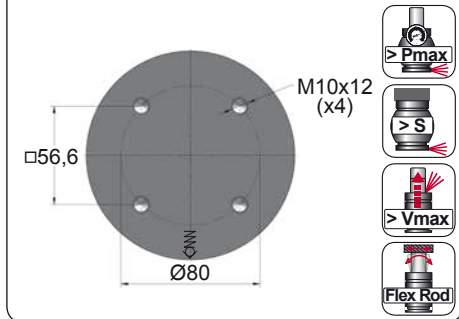
# CW 6600

Compact Height

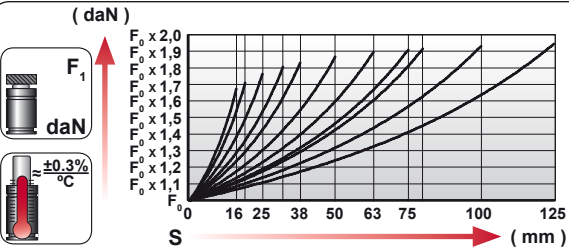
BMW B2 4005	FORD W-DX35-6204	
MB B8 3180 220 000 004		
VW 39D 997		



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



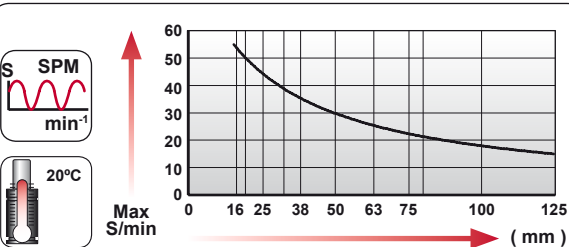
CODE	Pressure (bar/psi)	Force F <sub>0</sub> (daN)	Force F <sub>1</sub> (daN)
CW 6600 050	150 / 2175	6630	12380
CW-H 6600 050	0 / 0	---	---



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

F<sub>0</sub> daN  
 S mm

**CW 6600 50**  
**CW 6600 050**



	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	
--	------------------------	--------------------------	-------------------------	-------------------------	------------------	------------------	--

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi 20 290	bar psi 150 2175	°C °F 0 32	°C °F 80 176	600 CP-
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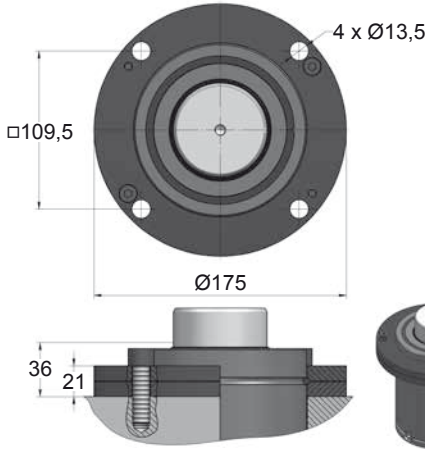


# CW 6600 MOUNTS

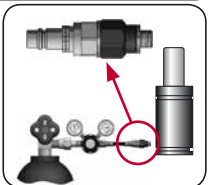
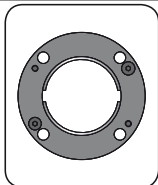
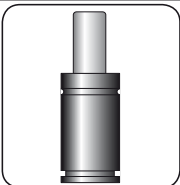
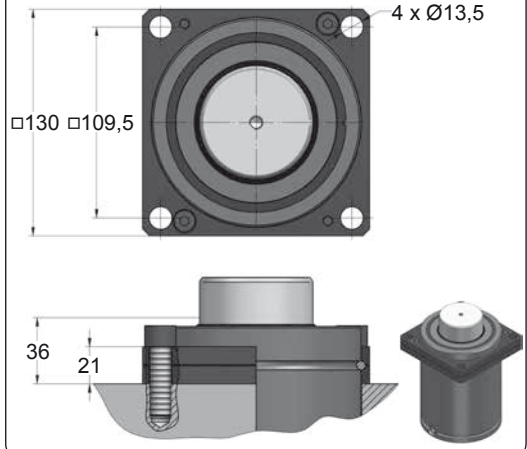
Compact Height

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

## A14-120



## A34-120



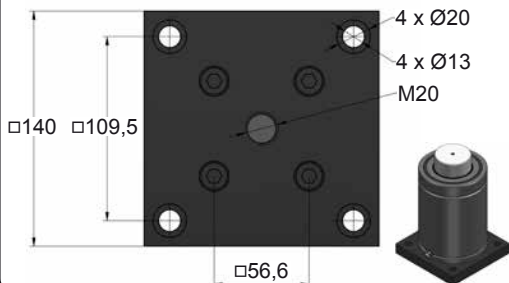
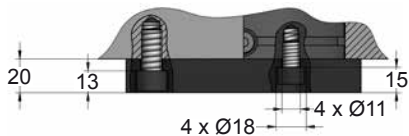
<b>CODE</b>	<b>CW 6600 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-120</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

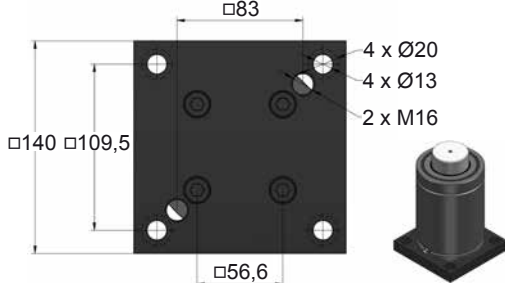
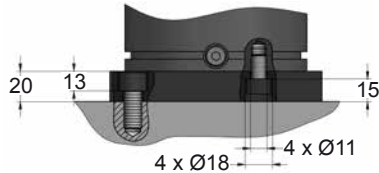
Compact Height

**AZOL**  
**GAS**

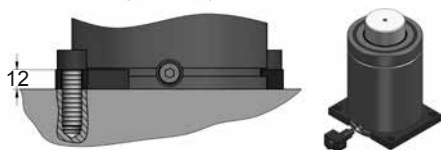
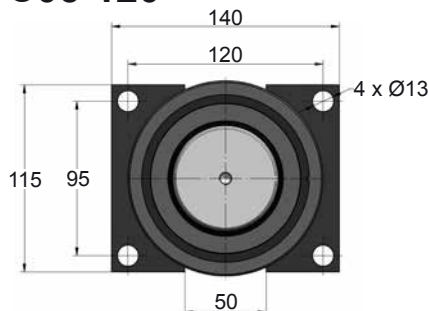
## B36-120



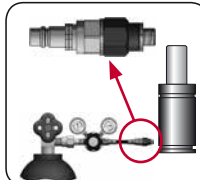
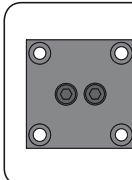
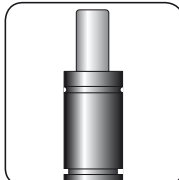
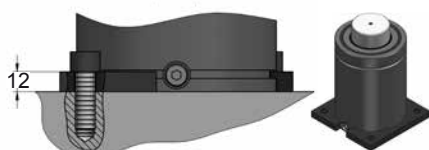
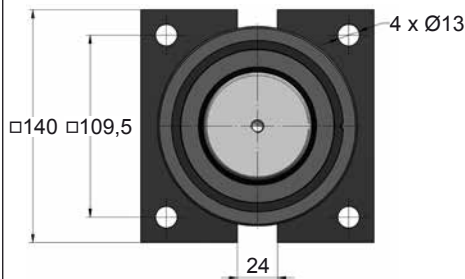
## B41-120



## C05-120



## C20-120



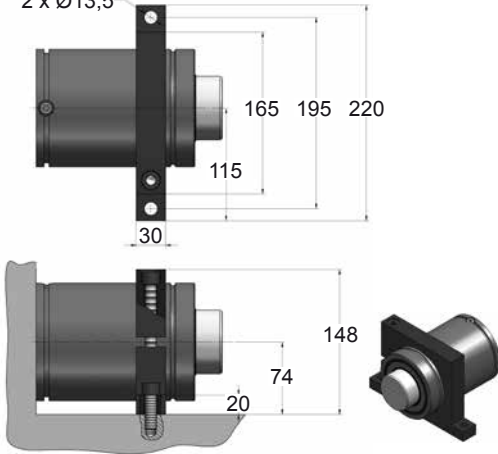
CODE	CW 6600 050	KIT S-XXXXXXX KIT C-XXXXXXX	B36-120	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

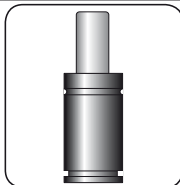
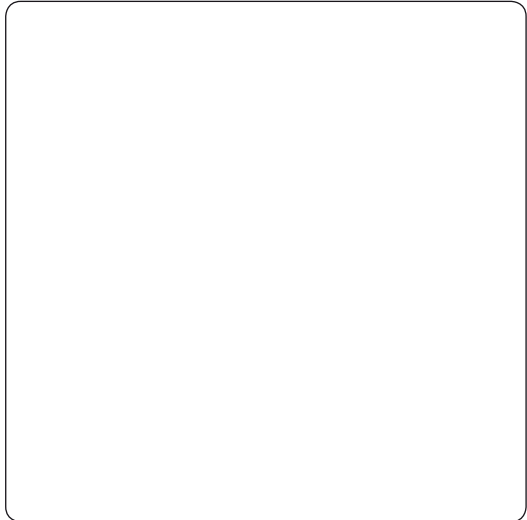
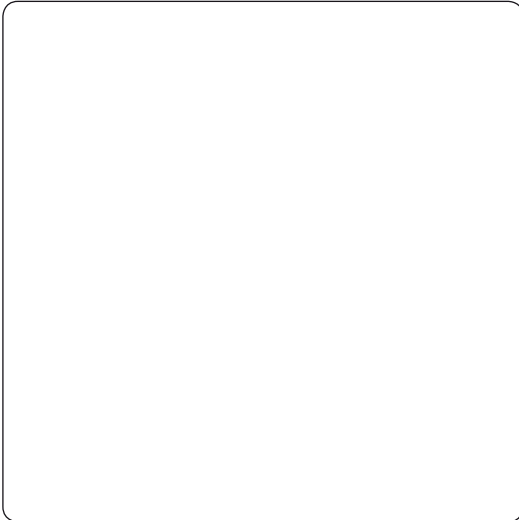
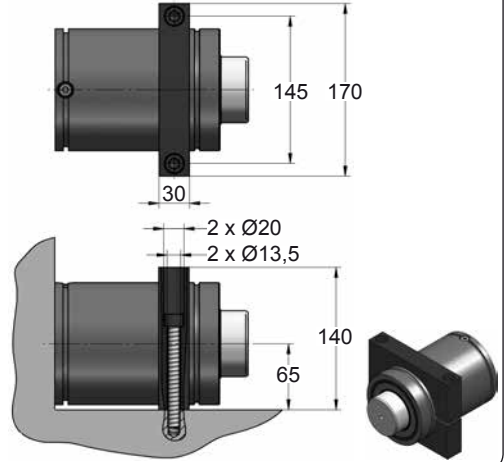
Compact Height

## D02-120

2 x Ø13,5



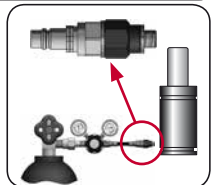
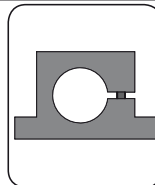
## D67-120



**SEAL**  
KIT S-XXXXXXX



**CARTRIDGE**  
KIT C-XXXXXXX

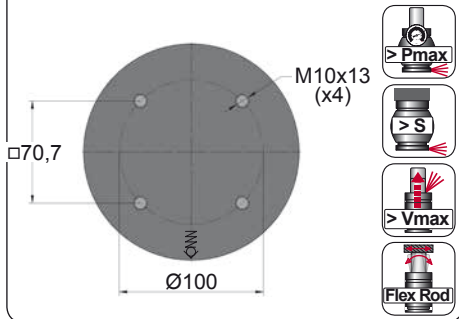
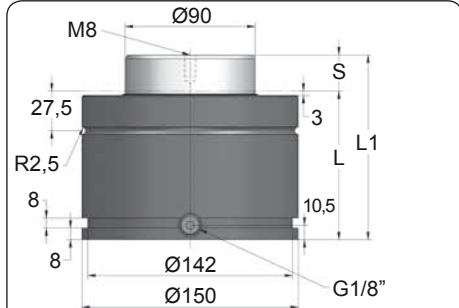


CODE	CW 6600 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-120	18 CG 1-Q
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	FLANGE	ADAPTADOR DE CARGA

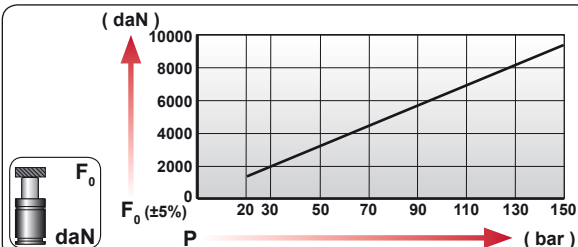
# CW 9500

Compact Height

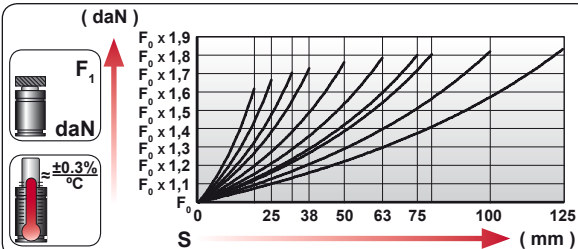
BMW B2 4005	FORD W-DX35-6204	
MB B8 3180 220 000 004		
VW 39D 997		



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



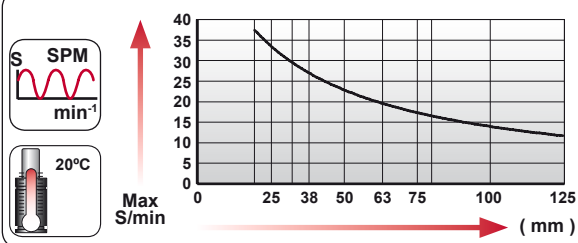
CODE	Image	Pressure		Force	
		bar	psi	daN	daN
CW 9500 050		150	2175	9540	16800
CW-H 9500 050		0	0	---	---



Language	Order	Force (F0)	Stroke (S)
ENG	ORDER	daN	mm
DEU	BESTELLUNG		
FRA	COMMANDE		
ITA	ORDINE		
ESP	PEDIDO		
POR	PEDIDO		

**CW 9500 50**

**CW 9500 050**



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N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	





# CW 9500 MOUNTS

Compact Height

	<b>Ø150</b>	<b>Ø150</b>	<b>Ø150</b>	<b>Ø150</b>	<b>Ø150</b>	<b>Ø150</b>	<b>Ø150</b>	
	<b>L1=178</b> <b>L1=178</b>	<b>L1=205</b> <b>L1=236</b> <b>L1=255</b>	<b>L1=255</b>	<b>L1=270</b>				
MODEL	<b>X</b>	<b>CW 9500</b> <b>CW 11800</b>	<b>X</b>	<b>X</b>	<b>GN 7500</b> <b>CM 10000</b> <b>CD 9600</b>	<b>AG 7500</b>	<b>X</b>	<b>CS 18300</b>
SERIES	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD <b>&gt;Pmax</b> 	POWER COMPACT STROKE <b>&lt;S</b> <b>&gt;F<sub>0</sub></b> 

## A14-150

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

4 x Ø17,5

□138

Ø220

41 27

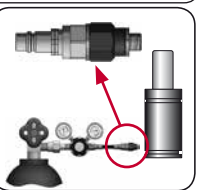
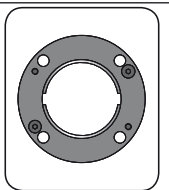
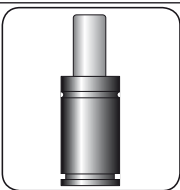
## A34-150

ISO VDI

4 x Ø17,5

□162 □138

41 27



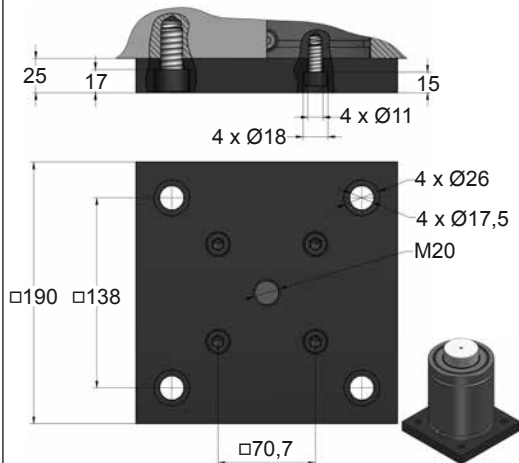
CODE	<b>CW 9500 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-150</b>	<b>18 CG 1-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# CW 9500 MOUNTS

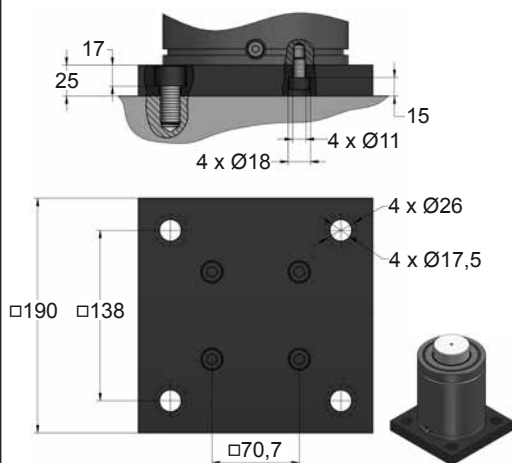
Compact Height

**AZOL**  
**GAS**

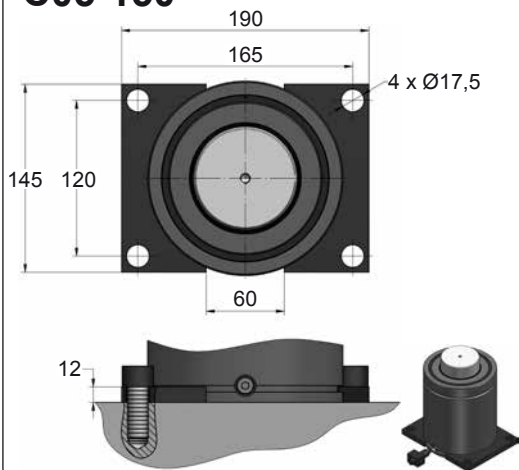
## B36-150



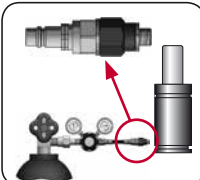
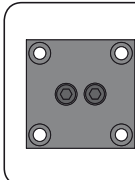
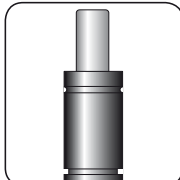
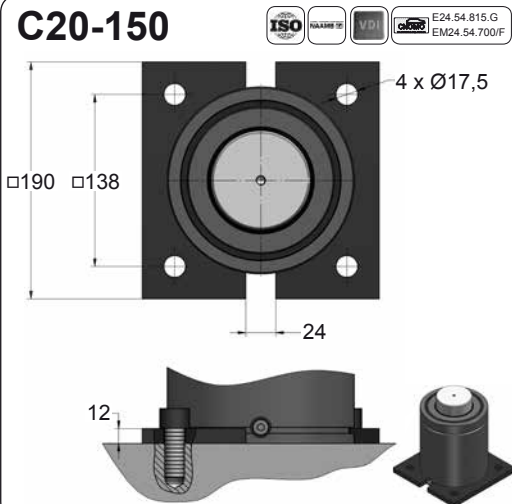
## B41-150



## C05-150



## C20-150



CODE	CW 9500 050	KIT S-XXXXXXX KIT C-XXXXXXX	B36-150	18 CG 1-Q
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	FLANGE	ADAPTADOR DE CARGA



# CW 9500 MOUNTS

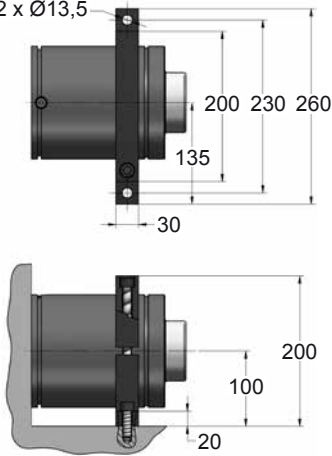
Compact Height

## D02-150

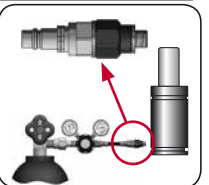
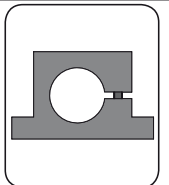
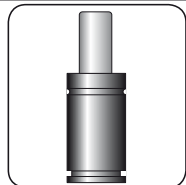
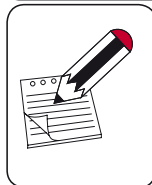
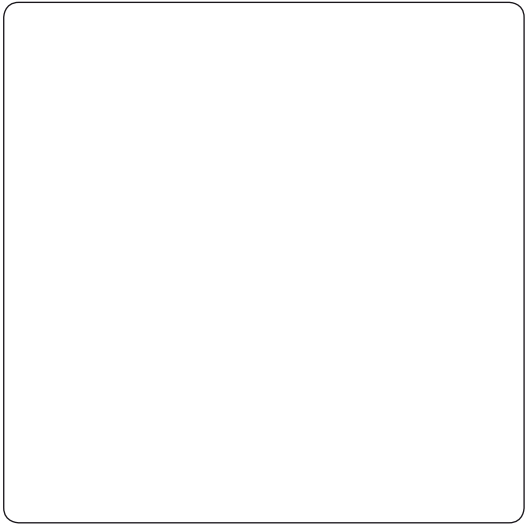
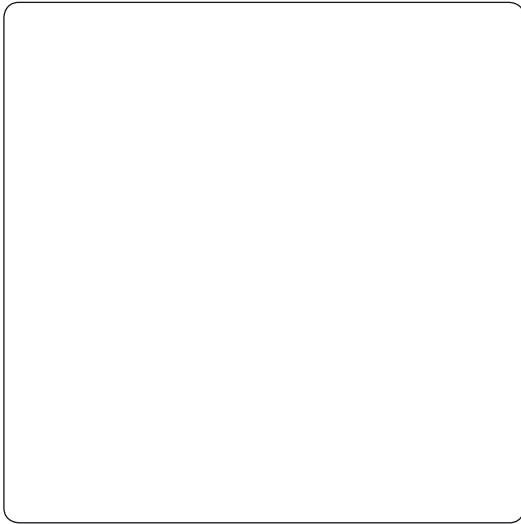
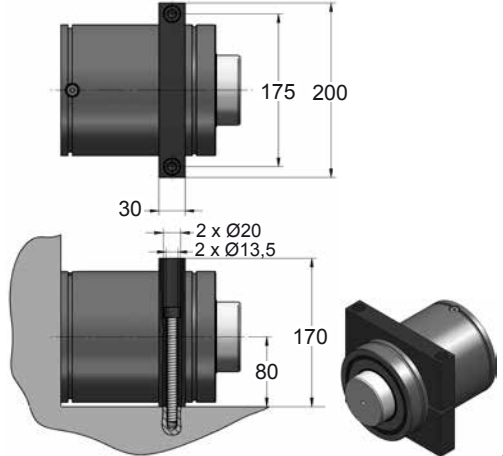
2 x Ø13,5



E24.54.815.G



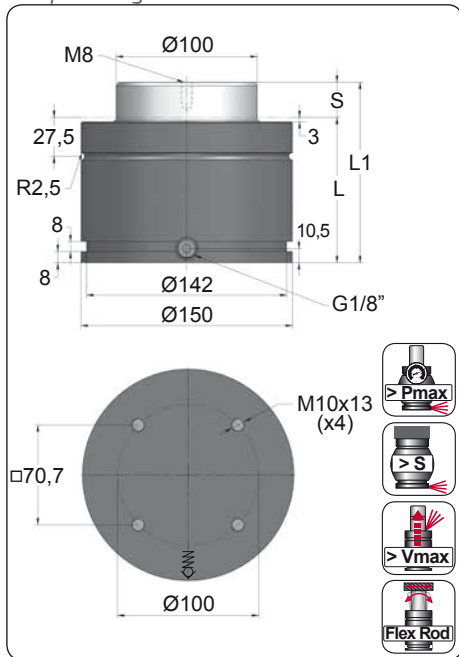
## D67-150



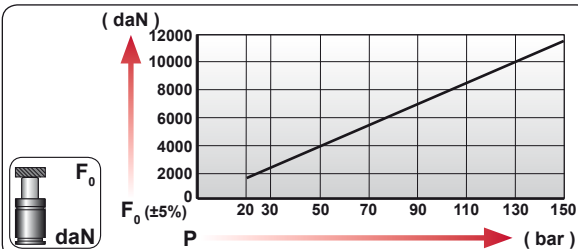
CODE	CW 9500 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-150	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

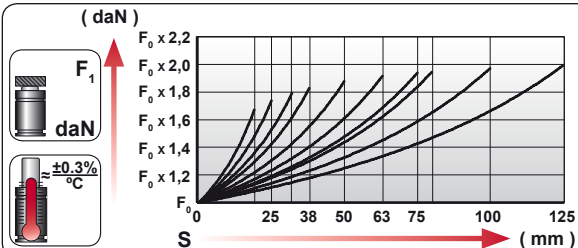
Compact Height



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

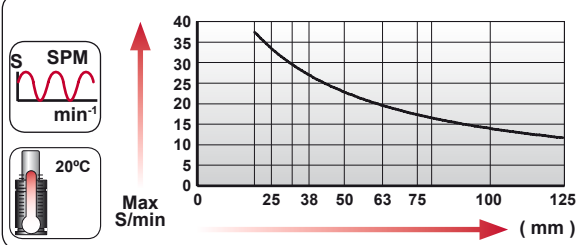


CODE	Pressure (bar)	Pressure (psi)	Force $F_0$ (daN)	Force $F_1$ (daN)
CW 11800 050	150	2175	11780	22125
CW-H 11800 050	0	0	---	---



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

**CW 11800 50**  
**CW 11800 050**



N <sub>2</sub>	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-
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# CW 11800 MOUNTS

Compact Height

	<b>Ø150</b>	<b>Ø150</b>	<b>Ø150</b>	<b>Ø150</b>	<b>Ø150</b>	<b>Ø150</b>	<b>Ø150</b>	
	<b>L1=178</b>	<b>L1=178</b>		<b>L1=205</b> <b>L1=236</b> <b>L1=255</b>	<b>L1=255</b>		<b>L1=270</b>	
<b>MODEL</b>	<b>×</b>	<b>CW 9500</b> <b>CW 11800</b>	<b>×</b>	<b>×</b>	<b>GN 7500</b> <b>CM 10000</b> <b>CD 9600</b>	<b>AG 7500</b>	<b>×</b>	<b>CS 18300</b>
<b>SERIES</b>	<b>MINI</b>	<b>COMPACT HEIGHT</b>	<b>THREADED</b>	<b>LOW PROFILE</b>	<b>HEAVY DUTY</b>	<b>ISO</b>	<b>HEAVY LOAD</b>	<b>POWER COMPACT STROKE</b>

## A14-150

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

4 x Ø17,5

□138

Ø220

41 27

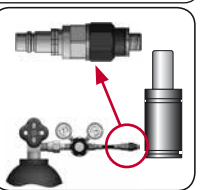
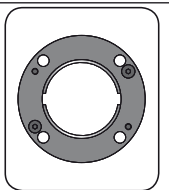
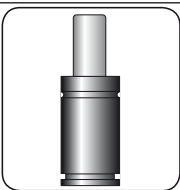
## A34-150

ISO VDI

4 x Ø17,5

□162 □138

41 27



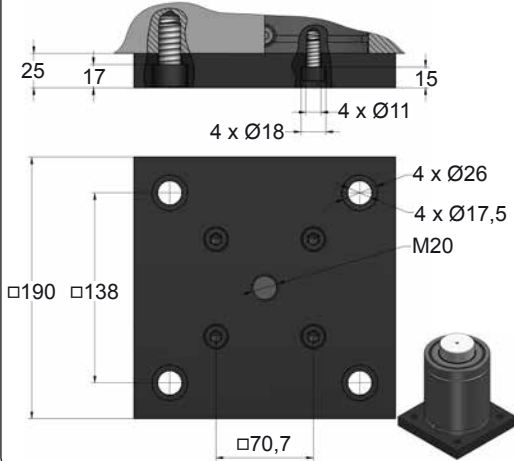
<b>CODE</b>	<b>CW 11800 050</b>	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>A14-150</b>	<b>18 CG 1-Q</b>
<b>ENG ORDER</b>	<b>GAS SPRING</b>	<b>REPAIR KIT</b>	<b>FLANGE</b>	<b>CHARGING ADAPTER</b>
<b>DEU BESTELLUNG</b>	<b>GASDRUCKFEDER</b>	<b>ERSATZTEILSATZ</b>	<b>FLANSCH</b>	<b>LADEADAPTER</b>
<b>FRA COMMANDE</b>	<b>RESSORT À GAZ</b>	<b>KIT DE RÉPARATION</b>	<b>BRIDE</b>	<b>RACCORD DE CHARGE</b>
<b>ITA ORDINE</b>	<b>CILINDRO AD AZOTO</b>	<b>KIT DI MANUTENZIONE</b>	<b>FLANGE</b>	<b>ADATTATORE DI CARICO</b>
<b>ESP PEDIDO</b>	<b>RESORTE DE GAS</b>	<b>KIT DE REPARACION</b>	<b>BRIDA</b>	<b>ADAPTADOR DE CARGA</b>
<b>POR PEDIDO</b>	<b>CILINDRO DE GAS</b>	<b>KIT DE MANUTENÇÃO</b>	<b>FLANGE</b>	<b>ADAPTADOR DE CARGA</b>

# CW 11800 MOUNTS

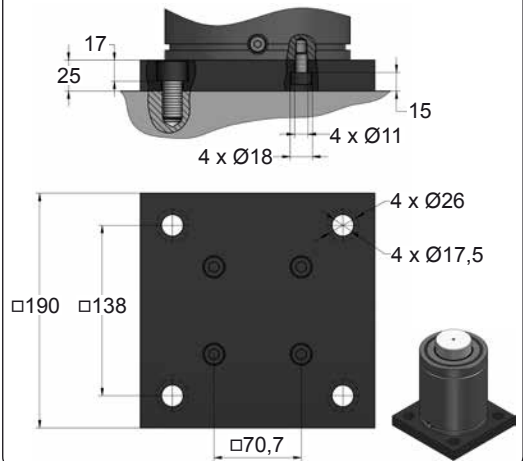
Compact Height



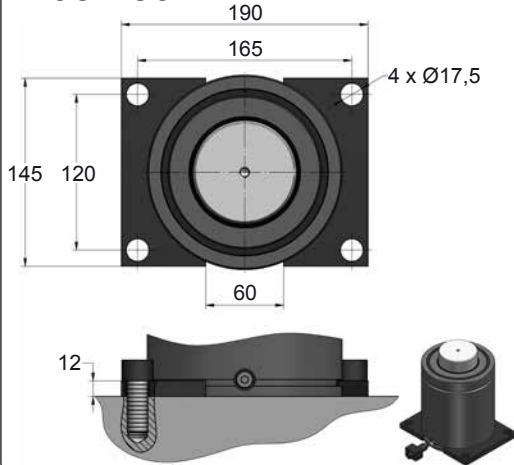
## B36-150



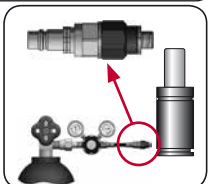
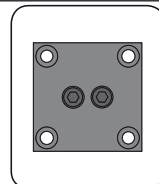
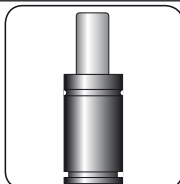
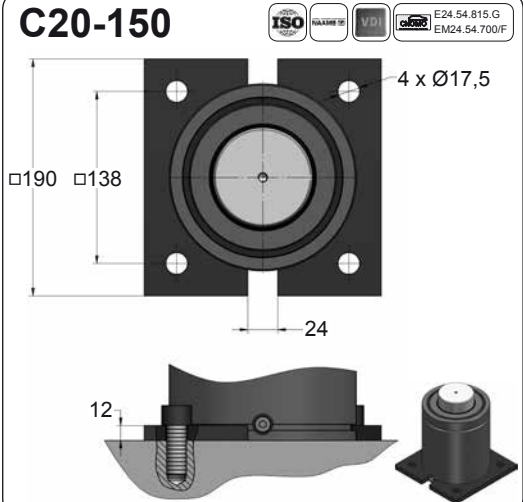
## B41-150



## C05-150



## C20-150



CODE	CW 11800 050	KIT S-XXXXXXX KIT C-XXXXXXX	B36-150	18 CG 1-Q	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA



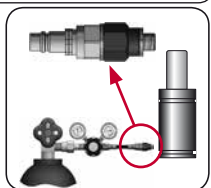
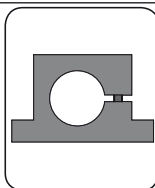
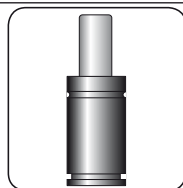
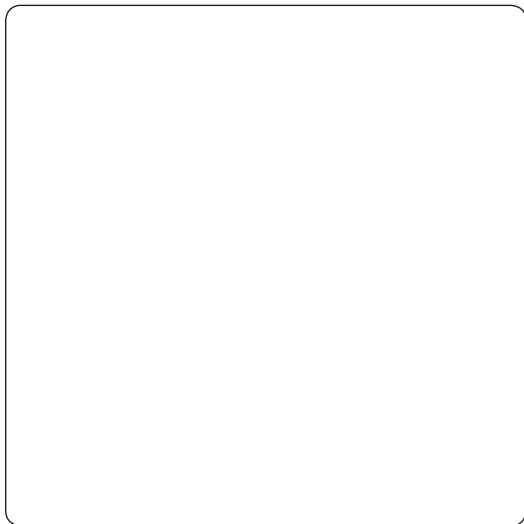
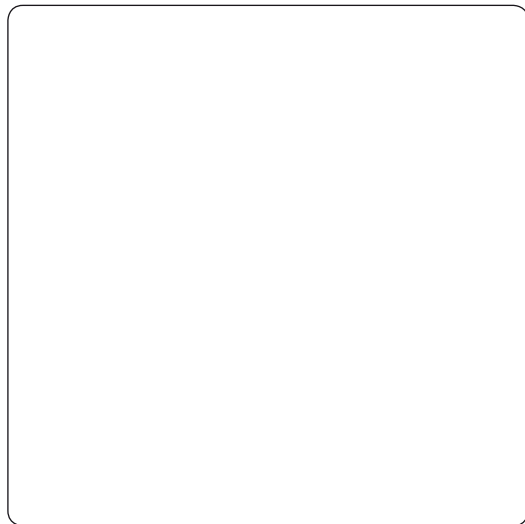
# CW 11800 MOUNTS

Compact Height

## D02-150

2 x Ø13,5

## D67-150

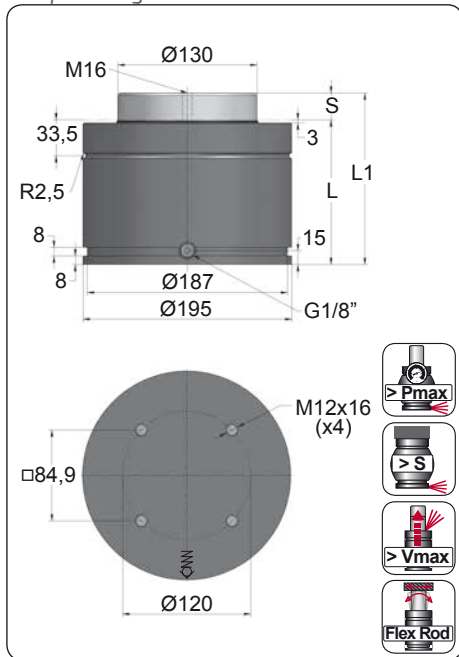


CODE	CW 11800 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-150	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

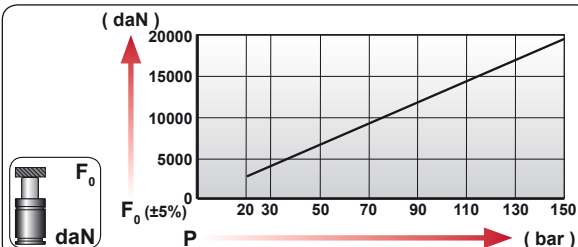
# CW 20000

Compact Height

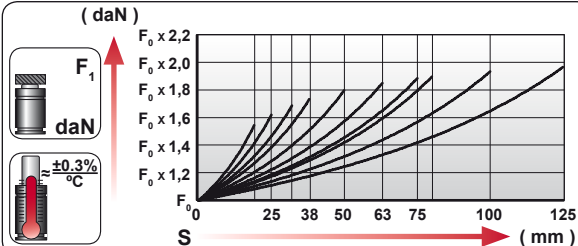


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CW 20000 019	19	148	129	22.33
CW 20000 025	25	160	135	23.04
CW 20000 032	32	174	142	23.88
CW 20000 038	38	186	148	24.59
CW 20000 050	50	210	160	26.02
CW 20000 063	63	236	173	27.57
CW 20000 075	75	260	185	29.00
CW 20000 080	80	270	190	29.60
CW 20000 100	100	310	210	31.98
CW 20000 125	125	360	235	34.96



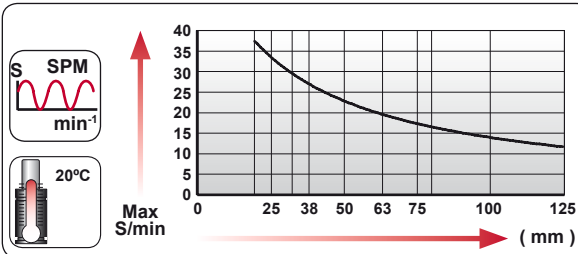
CODE				
	bar	psi	daN	daN
CW 20000 050	150	2175	19910	35790
CW-H 20000 050	0	0	---	---



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

F<sub>0</sub> daN  
 S mm

**CW 20000 50**  
**CW 20000 050**



N<sub>2</sub>  
 S<sub>max</sub> < 90%  
 V<sub>max</sub> 1,6 m/s  
 P<sub>min</sub> (20°C)  
 P<sub>max</sub> (20°C)  
 T<sub>min</sub>  
 T<sub>max</sub>  
 600 CP-

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	





# CW 20000 MOUNTS

Compact Height

	50	50	50					
	Ø195	Ø195	Ø195					
	L1=210	L1=260	L1=260					
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 EM24.54.700IF

4 x Ø17,5

Ø170

Ø290

47

27

## A34-195

ISO VDI

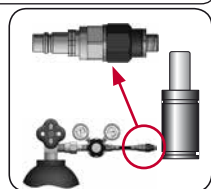
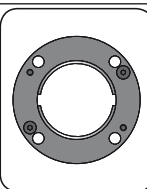
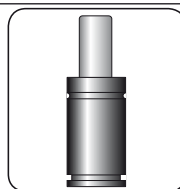
4 x Ø17,5

Ø210

Ø170

47

27



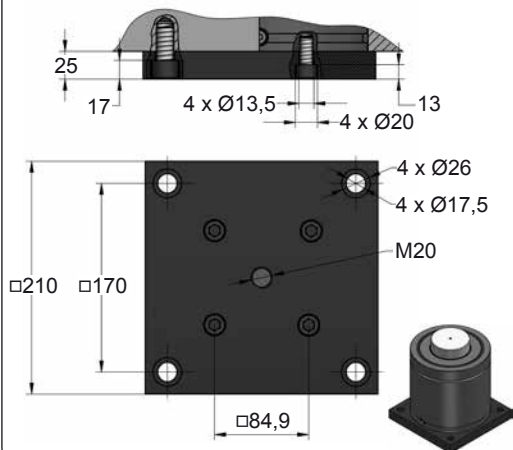
CODE	CW 20000 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-195	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# CW 20000 MOUNTS

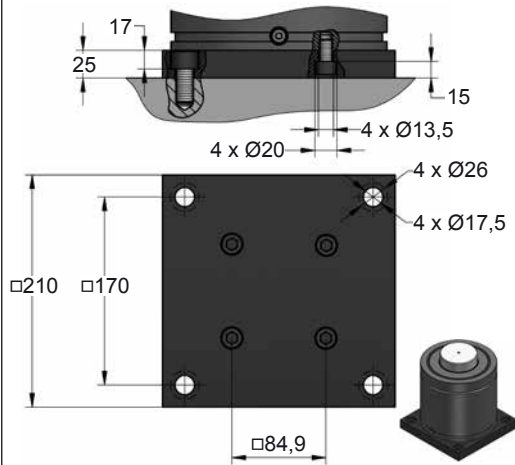
Compact Height

**AZOL  
GAS**

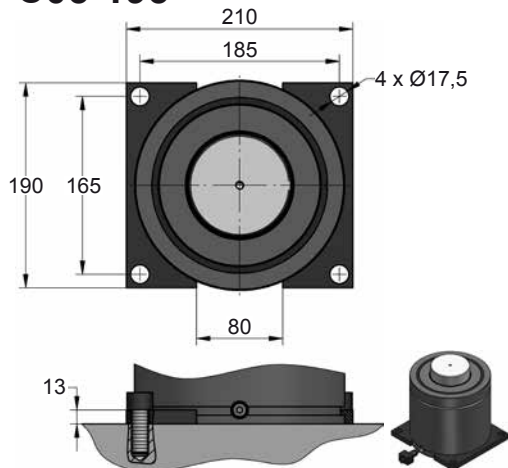
## B36-195



## B41-195



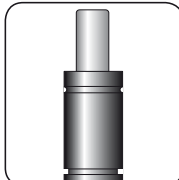
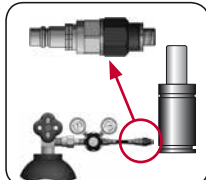
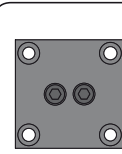
## C05-195



## C20-195



EM24.54.700/F

**SEAL****KIT S-XXXXXXX****CARTRIDGE****KIT C-XXXXXXX**

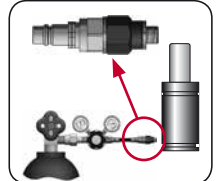
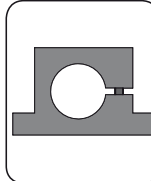
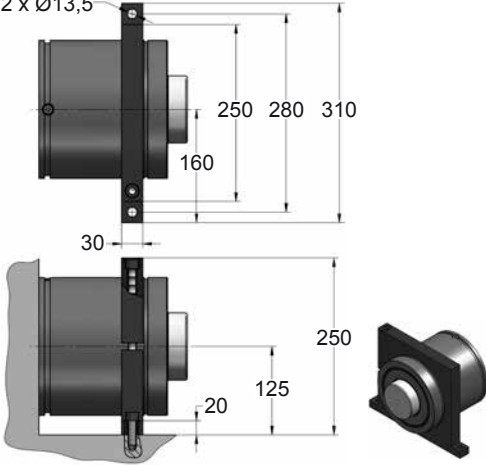
CODE	CW 20000 050	KIT S-XXXXXXX KIT C-XXXXXXX	B36-195	18 CG 1-Q
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCH	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	FLANGE	ADAPTADOR DE CARGA

# CW 2000 MOUNTS

Compact Height

## D02-195

2 x Ø13,5



CODE	CW 2000 050	KIT S-XXXXXXX KIT C-XXXXXXX	D02-195	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA





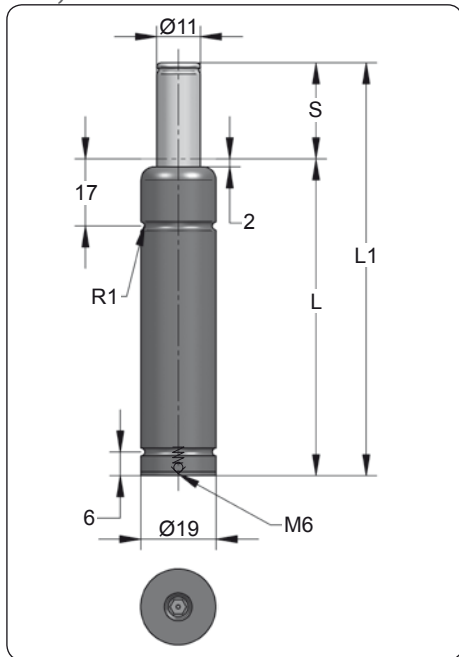
# CP HEAVY LOAD LARGE

MODEL	F <sub>0</sub>	Ø	S	L1	Pmax	Charge Port		
CP 150 V1	150	Ø19	10 - 80	75 - 220	160	M6		
CP 300 V1	300	Ø25	10 - 80	75 - 220	170	M6		
CP 500 V1	500	Ø32	10 - 80	75 - 225	200	M6		
CP 1000 V1	1000	Ø38	10 - 80	75 - 240	205	M6		
CP 2000 V1	2000	Ø50	10 - 80	80 - 245	210	M6		
CP 3000 V1	3000	Ø63	10 - 80	95 - 255	190	M6		
CP 5000 V1	5000	Ø75	10 - 80	100 - 275	200	G1/8"		
CP 8000 V1	8000	Ø95	10 - 80	110 - 290	180	G1/8"		

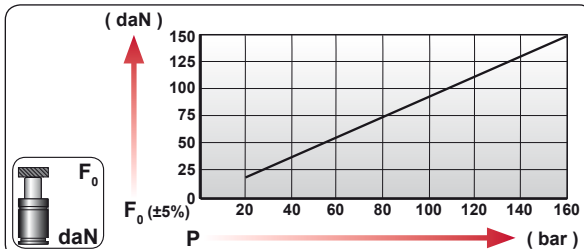
		50	50	50	50	50	50	50
		Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50
		L1=138 L1=152	L1=138	L1=138 L1=150 L1=150	L1=170 L1=185 L1=195	L1=195	L1=165 L1=175	L1=220
		1000 1000	1000	1000 1000 750	750 1000 1000	750	1700 2000	1800
MODEL		CW 1000 KZ 1000	AS 1000	CT 1000 CK 1000 FD 750	GN 750 CM 1000 CD 1000	AG 750	CPH 1700 CP 2000	CS 1800
SERIES								

# CP 150 V1

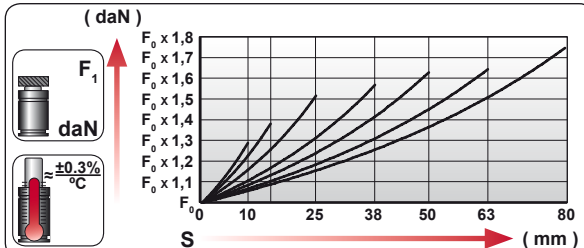
Heavy Load

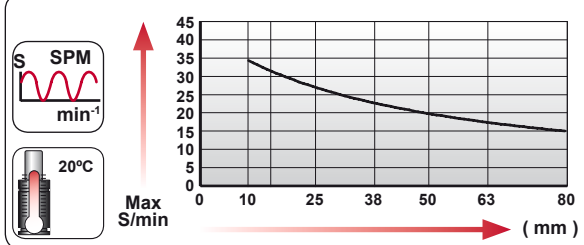
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CP 150 010 V1	10	75	65	0.08
CP 150 015 V1	15	85	70	0.09
CP 150 025 V1	25	105	80	0.10
CP 150 038 V1	38	135	97	0.12
CP 150 050 V1	50	160	110	0.14
CP 150 063 V1	63	190	127	0.16
CP 150 080 V1	80	220	140	0.18



CODE				
	bar	psi	daN	daN
CP 150 050 V1	160	2320	150	245
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CP 150	50
		CP 150 050 V1	



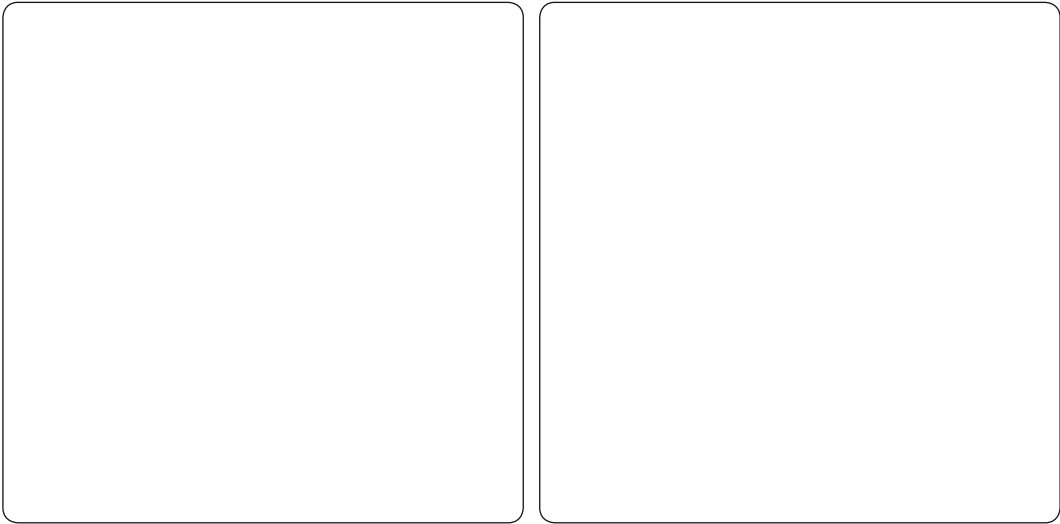
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar	psi	bar	psi	°C	°F	°C	°F	
20	290	160	2320	0	32	80	176	

# CP 150 V1 MOUNTS

Heavy Load

<b>MODEL</b>	AFJ	CW 170	×	×	×	×	CP 150	×
<b>SERIES</b>	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 

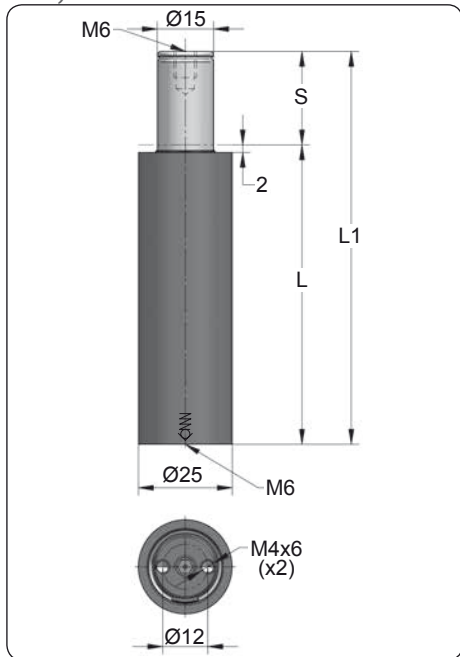


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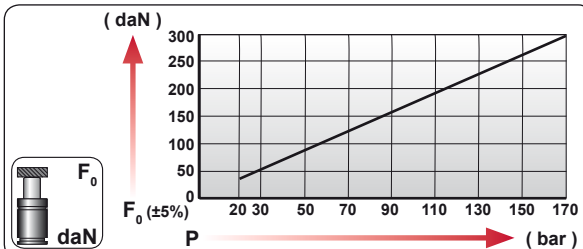
<b>CODE</b>	CP 150 050 V1	×	×	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

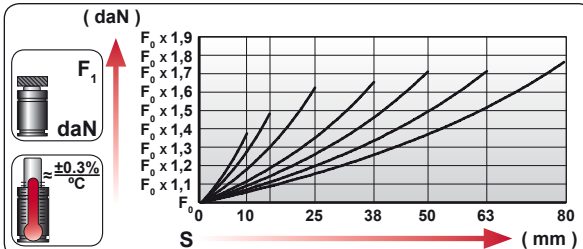
Heavy Load



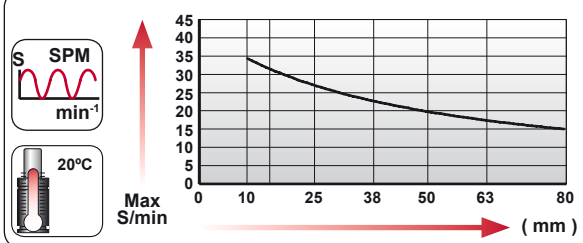
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CP 300 010 V1	10	75	65	0.19
CP 300 015 V1	15	85	70	0.20
CP 300 025 V1	25	105	80	0.22
CP 300 038 V1	38	130	92	0.26
CP 300 050 V1	50	155	105	0.29
CP 300 063 V1	63	185	122	0.33
CP 300 080 V1	80	220	140	0.38



CODE					
		bar	psi		
CP 300 050 V1		170	2465	300	515
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CP 300	50
		CP 300 050 V1	




















N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

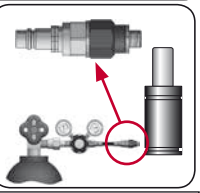
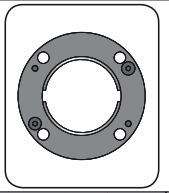
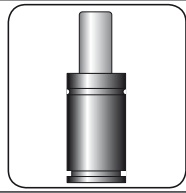
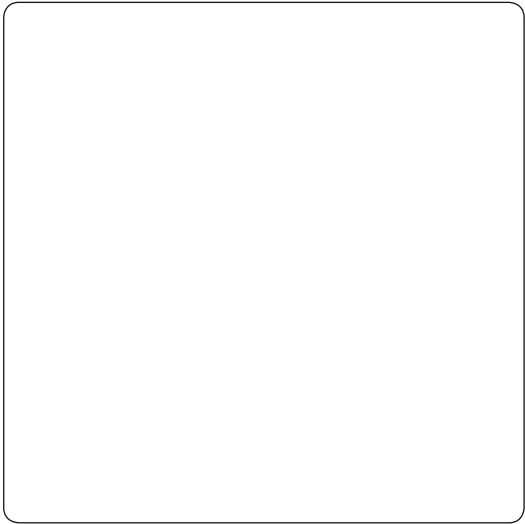
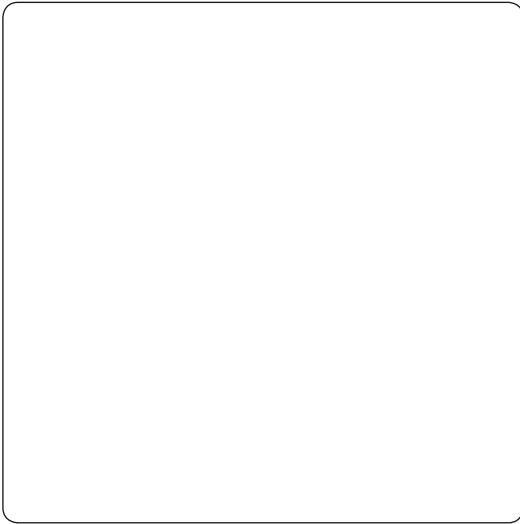
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	170 2465	0 32	80 176		



# CP 300 V1 MOUNTS

Heavy Load

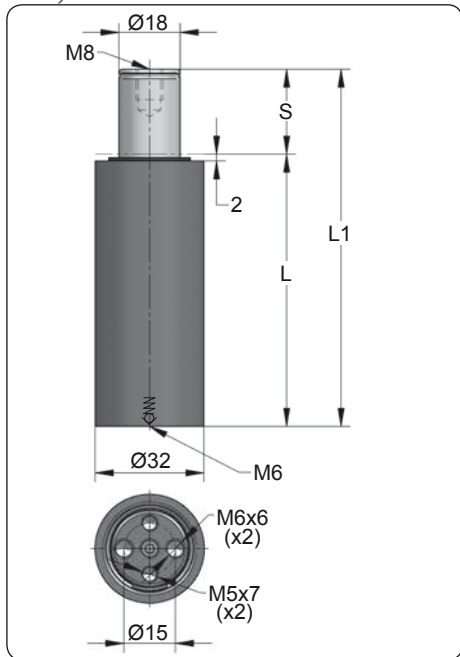
  	 50 Ø25 L1=142	 50 Ø25 L1=130	 50 Ø25 L1=132 L1=133	 50 Ø25 L1=160	 50 Ø25 L1=160	 50 Ø25 L1=195		
<b>MODEL</b>	AFC 200	CW 320	×	CK 200 CT 200	CM 200	×	CP 300	CS 420
<b>SERIES</b>	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 



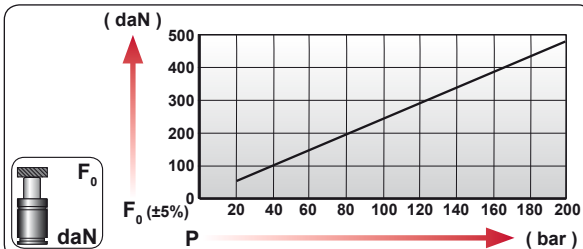
<b>CODE</b>	CP 300 050 V1	KIT S-XXXXXXX	×	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

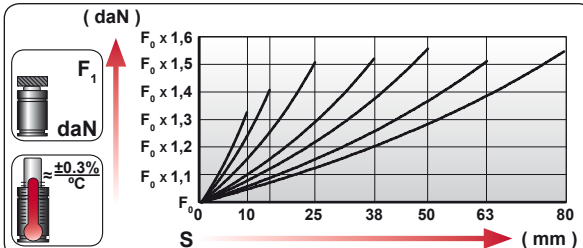
Heavy Load

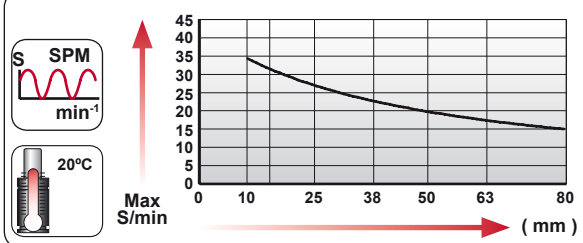
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CP 500 010 V1	10	75	65	0.31
CP 500 015 V1	15	85	70	0.32
CP 500 025 V1	25	105	80	0.36
CP 500 038 V1	38	130	92	0.41
CP 500 050 V1	50	155	105	0.46
CP 500 063 V1	63	190	127	0.53
CP 500 080 V1	80	225	145	0.60



CODE				
		bar psi	daN	daN
CP 500 050 V1		190 2755	485	755
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CP 500	50
		CP 500 050 V1	



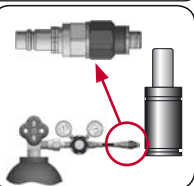
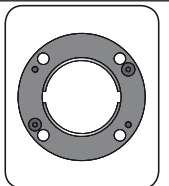
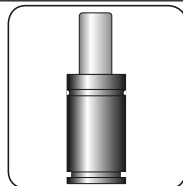
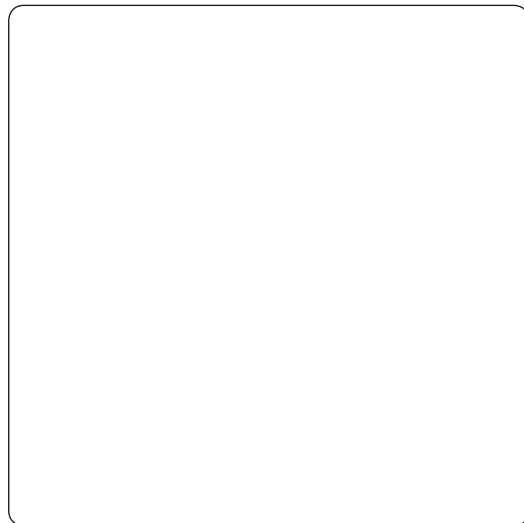
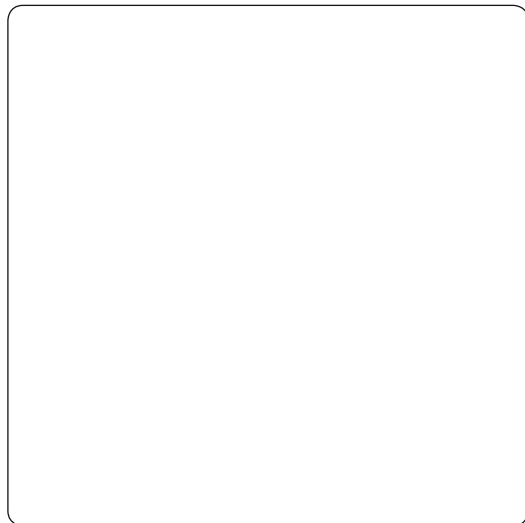
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar	psi	bar	psi	°C	°F	°C	°F	
20	290	200	2900	0	32	80	176	

# CP 500 V1 MOUNTS

Heavy Load

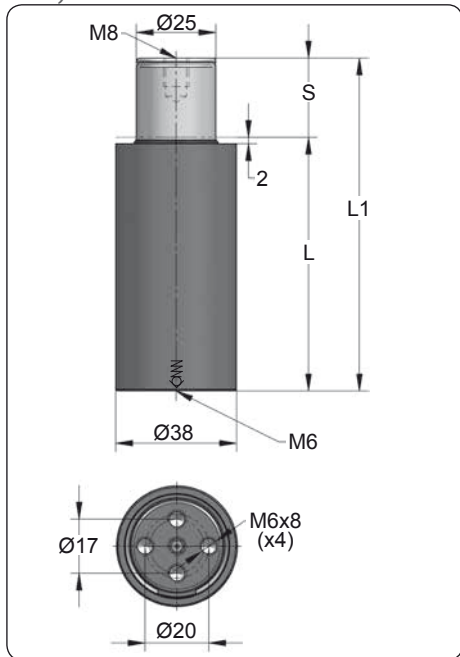
<b>MODEL</b>	AFT	CW 350 KZ 350	✗	CT 300 CK 300	CM 350 CD 300	APFA 150	CP 500	CS 770
<b>SERIES</b>	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE



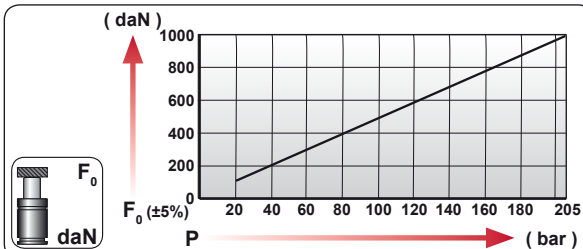
<b>CODE</b>	CP 500 050 V1	KIT S-XXXXXXX	✗	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE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

# CP 1000 V1

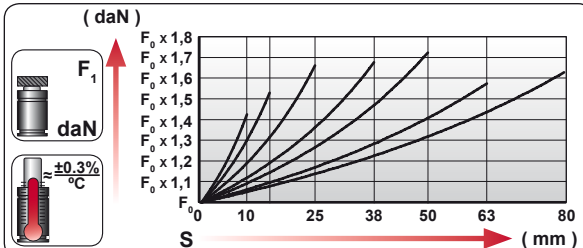
Heavy Load



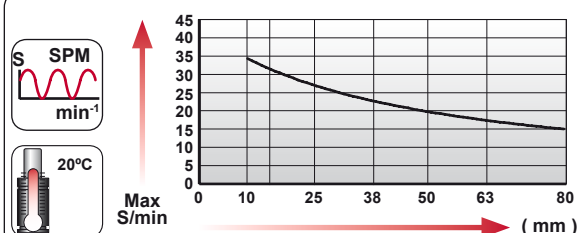
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CP 1000 010 V1	10	75	65	0.43
CP 1000 015 V1	15	85	70	0.45
CP 1000 025 V1	25	105	80	0.51
CP 1000 038 V1	38	135	97	0.58
CP 1000 050 V1	50	160	110	0.65
CP 1000 063 V1	63	205	142	0.77
CP 1000 080 V1	80	240	160	0.86



CODE					
		bar	psi		
CP 1000 050 V1		195	2830	960	1655
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CP 1000	50
		CP 1000 050 V1	



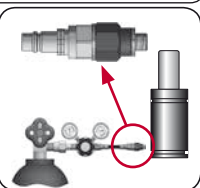
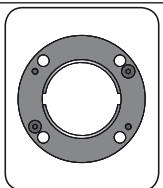
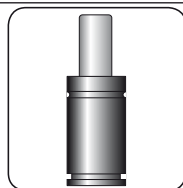
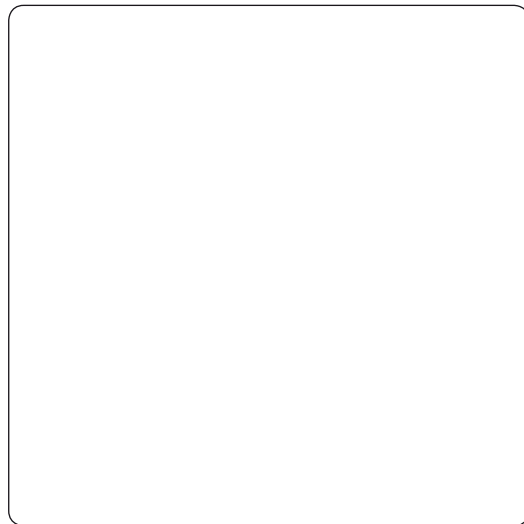
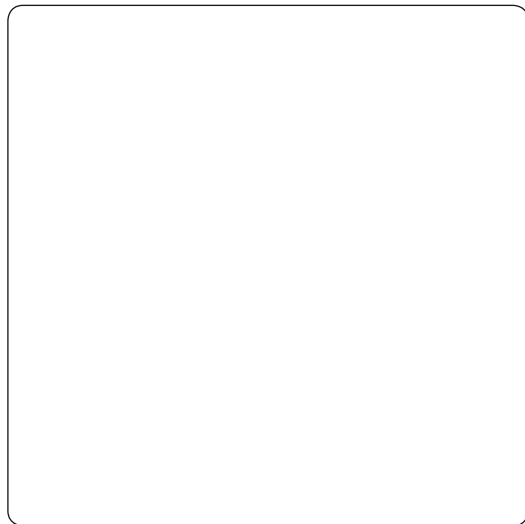
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	205	2975	0	32	80	176	

# CP 1000 V1 MOUNTS

Heavy Load

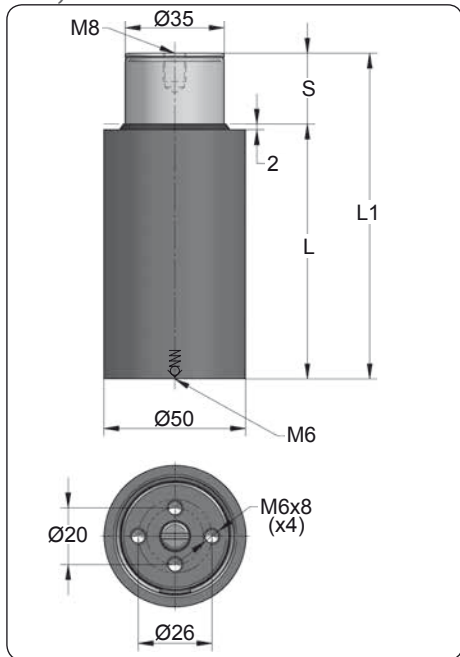
	<p>50</p> <p>Ø38</p> <p>L1=130</p> <p>L1=140</p>	<p>50</p> <p>Ø38</p> <p>L1=150</p>	<p>50</p> <p>Ø38</p> <p>L1=132</p> <p>L1=137</p>	<p>50</p> <p>Ø38</p> <p>L1=150</p> <p>L1=155</p>	<p>50</p> <p>Ø38</p> <p>L1=150</p>	<p>50</p> <p>Ø38</p> <p>L1=155</p> <p>L1=160</p>	<p>50</p> <p>Ø38</p> <p>L1=230</p>	
MODEL	<b>X</b>	CW 500 KZ 500	AS 300	CT 550 CK 570	CM 500 CD 500	APFA 250	CPH 850 CP 1000	CS 1000
SERIES	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 



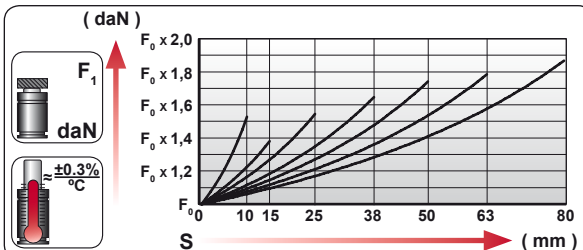
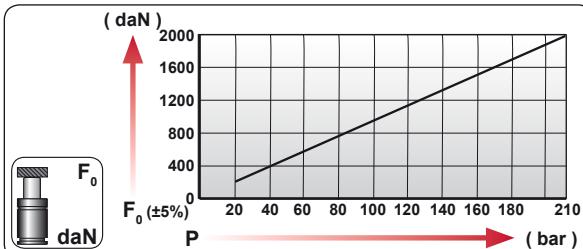
CODE	CP 1000 050 V1	KIT S-XXXXXXX	<b>X</b>	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

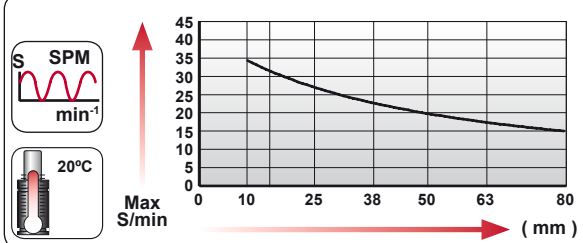


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CP 2000 010 V1	10	80	70	0.87
CP 2000 015 V1	15	95	80	0.94
CP 2000 025 V1	25	115	90	1.04
CP 2000 038 V1	38	150	112	1.22
CP 2000 050 V1	50	175	125	1.35
CP 2000 063 V1	63	205	142	1.50
CP 2000 080 V1	80	245	165	1.70



CODE					
		bar	psi		
CP 2000 050 V1		200	2900	1925	3350
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CP 2000	50
		CP 2000 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

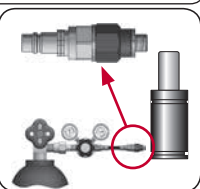
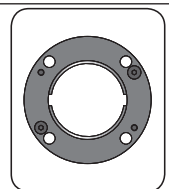
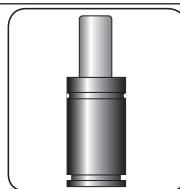
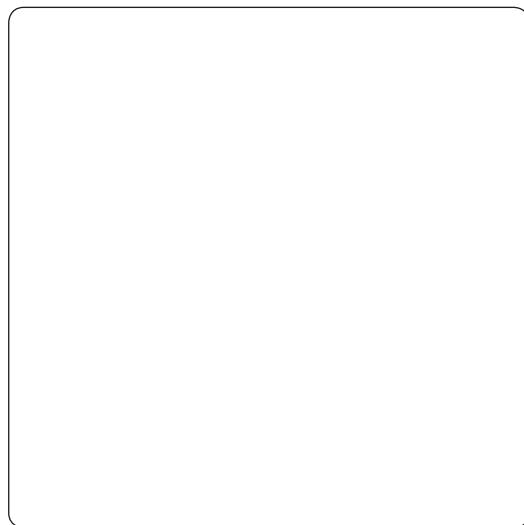
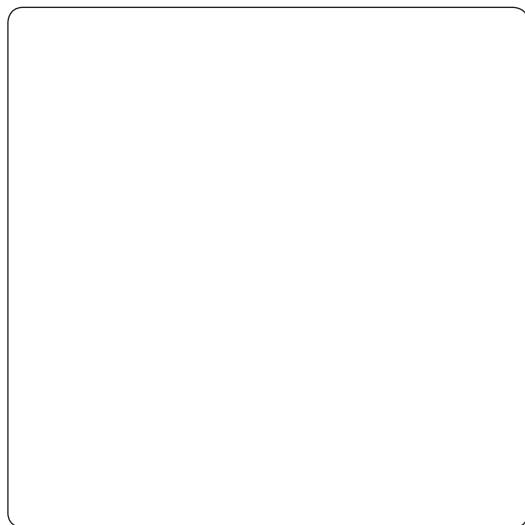
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	210 3045	0 32	80 176		



# CP 2000 V1 MOUNTS

Heavy Load

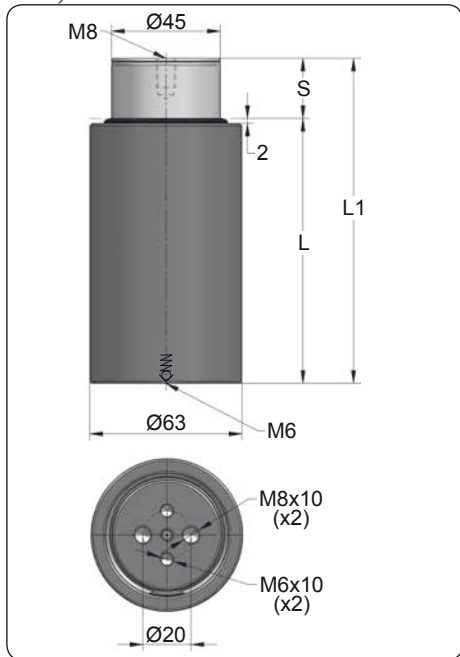
MODEL	<b>X</b>	CW 1000 KZ 1000	AS 1000	CT 1000 CK 1000 FD 750	GN 750 CM 1000 CD 1000	AG 750	CPH 1700 CP 2000	CS 1800
SERIES	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 



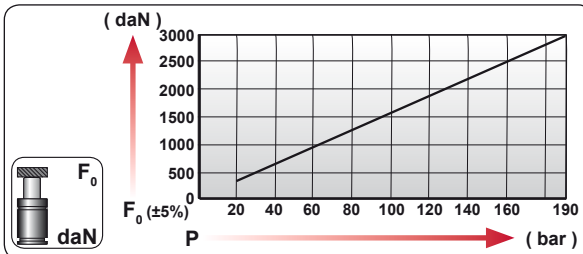
CODE	CP 2000 050 V1	KIT S-XXXXXXX	<b>X</b>	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

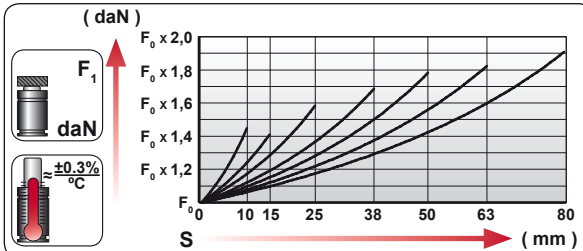
Heavy Load



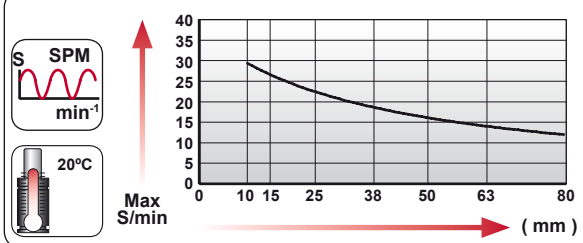
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CP 3000 010 V1	10	95	85	1.71
CP 3000 015 V1	15	115	100	1.88
CP 3000 025 V1	25	135	110	2.04
CP 3000 038 V1	38	165	127	2.29
CP 3000 050 V1	50	190	140	2.49
CP 3000 063 V1	63	220	157	2.73
CP 3000 080 V1	80	255	175	3.01



CODE		Pressure		Force	
		bar	psi	daN	daN
CP 3000 050 V1		180	2610	2860	5100
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CP 3000	50
		CP 3000 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

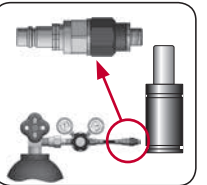
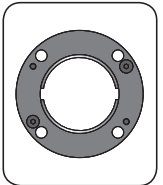
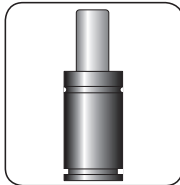
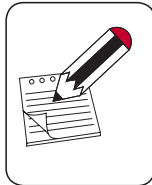
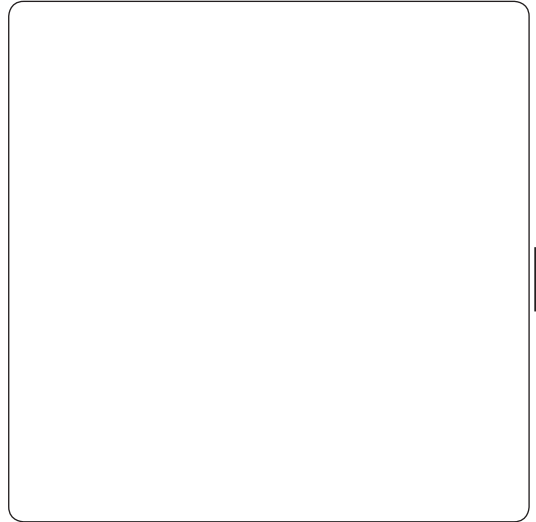
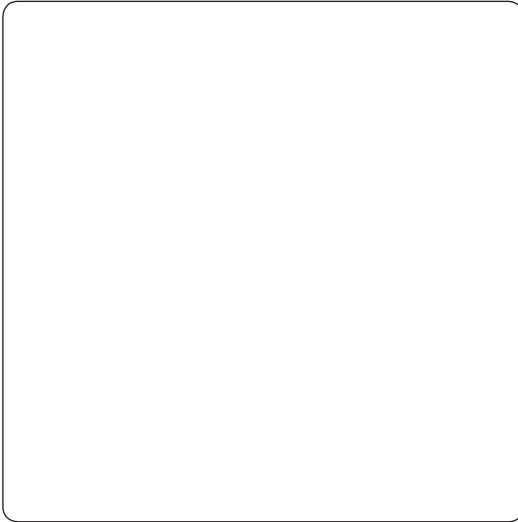
bar	psi	bar	psi	°C	°F	°C	°F	
20	290	190	2755	0	32	80	176	



# CP 3000 V1 MOUNTS

Heavy Load

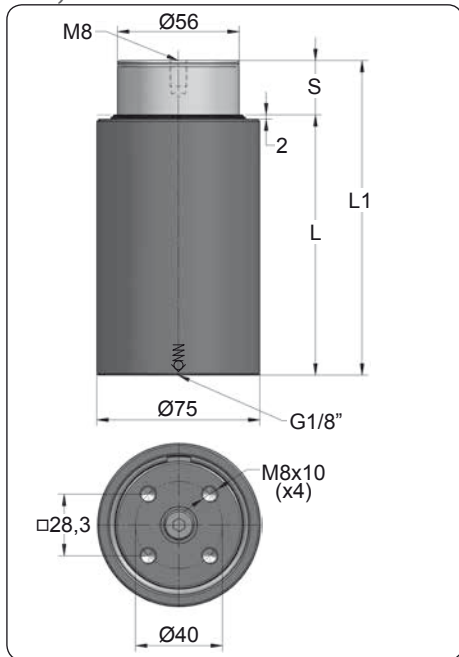
<b>MODEL</b>	✗ CW 1500 KZ 1500	✗ CT 1500 CK 1500	CM 1500 CD 1500	✗ CPH 2800 CP 3000	CS 3000			
<b>SERIES</b>	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 



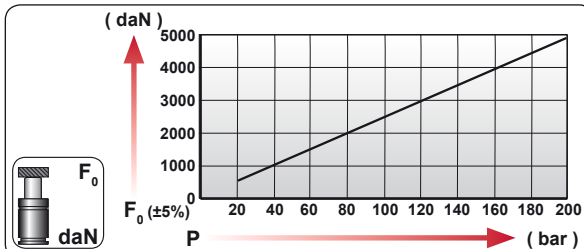
<b>CODE</b>	<b>CP 3000 050 V1</b>	<b>KIT S-XXXXXXX</b>	✗	<b>06 CG 2-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

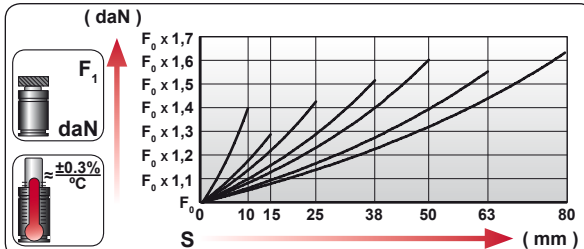
Heavy Load



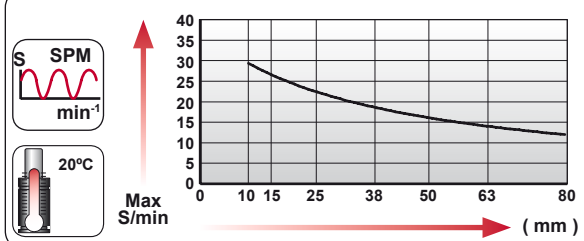
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CP 5000 010 V1	10	100	90	2.30
CP 5000 015 V1	15	125	110	2.56
CP 5000 025 V1	25	145	120	2.78
CP 5000 038 V1	38	175	137	3.11
CP 5000 050 V1	50	200	150	3.38
CP 5000 063 V1	63	240	177	3.81
CP 5000 080 V1	80	275	195	4.20



CODE					
		bar	psi		
CP 5000 050 V1		200	2900	4925	7890
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
	CP 5000 50		
	CP 5000 050 V1		



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

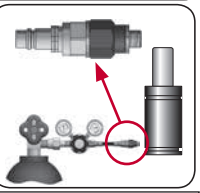
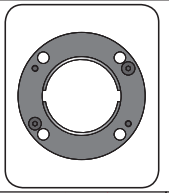
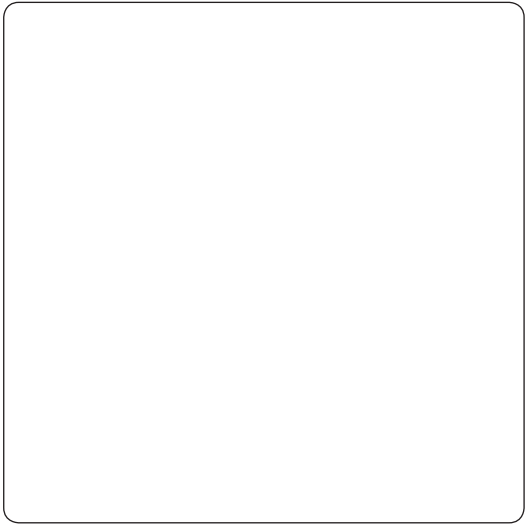
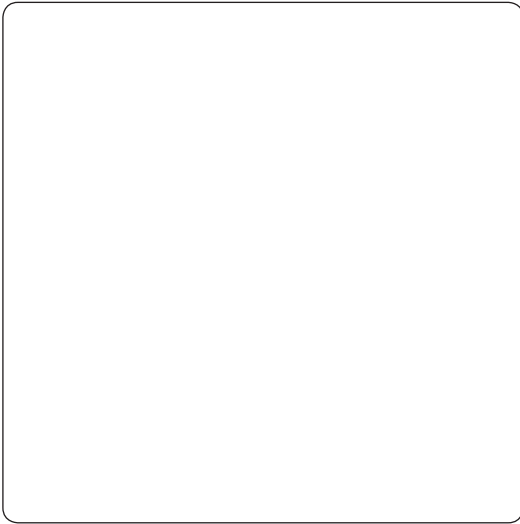
bar	psi	bar	psi	°C	°F	°C	°F	
20	290	200	2900	0	32	80	176	



# CP 5000 V1 MOUNTS

Heavy Load

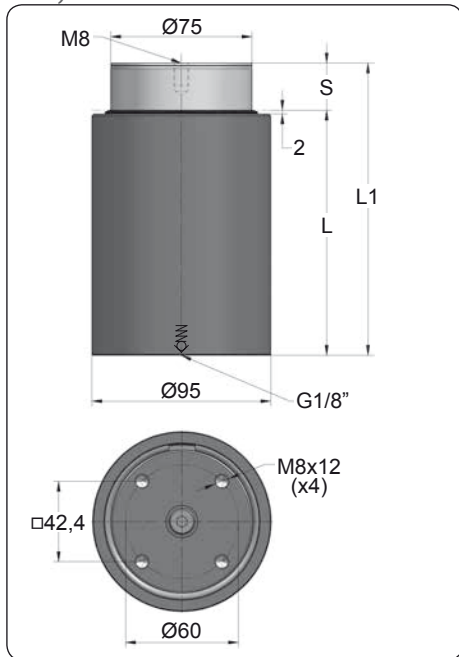
  	 $\varnothing 75$ L1=145 L1=159	 $\varnothing 75$ L1=154 L1=160 L1=160	 $\varnothing 75$ L1=185 L1=195 L1=210	 $\varnothing 75$ L1=210	 $\varnothing 75$ L1=175 L1=200	 $\varnothing 75$ L1=240		
MODEL	✗	CW 2400 KZ 2400	✗	CT 2500 CK 2500 FD 1500	GN 1500 CM 2500 CD 2400	AG 1500	CPH 4300 CP 5000	CS 4700
SERIES	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE



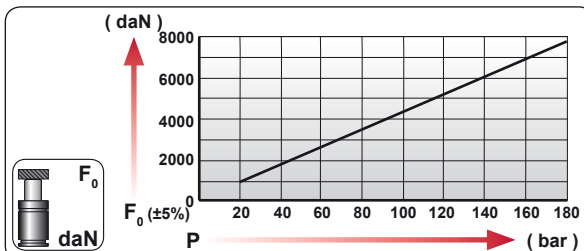
CODE	CP 5000 050 V1	KIT S-XXXXXXX	✗	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE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

# CP 8000 V1

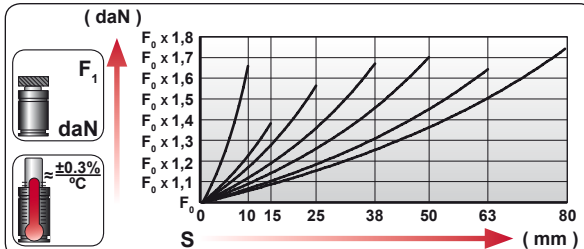
Heavy Load

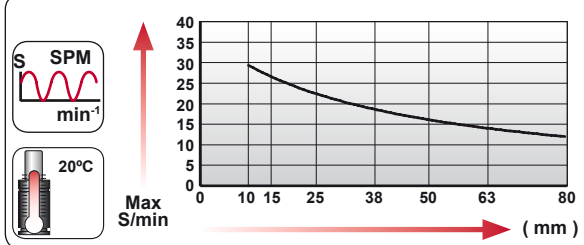
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CP 8000 010 V1	10	110	100	4.24
CP 8000 015 V1	15	135	120	4.64
CP 8000 025 V1	25	155	130	4.99
CP 8000 038 V1	38	185	147	5.50
CP 8000 050 V1	50	215	165	6.00
CP 8000 063 V1	63	255	192	6.66
CP 8000 080 V1	80	290	210	7.26



CODE		bar	psi	F <sub>0</sub> daN	F <sub>1</sub> daN
CP 8000 050 V1		180	2610	7950	13530
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		F <sub>0</sub> daN	S mm
		CP 8000	50
		CP 8000 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	v <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C) P <sub>max</sub> (20°C)	T <sub>min</sub> T <sub>max</sub>	

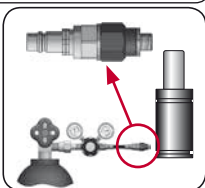
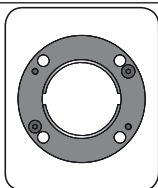
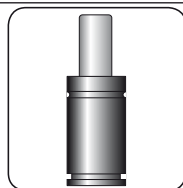
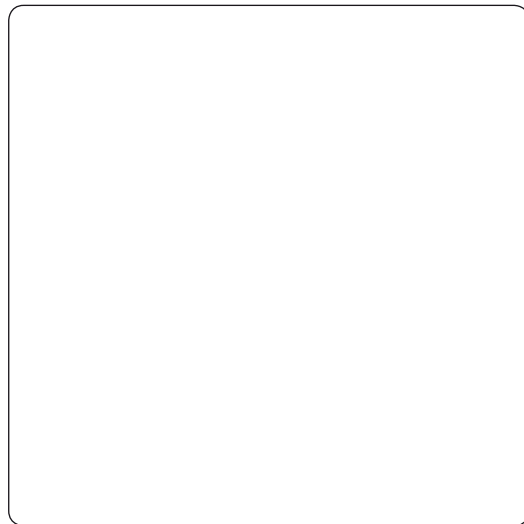
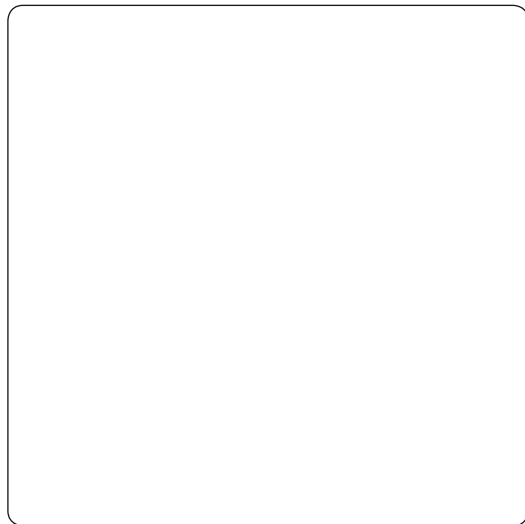
N <sub>2</sub>	S <sub>max</sub> < 90%	v <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	
			20 290	180 2610	0 32	80 176	



# CP 8000 V1 MOUNTS

Heavy Load

s mm mm L1 mm	50 Ø95 L1=158 L1=162	50 Ø95 L1=170 L1=170	50 Ø95 L1=195 L1=205 L1=220	50 Ø95 L1=220	50 Ø95 L1=215	50 Ø95 L1=255		
MODEL	CW 4200 KZ 4200		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 >Pmax	POWER COMPACT STROKE <S >F <sub>0</sub>



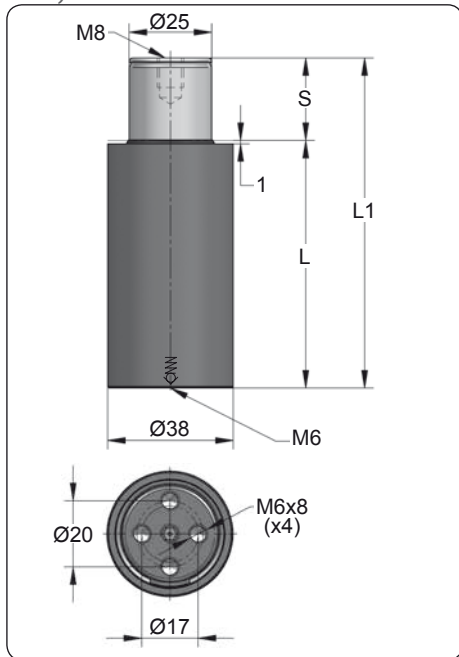
CODE	CP 8000 050 V1	KIT S-XXXXXXX		18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA



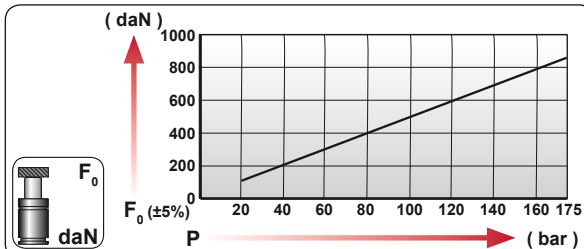


# CPH 850 V1

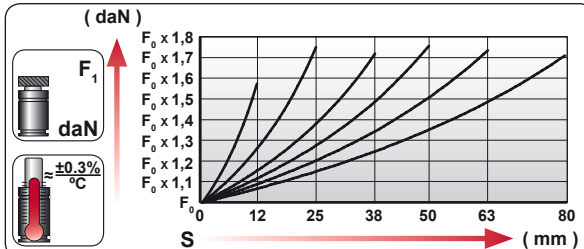
Heavy Load



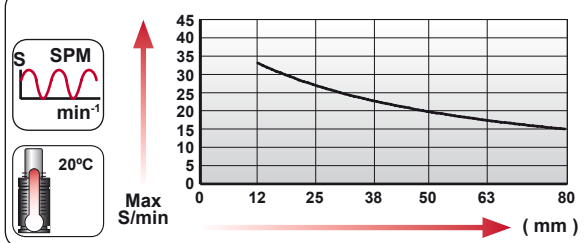
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CPH 850 012 V1	12	74	62	0,43
CPH 850 025 V1	25	100	75	0,50
CPH 850 038 V1	38	130	92	0,58
CPH 850 050 V1	50	155	105	0,64
CPH 850 063 V1	63	185	122	0,72
CPH 850 080 V1	80	225	145	0,82



CODE					
		bar	psi		
CPH 850 050 V1		165	2395	810	1420
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CPH 850	50
		CPH 850 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

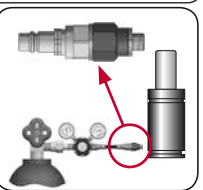
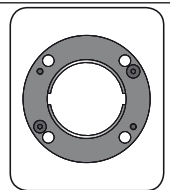
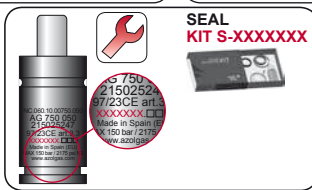
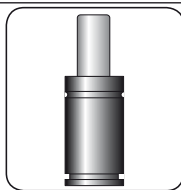
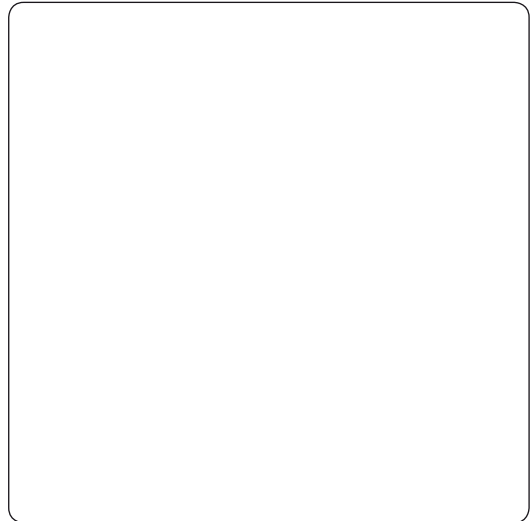
bar	psi	bar	psi	°C	°F	°C	°F	
20	290	175	2540	0	32	80	176	



# CPH 850 V1 MOUNTS

Heavy Load

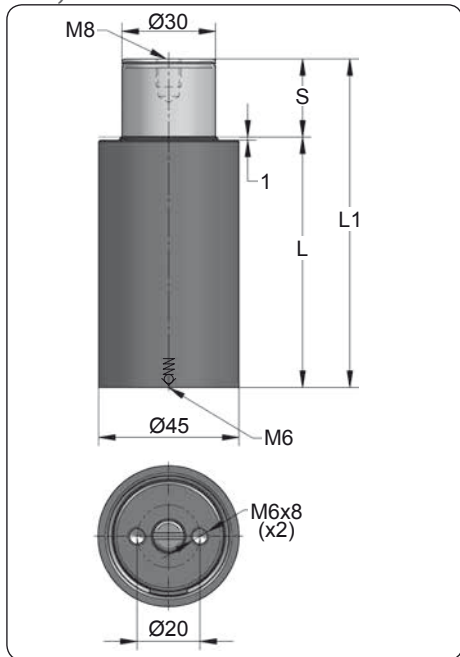
MODEL	<b>X</b>	CW 500 KZ 500	AS 300	CT 550 CK 570	CM 500 CD 500	APFA 250	<b>CPH 850</b> <b>CP 1000</b>	CS 1000
SERIES	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE



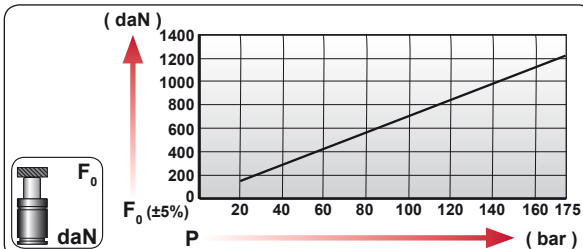
CODE	<b>CPH 850 050 V1</b>	<b>KIT S-XXXXXXX</b>	<b>X</b>	<b>06 CG 2-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

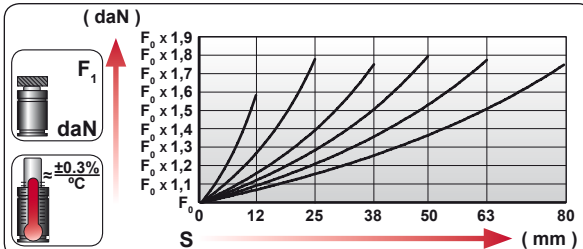
Heavy Load



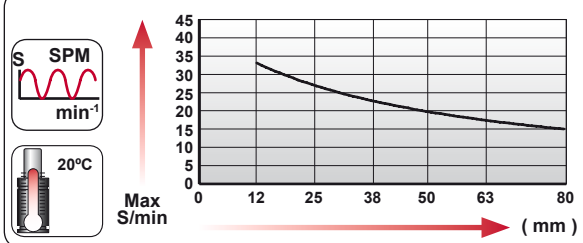
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CPH 1250 012 V1	12	79	67	0.61
CPH 1250 025 V1	25	105	80	0.73
CPH 1250 038 V1	38	135	97	0.81
CPH 1250 050 V1	50	160	110	0.98
CPH 1250 063 V1	63	190	127	1.12
CPH 1250 080 V1	80	230	150	1.25



CODE					
		bar	psi		
CPH 1250 050 V1		170	2465	1200	2150
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CPH 1250	50
		CPH 1250 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

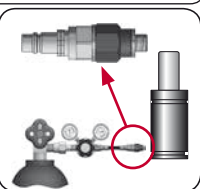
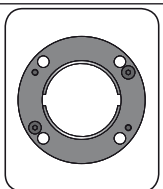
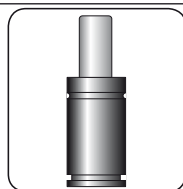
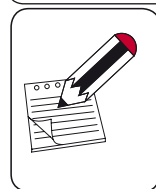
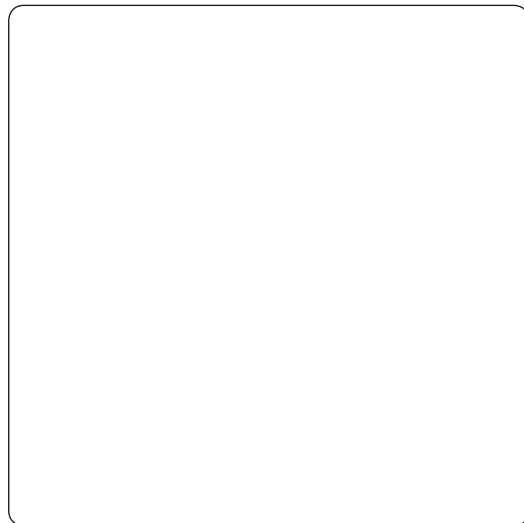
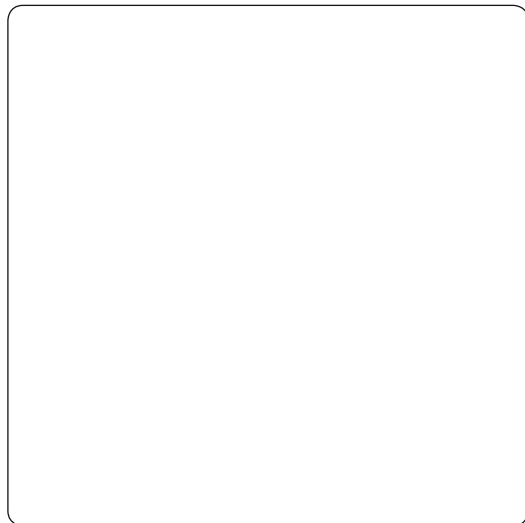
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	°C °F	
			20 290	175 2540	0 32	80 176			



# CPH 1250 V1 MOUNTS

Heavy Load

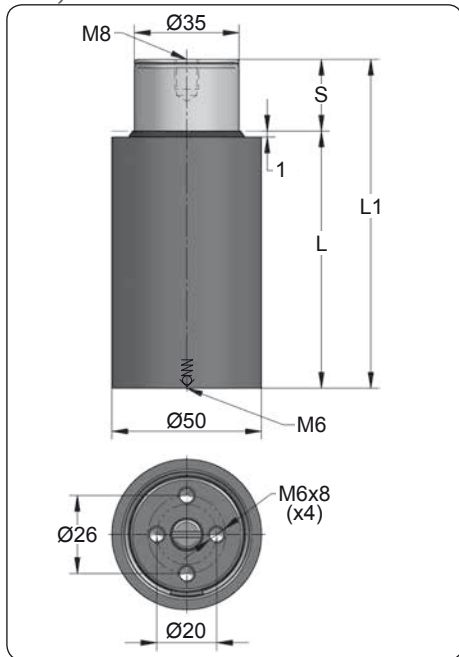
MODEL	<b>X</b>	CW 750 KZ 750	AS 700	CK 750 FD 500	CM 600 CD 700	APF 500	CPH 1250	<b>X</b>
SERIES	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 



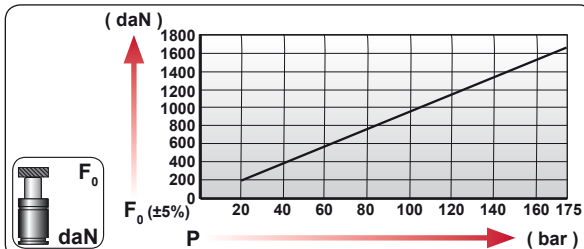
CODE	CPH 1250 050 V1	KIT S-XXXXXXX	<b>X</b>	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# CPH 1700 V1

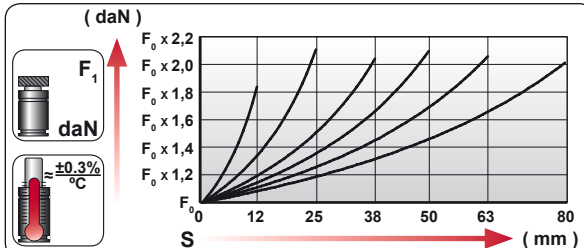
Heavy Load

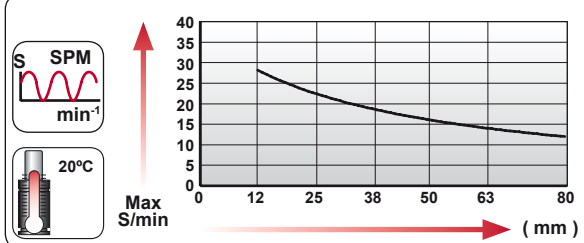
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CPH 1700 012 V1	12	84	72	0.89
CPH 1700 025 V1	25	110	85	1.02
CPH 1700 038 V1	38	140	102	1.18
CPH 1700 050 V1	50	165	115	1.30
CPH 1700 063 V1	63	195	132	1.46
CPH 1700 080 V1	80	235	155	1.66



CODE				
		bar psi	daN	daN
CPH 1700 050 V1		170 2465	1635	3430
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
	CPH 1700 50		
	CPH 1700 050 V1		



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

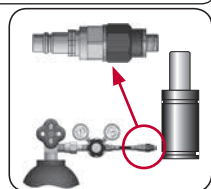
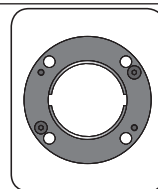
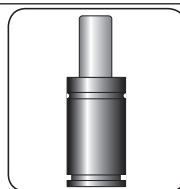
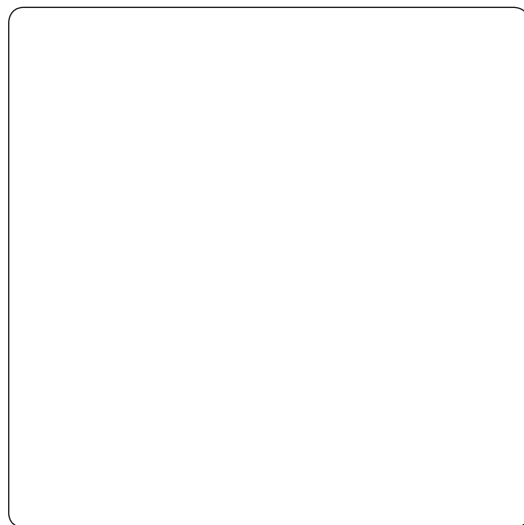
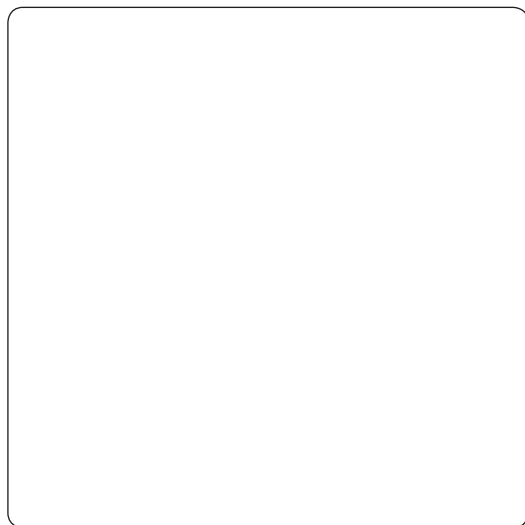
bar	psi	bar	psi	°C	°F	°C	°F	
20	290	175	2540	0	32	80	176	



# CPH 1700 V1 MOUNTS

Heavy Load

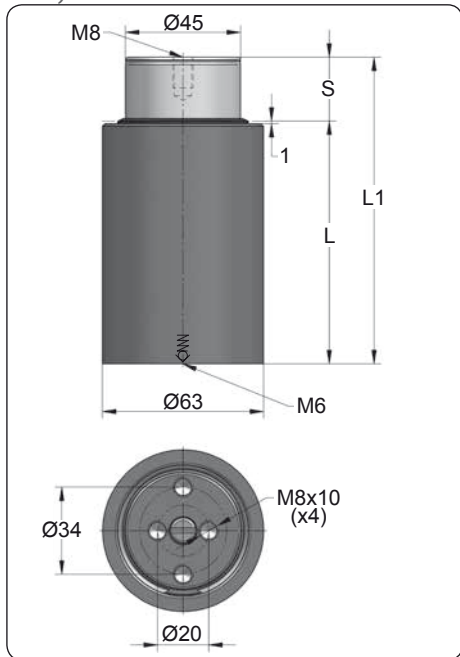
s mm Ø mm L1 mm		Ø50 L1=138 L1=152	Ø50 L1=138	Ø50 L1=138 L1=150 L1=150	Ø50 L1=170 L1=185 L1=195	Ø50 L1=195	Ø50 L1=165 L1=175	Ø50 L1=220
MODEL	<b>X</b>	CW 1000 KZ 1000	AS 1000	CT 1000 CK 1000 FD 750	GN 750 CM 1000 CD 1000	AG 750	<b>CPH 1700</b> CP 2000	CS 1800
SERIES	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD <b>&gt;Pmax</b> 	POWER COMPACT STROKE <b>&lt;S</b> <b>&gt;F0</b> 



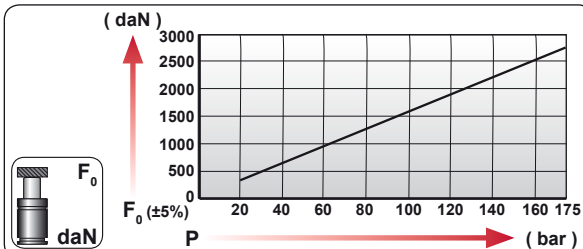
CODE	<b>CPH 1700 050 V1</b>	<b>KIT S-XXXXXXX</b>	<b>X</b>	<b>06 CG 2-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

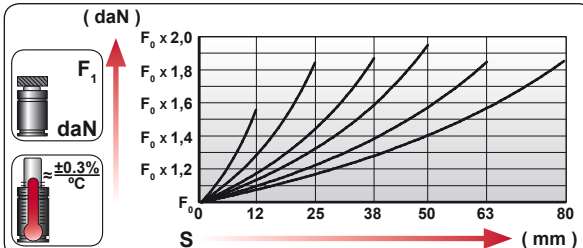
Heavy Load



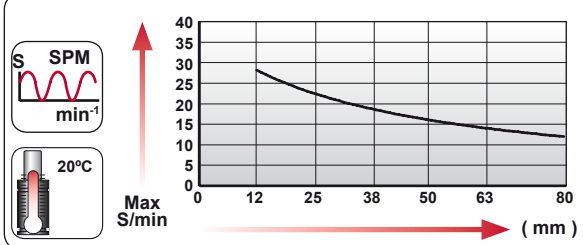
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CPH 2800 012 V1	12	94	82	1.58
CPH 2800 025 V1	25	120	95	1.79
CPH 2800 038 V1	38	150	112	2.04
CPH 2800 050 V1	50	175	125	2.24
CPH 2800 063 V1	63	210	147	2.53
CPH 2800 080 V1	80	250	170	2.85



CODE					
		bar	psi		
CPH 2800 050 V1		170	2465	2700	5260
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CPH 2800	50
		CPH 2800 050 V1	



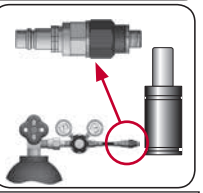
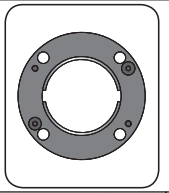
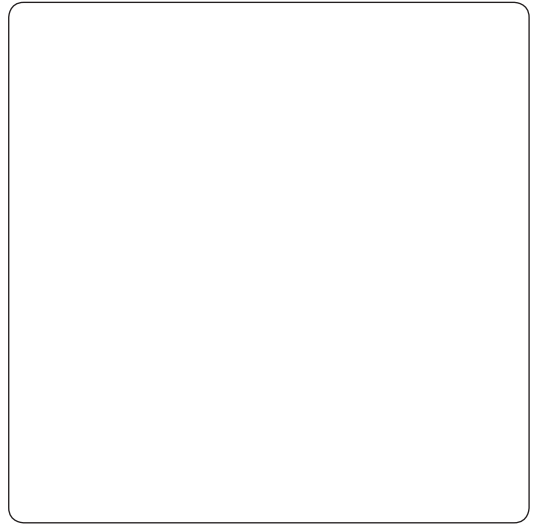
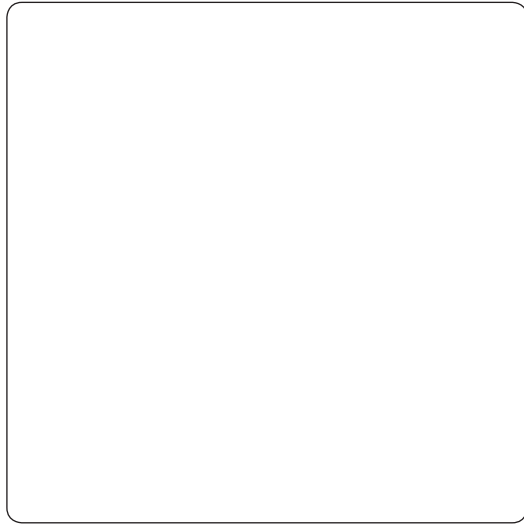
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar	psi	bar	psi	°C	°F	°C	°F	
20	290	175	2540	0	32	80	176	

# CPH 2800 V1 MOUNTS

Heavy Load

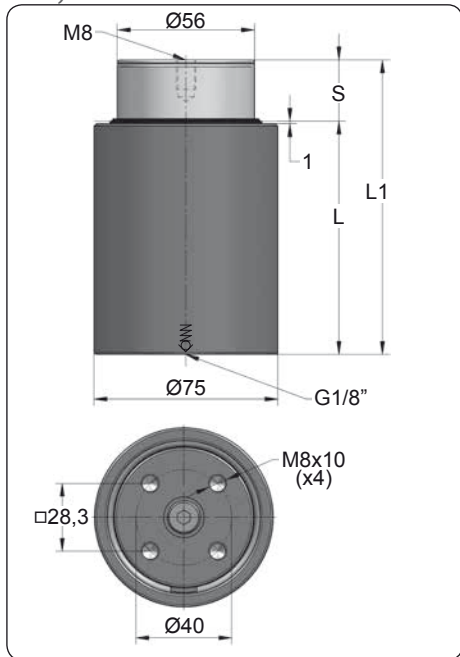
<b>MODEL</b>	✗ CW 1500 KZ 1500	✗ CT 1500 CK 1500	CM 1500 CD 1500	✗ CPH 2800 CP 3000	CS 3000			
<b>SERIES</b>	MINI 	COMPACT HEIGHT 	THREADED 	LOW PROFILE 	HEAVY DUTY 	ISO 	HEAVY LOAD 	POWER COMPACT STROKE 



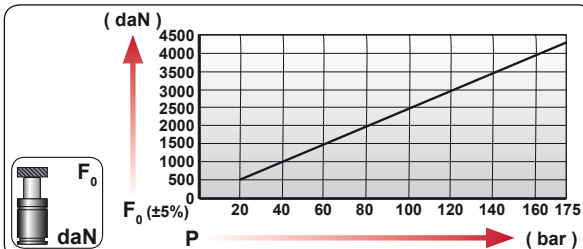
<b>CODE</b>	<b>CPH 2800 050 V1</b>	<b>KIT S-XXXXXXX</b>	✗	<b>06 CG 2-Q</b>
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# CPH 4300 V1

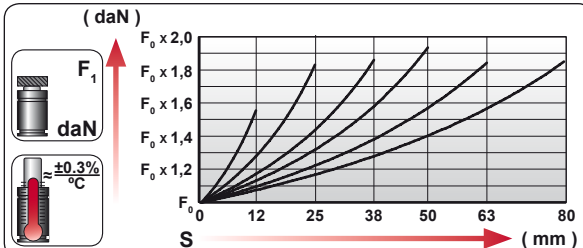
Heavy Load



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



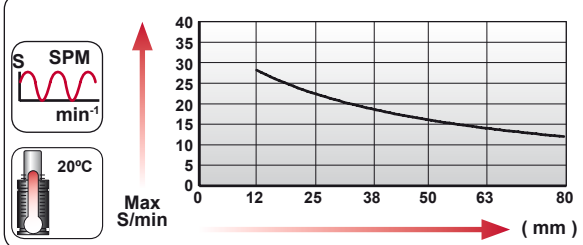
CODE					
		bar	psi		
CPH 4300 050 V1		170	2465	4190	8100
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	ENG ORDER		
	DEU BESTELLUNG	daN	mm
	FRA COMMANDE		
	ITA ORDINE		
	ESP PEDIDO		
POR PEDIDO			

CPH 4300 50

CPH 4300 050 V1



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	




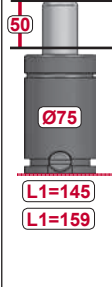


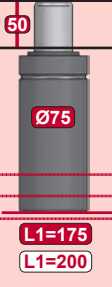
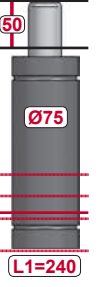








N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	175 2540	0 32	80 176		

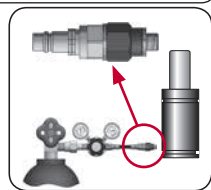
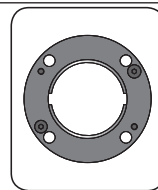
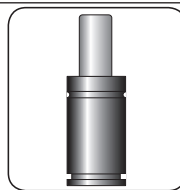
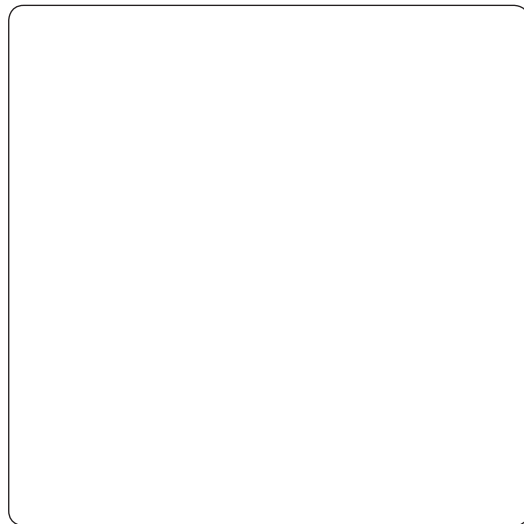
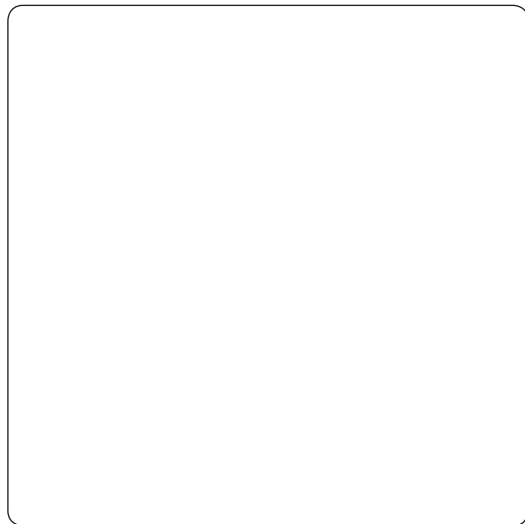




# CPH 4300 V1 MOUNTS

Heavy Load

  								
MODEL	<p><b>X</b></p> CW 2400 KZ 2400	<p><b>X</b></p>	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 



CODE	CPH 4300 050 V1	KIT S-XXXXXXX	<b>X</b>	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA





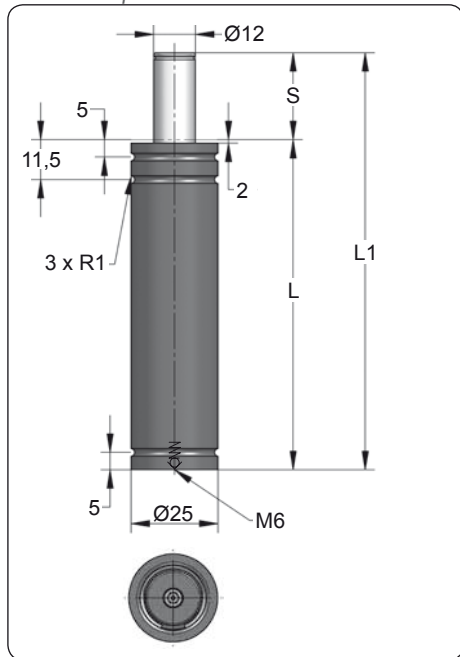
# CS POWER COMPACT STROKE

MODEL	$F_0$	$\emptyset$	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	✓

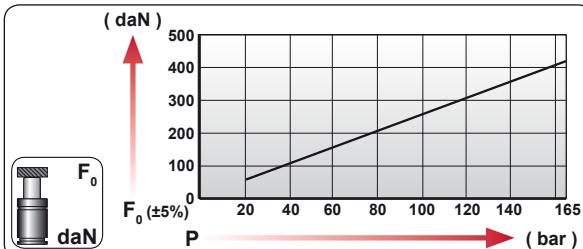
	$s$	$\emptyset$	S	L1	Pmax	Charge Port		
	mm	50	50	50	50	50	50	50
	mm	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50	Ø50
	mm	L1=138 L1=152	L1=138	L1=138 L1=150 L1=150	L1=170 L1=185 L1=195	L1=195	L1=165 L1=175	L1=220
	daN	1000 1000	1000	1000 1000 750	750 1000 1000	750	1700 2000	1800
MODEL	X	CW 1000 KZ 1000	AS 1000	CT 1000 CK 1000 FD 750	GN 750 CM 1000 CD 1000	AG 750	CP 2000	CS 1800
SERIES	MINI	COMPACT HEIGHT	THREADED	LOW PROFILE	HEAVY DUTY	ISO	HEAVY LOAD	POWER COMPACT STROKE

# CS 420 V1

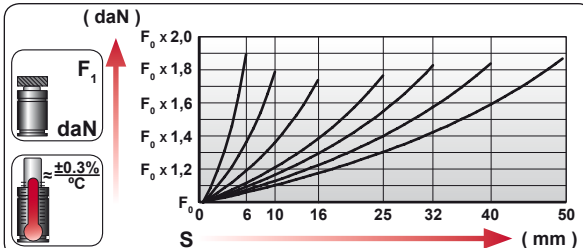
Power Compact Stroke



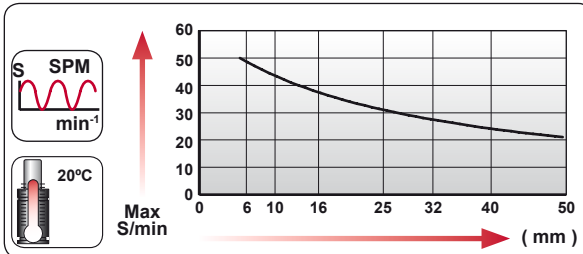
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS 420 006 V1	6	56	50	0.14
CS 420 010 V1	10	70	60	0.16
CS 420 016 V1	16	91	75	0.20
CS 420 025 V1	25	120	95	0.24
CS 420 032 V1	32	140	108	0.27
CS 420 040 V1	40	165	125	0.31
CS 420 050 V1	50	195	145	0.35



CODE					
		bar	psi		
CS 420 050 V1		165	2395	420	740
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CS 420	50
		CS 420 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

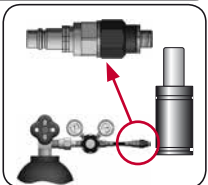
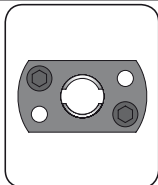
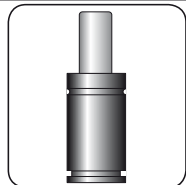
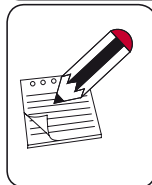
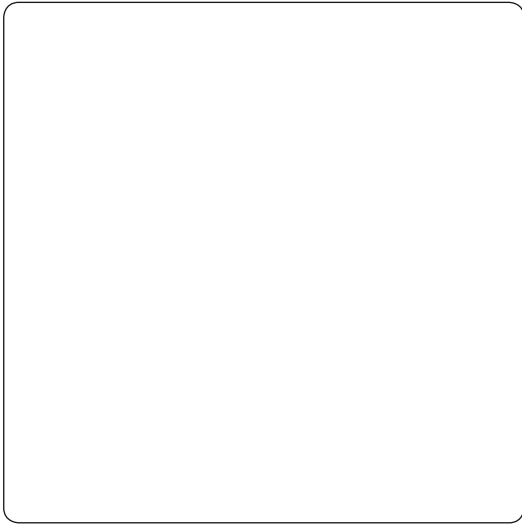
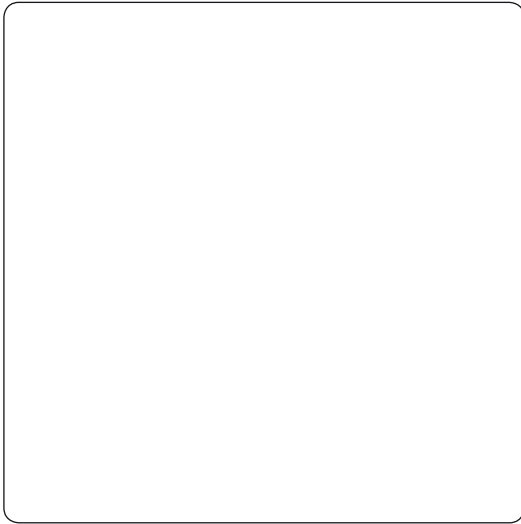
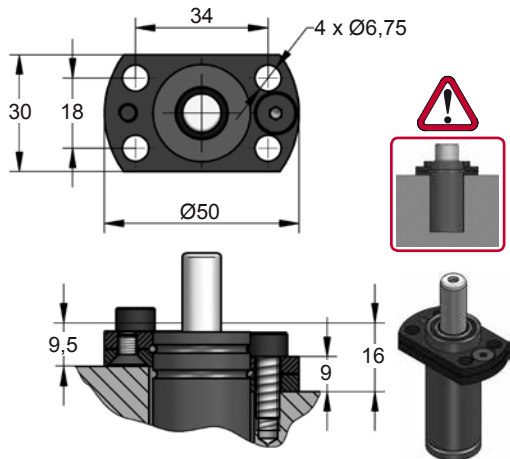
bar	psi	bar	psi	°C	°F	°C	°F	
20	290	165	2395	0	32	80	176	



# CS 420 V1 MOUNTS

Power Compact Stroke

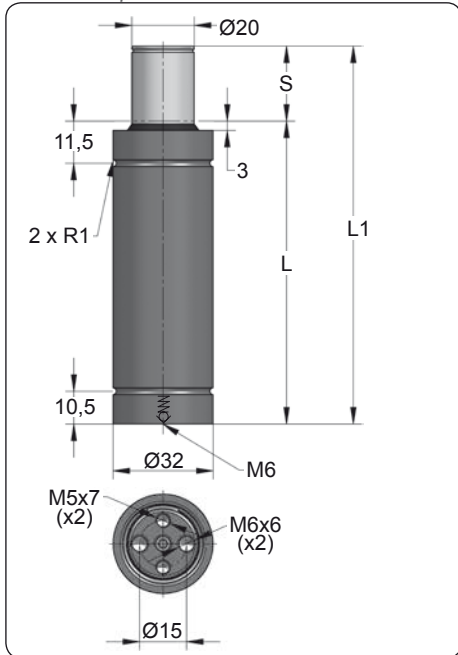
## A44-025



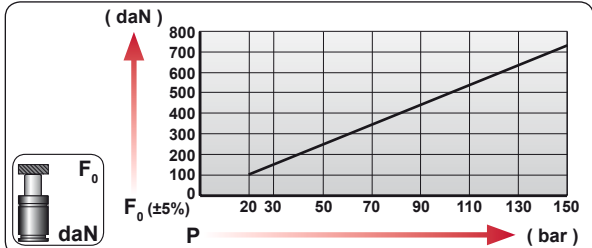
CODE	CS 420 050 V1	KIT S-XXXXXXX	A44-025	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

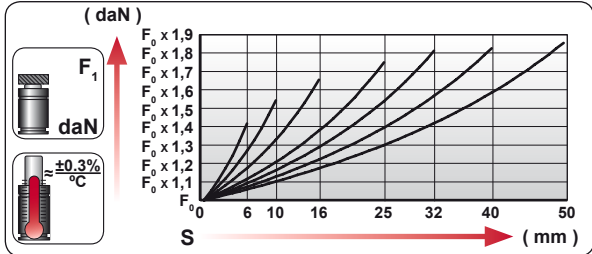
Power Compact Stroke



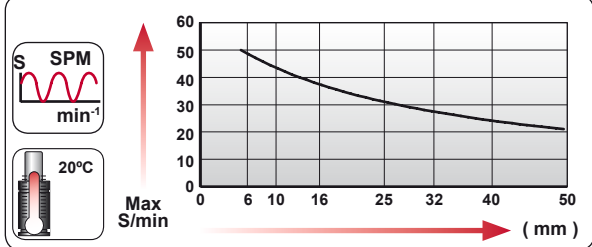
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS 770 006 V2	6	63	57	0.26
CS 770 010 V2	10	75	65	0.28
CS 770 016 V2	16	93	77	0.32
CS 770 025 V2	25	120	95	0.38
CS 770 032 V2	32	140	108	0.43
CS 770 040 V2	40	165	125	0.48
CS 770 050 V2	50	195	145	0.55



CODE				
		bar psi	daN	daN
CS 770 050 V2		150 2175	735	1365
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CS 770	50
		CS 770 050 V2	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

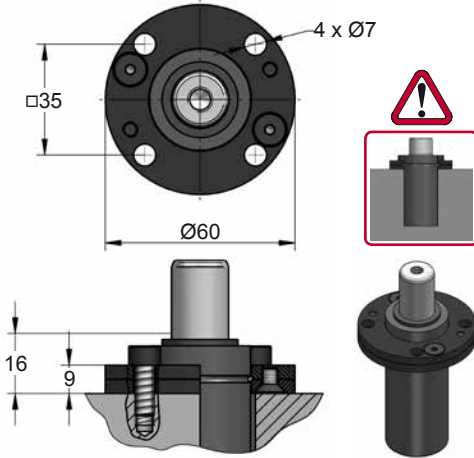
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	150 2175	0 32	80 176		



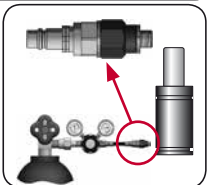
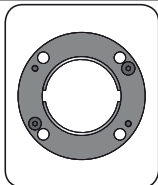
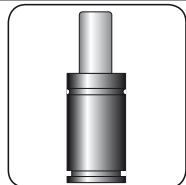
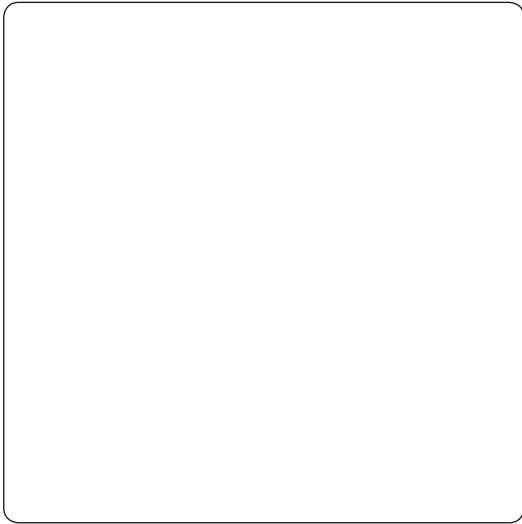
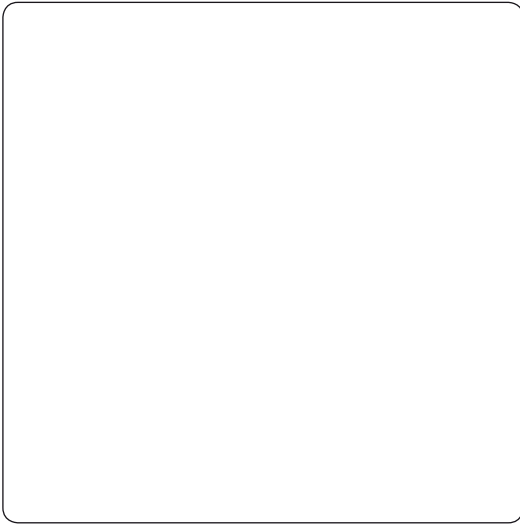
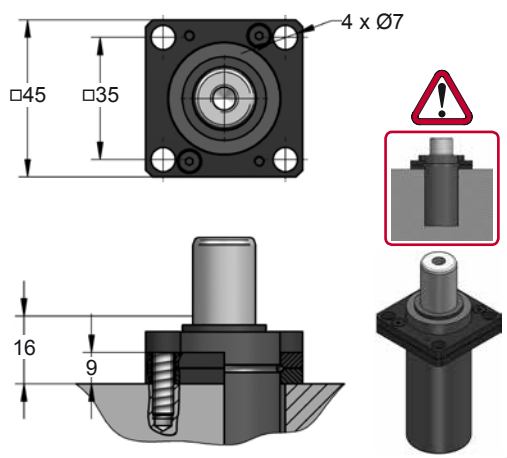
# CS 770 V2 MOUNTS

Power Compact Stroke

## A14-032



## A34-032

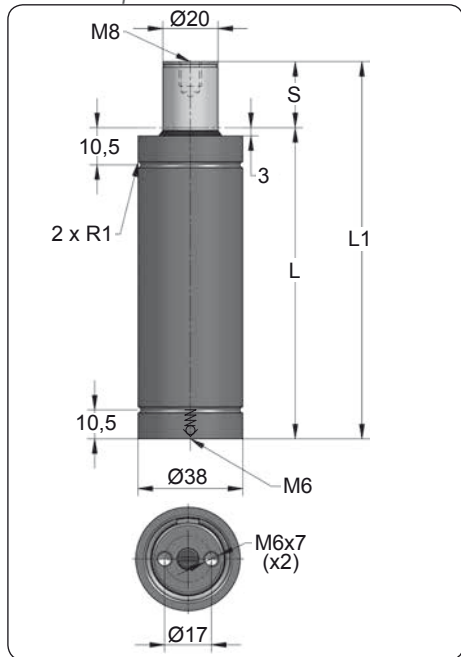


CODE	CS 770 050 V2	KIT S-XXXXXXX	A14-032	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

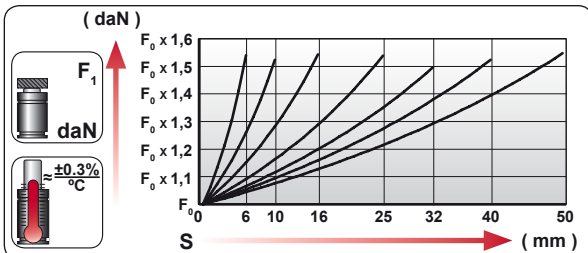
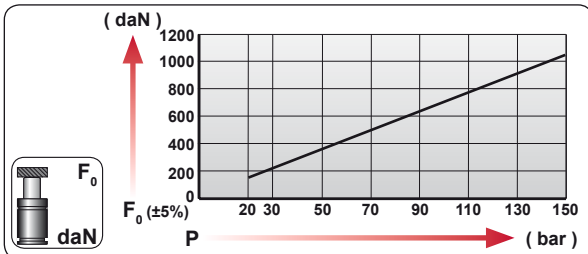
Power Compact Stroke

BMW B2 4006		PSA	E24.54.815.G

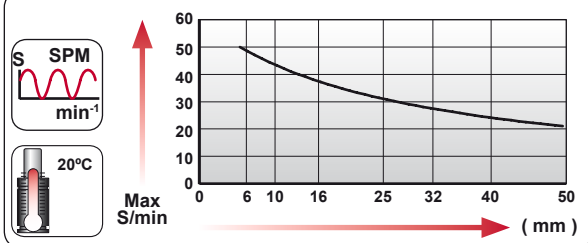


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS 1000 006 V1	6	61	55	0.36
CS 1000 010 V1	10	78	68	0.41
CS 1000 016 V1	16	100	84	0.47
CS 1000 025 V1	25	135	110	0.57
CS 1000 032 V1	32	167	135	0.66
CS 1000 040 V1	40	195	155	0.74
CS 1000 050 V1	50	230	180	0.84

CODE				
		bar psi	daN	daN
CS 1000 050 V1		150 2175	1060	1640
-----		---	---	---



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CS 1000	50
		CS 1000 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	150 2175	0 32	80 176		

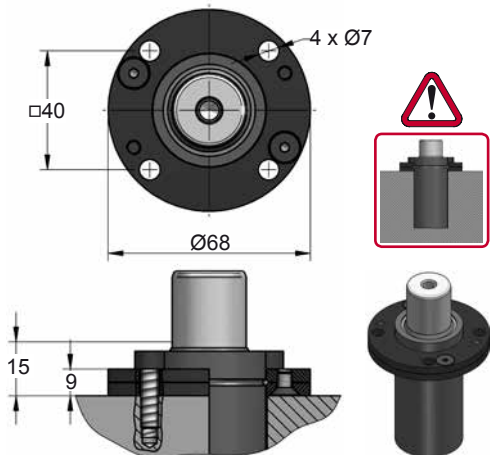




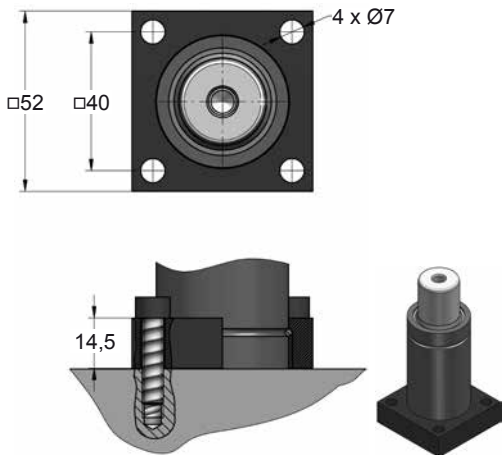
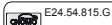
# CS 1000 V1 MOUNTS

Power Compact Stroke

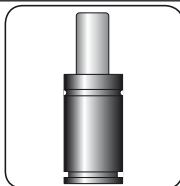
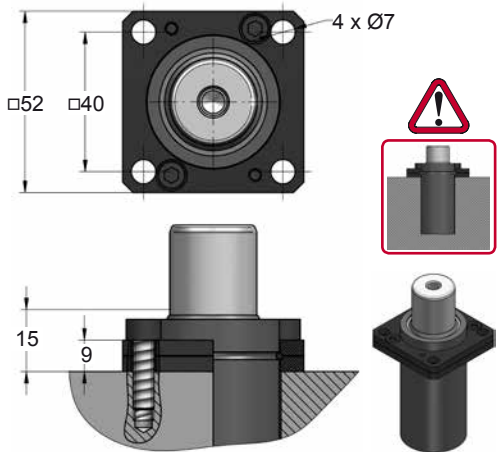
## A14-038



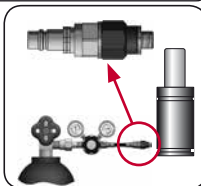
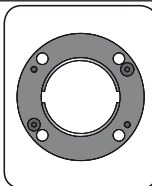
## A19-038



## A34-038



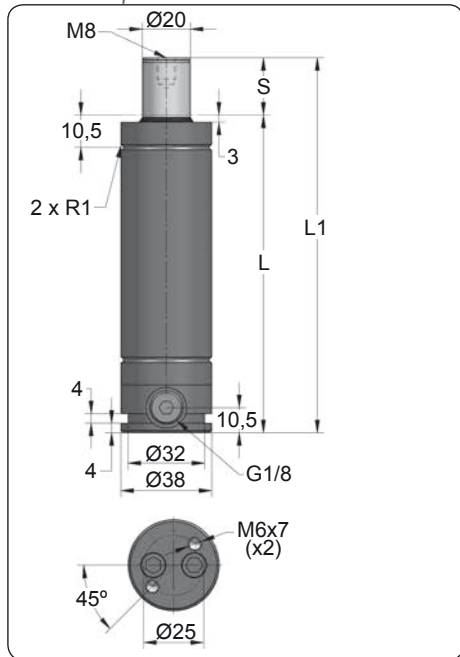
SEAL KIT S-XXXXXXX



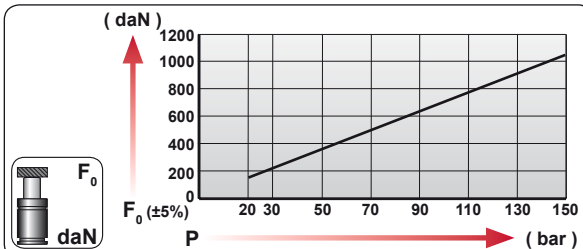
CODE	CS 1000 050 V1	KIT S-XXXXXXX	A14-038	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# CS-KC 1000 V1

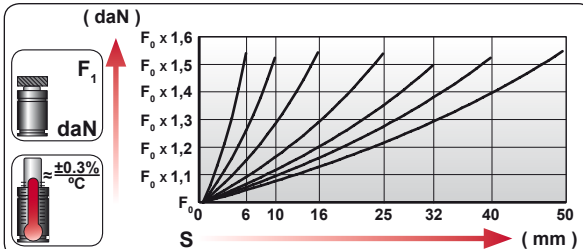
Power Compact Stroke



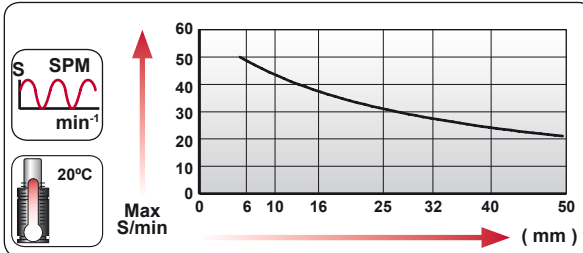
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS-KC 1000 006 V1	6	81	75	0.51
CS-KC 1000 010 V1	10	98	88	0.56
CS-KC 1000 016 V1	16	120	104	0.63
CS-KC 1000 025 V1	25	155	130	0.73
CS-KC 1000 032 V1	32	187	155	0.82
CS-KC 1000 040 V1	40	215	175	0.90
CS-KC 1000 050 V1	50	250	200	1.00



CODE				
		bar psi	daN	daN
-----		---	---	---
CS-KC 1000 050 V1		0 0	---	---



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CS-KC 1000	50
		CS-KC 1000 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	



# CS-KC 1000 V1 MOUNTS

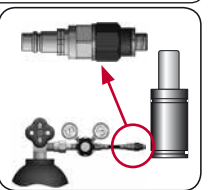
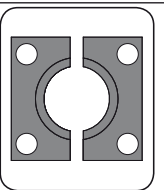
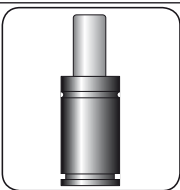
Power Compact Stroke

	<h2>CS-KC</h2>	<h2>CS</h2>																														
	<table border="1"> <thead> <tr> <th>CODE</th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <th></th> <th>bar</th> <th>psi</th> <th>daN</th> <th>daN</th> </tr> </thead> <tbody> <tr> <td>CS-KC 1000 050 V1</td> <td>0</td> <td>0</td> <td>---</td> <td>---</td> </tr> </tbody> </table>	CODE						bar	psi	daN	daN	CS-KC 1000 050 V1	0	0	---	---	<table border="1"> <thead> <tr> <th>CODE</th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <th></th> <th>bar</th> <th>psi</th> <th>daN</th> <th>daN</th> </tr> </thead> <tbody> <tr> <td>CS 1000 050 V1</td> <td>150</td> <td>2175</td> <td>1060</td> <td>1640</td> </tr> </tbody> </table>	CODE						bar	psi	daN	daN	CS 1000 050 V1	150	2175	1060	1640
CODE																																
	bar	psi	daN	daN																												
CS-KC 1000 050 V1	0	0	---	---																												
CODE																																
	bar	psi	daN	daN																												
CS 1000 050 V1	150	2175	1060	1640																												

## C20-038

ISO 15021, VALVE 22, VDI 2230, E24.54.815.G, EM24.54.700/F

## KC 1000

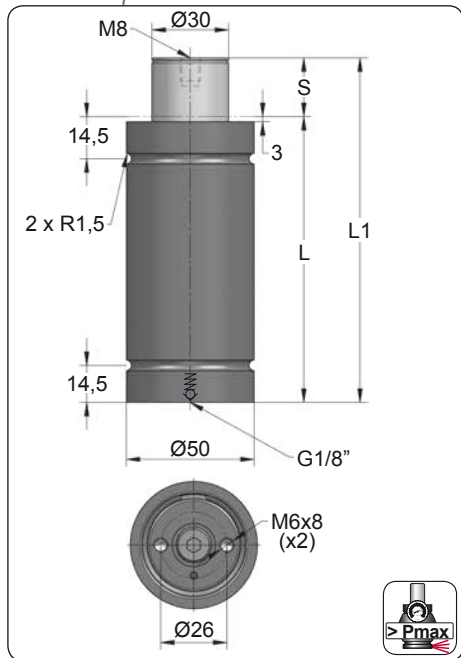


CODE	CS-KC 1000 050 V1	KIT S-XXXXXXX	C20-038	SKK 12R 1/8
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

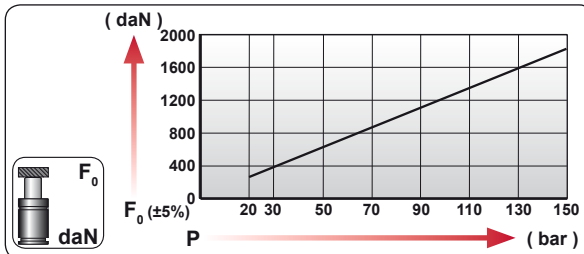
# CS 1800 V1

Power Compact Stroke

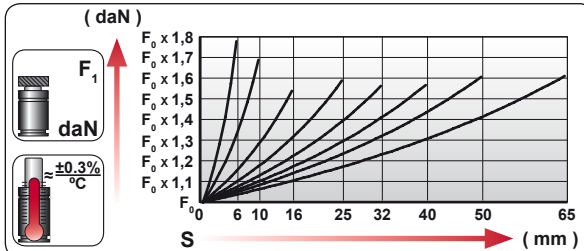
BMW B2 4006		PSA	E24.54.815.G



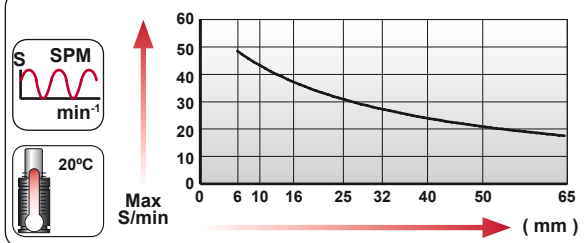
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS 1800 006 V1	6	66	60	0.68
CS 1800 010 V1	10	80	70	0.75
CS 1800 016 V1	16	106	90	0.88
CS 1800 025 V1	25	135	110	1.02
CS 1800 032 V1	32	162	130	1.16
CS 1800 040 V1	40	190	150	1.30
CS 1800 050 V1	50	220	170	1.45
CS 1800 065 V1	65	271	206	1.70



CODE				
		bar psi	daN	daN
CS 1800 050 V1		150 2175	1885	3015
-----		-----	-----	-----



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CS 1800 50	
		CS 1800 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

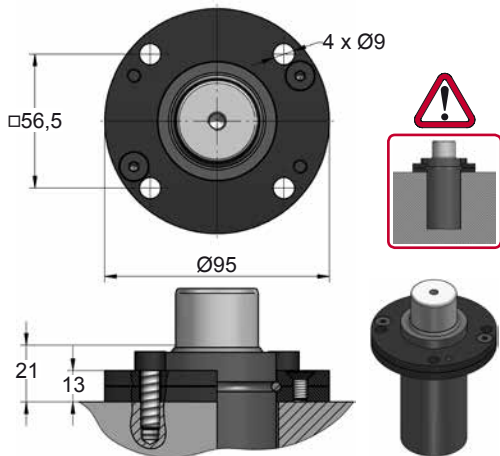
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	150 2175	0 32	80 176		



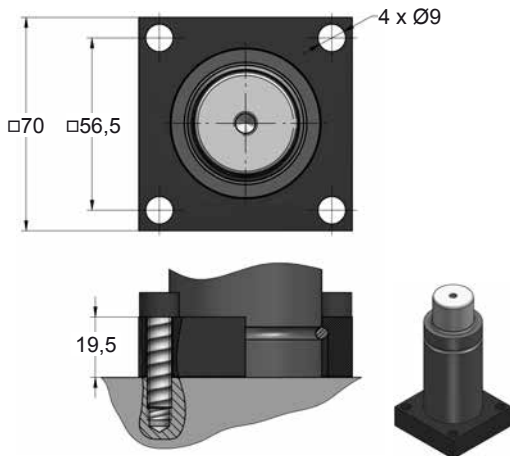
# CS 1800 V1 MOUNTS

Power Compact Stroke

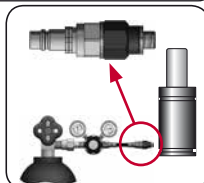
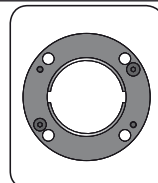
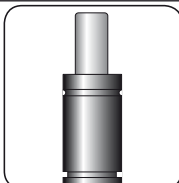
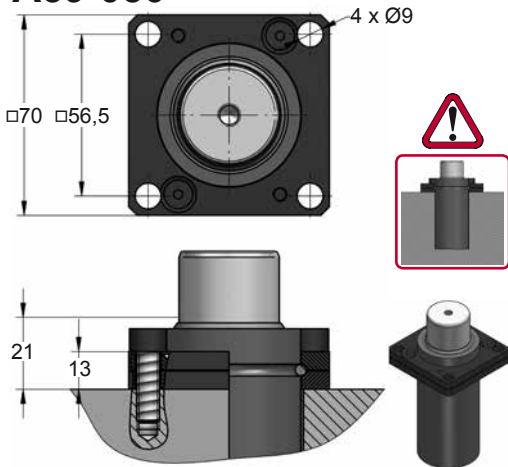
## A49-050



## A54-050



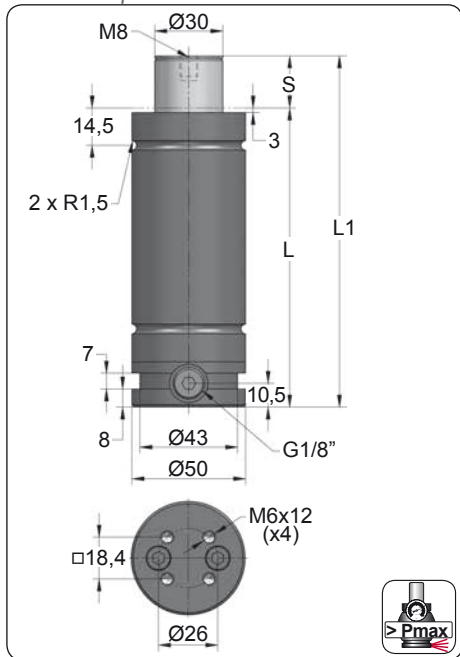
## A59-050



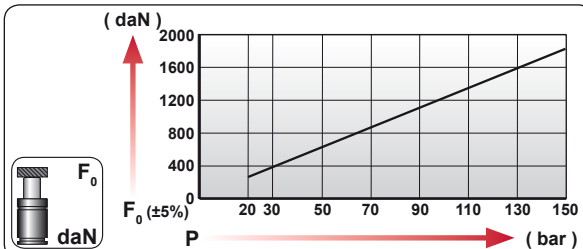
CODE	CS 1800 050 V1	KIT S-XXXXXXX	A49-050	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# CS-KC 1800 V1

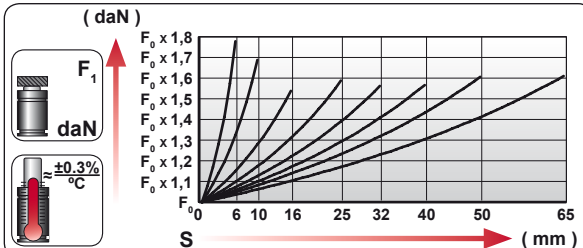
Power Compact Stroke



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



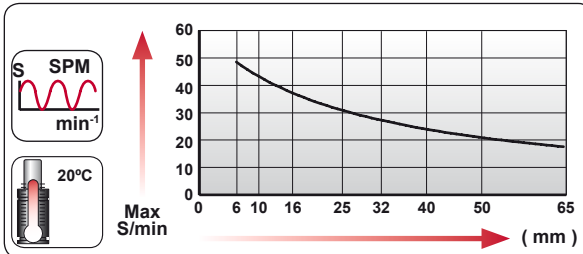
CODE					
		bar	psi		
-----		---	---	---	---
CS-KC 1800 050 V1		0	0	---	---



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

CS-KC 1800 50

CS-KC 1800 050 V1



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176



# CS-KC 1800 V1 MOUNTS

Power Compact Stroke

s mm

Ø mm

L1 mm

## CS-KC

Ø50

L1=240

## CS

Ø50

L1=220

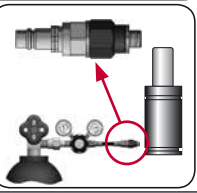
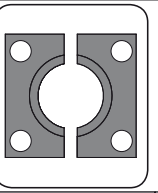
	CODE					bar	psi	daN	daN
	CS-KC 1800 050 V1					0	0	---	---

	CODE					bar	psi	daN	daN
	CS 1800 050 V1					150	2175	1885	3015

## C20-050

ISO 15020 SAE 15020 VDI 2232 EM24.54.815.G EM24.54.700/F

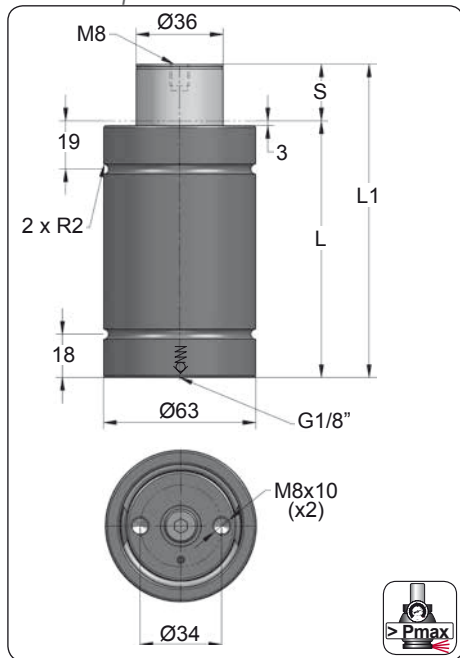
## KC 1800



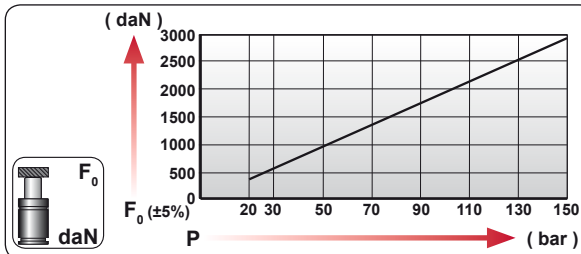
	CODE	CS-KC 1800 050 V1	KIT S-XXXXXXX	C20-050	SKK 12R 1/8
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

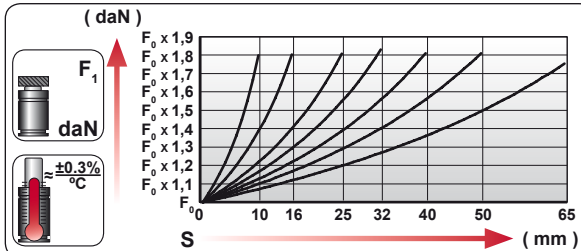
Power Compact Stroke



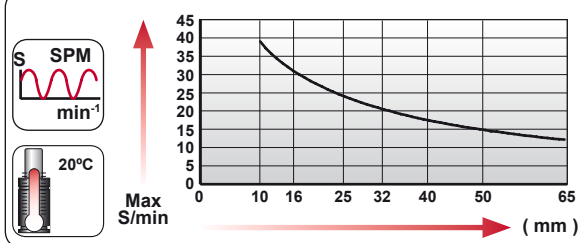
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS 3000 010 V2	10	85	75	1.32
CS 3000 016 V2	16	103	87	1.46
CS 3000 025 V2	25	130	105	1.66
CS 3000 032 V2	32	150	118	1.81
CS 3000 040 V2	40	175	135	2.00
CS 3000 050 V2	50	205	155	2.23
CS 3000 065 V2	65	256	191	2.62



CODE				
		bar psi	daN	daN
CS 3000 050 V2		150 2175	2945	5385
-----		-----	-----	-----



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CS 3000 50	
		CS 3000 050 V2	

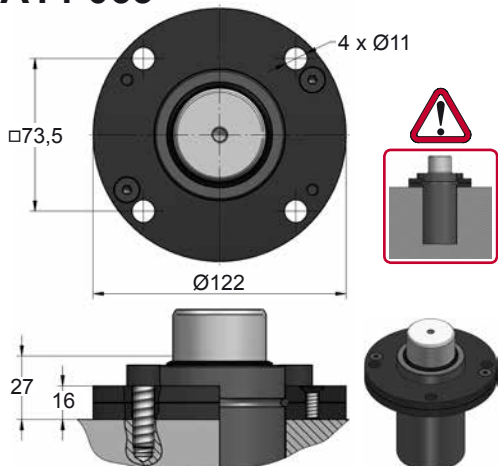


N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

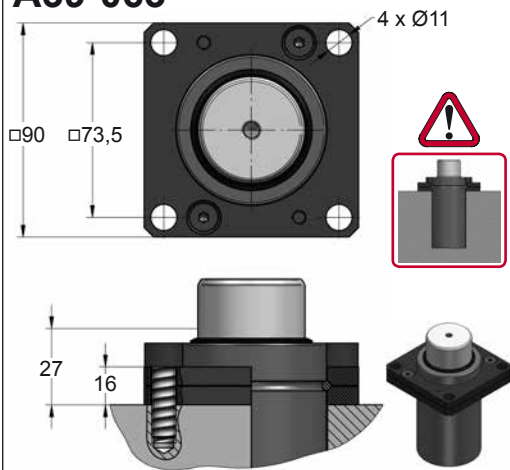
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	150 2175	0 32	80 176		



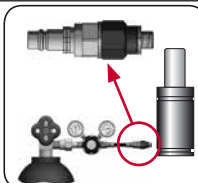
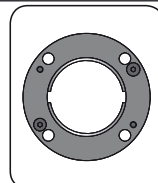
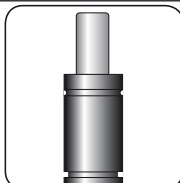
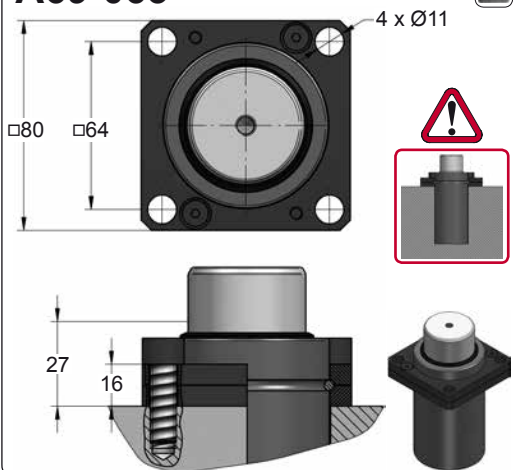
## A14-063



## A39-063



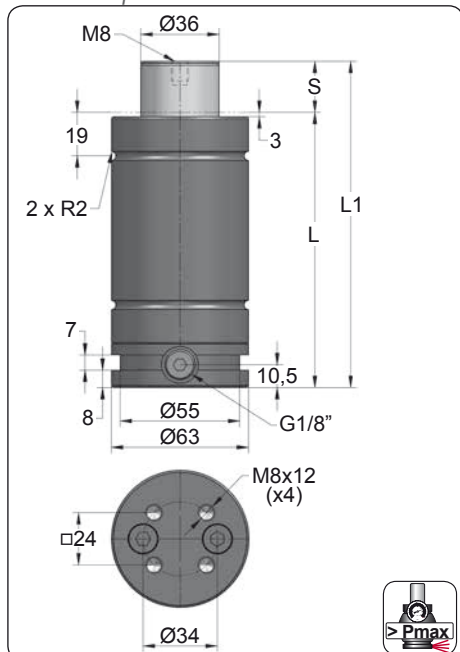
## A69-063



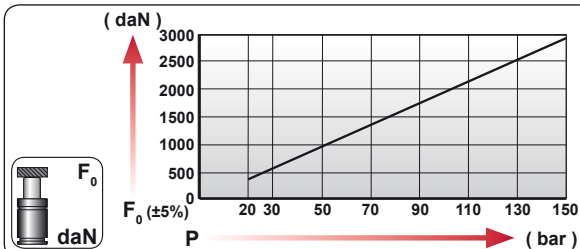
CODE	CS 3000 050 V2	KIT S-XXXXXXX	A14-063	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# CS-KC 3000 V2

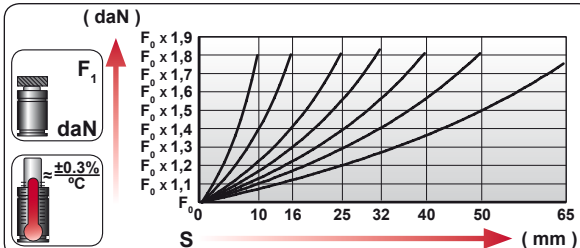
Power Compact Stroke

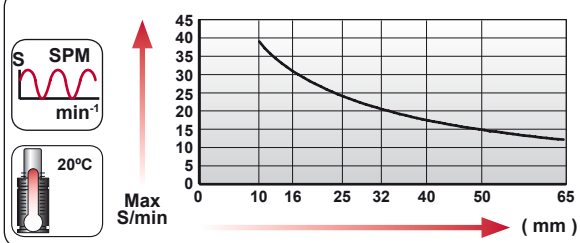
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS-KC 3000 010 V2	10	105	95	1.74
CS-KC 3000 016 V2	16	123	107	1.88
CS-KC 3000 025 V2	25	150	125	2.08
CS-KC 3000 032 V2	32	170	138	2.23
CS-KC 3000 040 V2	40	195	155	2.42
CS-KC 3000 050 V2	50	225	175	2.65
CS-KC 3000 065 V2	65	276	211	3.04



CODE			$F_0$ daN	$F_1$ daN
		bar psi		
-----		--- ---	---	---
CS-KC 3000 050 V2		0 0	---	---



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO	$F_0$ daN	$S$ mm
		50	50
		CS-KC 3000 050 V2	



	$S_{max} < 100\%$	$v$	$P_{min}$ (20°C)	$P_{max}$ (20°C)	$T_{min}$	$T_{max}$	
--	-------------------	-----	------------------	------------------	-----------	-----------	--

$N_2$	$S_{max} < 90\%$	$v_{max} 0,5 \text{ m/s}$	bar psi	bar psi	$^\circ C$ $^\circ F$	$^\circ C$ $^\circ F$	$^\circ C$ $^\circ F$	600 CP-
			20 290	150 2175	0 32	80 176		

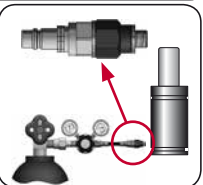
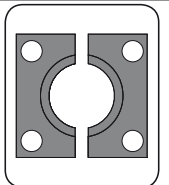
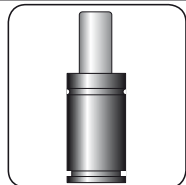
# CS-KC 3000 V2 MOUNTS

Power Compact Stroke

	<h2>CS-KC</h2>	<h2>CS</h2>																														
	<table border="1"> <thead> <tr> <th>CODE</th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <th></th> <th>bar</th> <th>psi</th> <th>daN</th> <th>daN</th> </tr> </thead> <tbody> <tr> <td>CS-KC 3000 050 V1</td> <td></td> <td>0</td> <td>0</td> <td>---</td> </tr> </tbody> </table>	CODE						bar	psi	daN	daN	CS-KC 3000 050 V1		0	0	---	<table border="1"> <thead> <tr> <th>CODE</th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <th></th> <th>bar</th> <th>psi</th> <th>daN</th> <th>daN</th> </tr> </thead> <tbody> <tr> <td>CS 3000 050 V1</td> <td></td> <td>150</td> <td>2175</td> <td>2945 / 5385</td> </tr> </tbody> </table>	CODE						bar	psi	daN	daN	CS 3000 050 V1		150	2175	2945 / 5385
CODE																																
	bar	psi	daN	daN																												
CS-KC 3000 050 V1		0	0	---																												
CODE																																
	bar	psi	daN	daN																												
CS 3000 050 V1		150	2175	2945 / 5385																												

## C35-063

## KC 3000

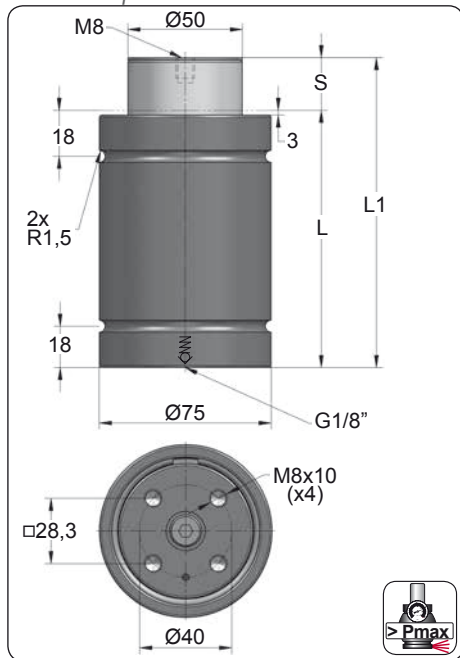


CODE	CS-KC 3000 050 V2	KIT S-XXXXXXX	C35-063	SKK 12R 1/8
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# CS 4700 V1

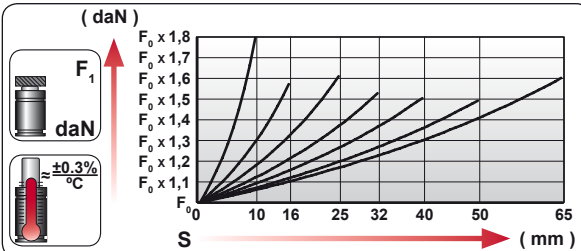
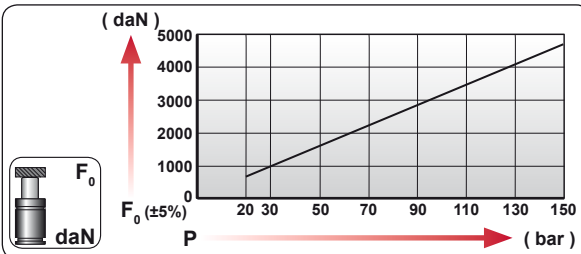
Power Compact Stroke

BMW B2 4006		PSA	E24.54.815.G

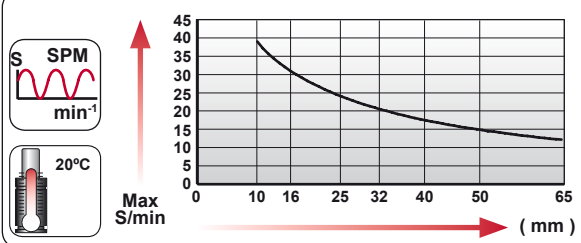


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS 4700 010 V1	10	80	70	1.70
CS 4700 016 V1	16	106	90	1.94
CS 4700 025 V1	25	135	110	2.20
CS 4700 032 V1	32	167	135	2.49
CS 4700 040 V1	40	200	160	2.79
CS 4700 050 V1	50	240	190	3.15
CS 4700 065 V1	65	273	208	3.42

CODE				
		bar	psi	daN
CS 4700 050 V1		150	2175	4675
-----		-----	-----	-----



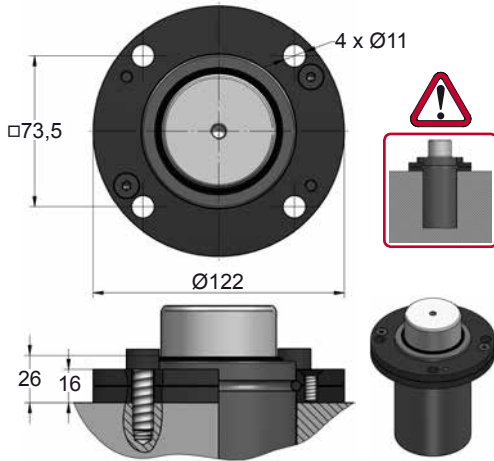
	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CS 4700 50	
		CS 4700 050 V1	



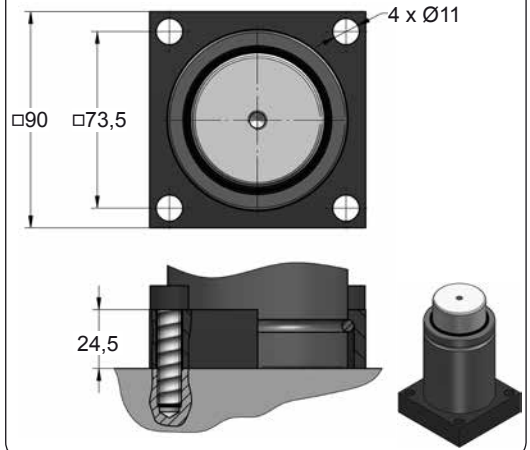
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	150 2175	0 32	80 176		

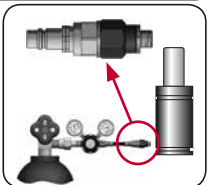
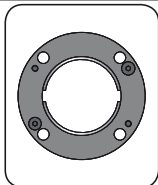
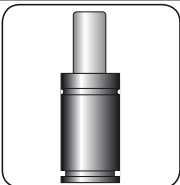
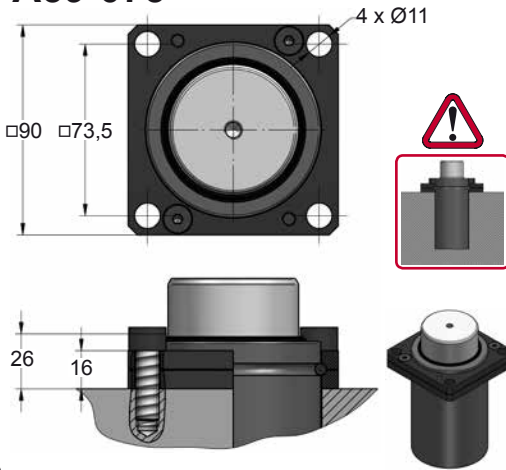
## A49-075



## A54-075



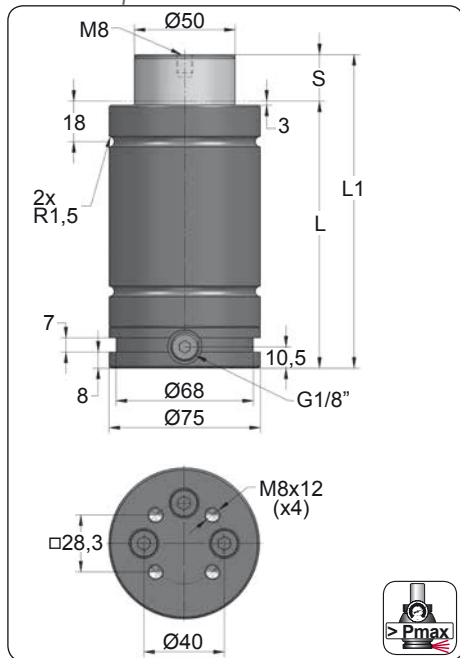
## A59-075



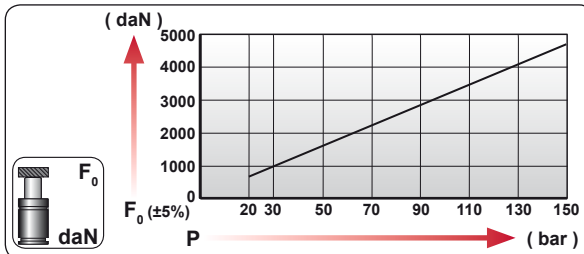
CODE	CS 4700 050 V1	KIT S-XXXXXXX	A49-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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 4700 V1

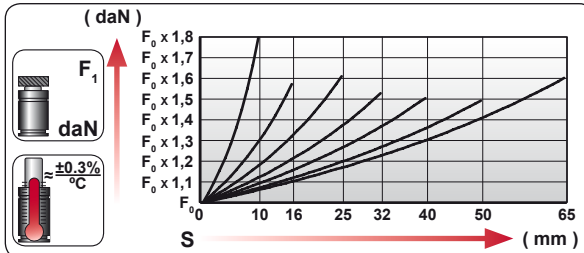
Power Compact Stroke

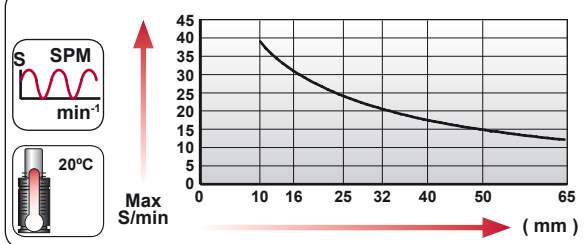
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS-KC 4700 010 V1	10	100	90	2.35
CS-KC 4700 016 V1	16	126	110	2.59
CS-KC 4700 025 V1	25	155	130	2.84
CS-KC 4700 032 V1	32	187	155	3.14
CS-KC 4700 040 V1	40	220	180	3.44
CS-KC 4700 050 V1	50	260	210	3.80
CS-KC 4700 065 V1	65	293	228	4.07



CODE				
	bar	psi	daN	daN
-----	---	---	---	---
CS-KC 4700 050 V1	0	0	---	---



ENG ORDER	DEU BESTELLUNG	FRA COMMANDE	ITA ORDINE	ESP PEDIDO	POR PEDIDO		
						daN	mm
						CS-KC 4700	50
						CS-KC 4700 050 V1	




--	--	--	--	--	--	--	--

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	




# CS-KC 4700 V1 MOUNTS


Power Compact Stroke



s  
mm




mm



L1  
mm

## CS-KC




50

Ø75

20

L1=260





## CS







50





Ø75

L1=240

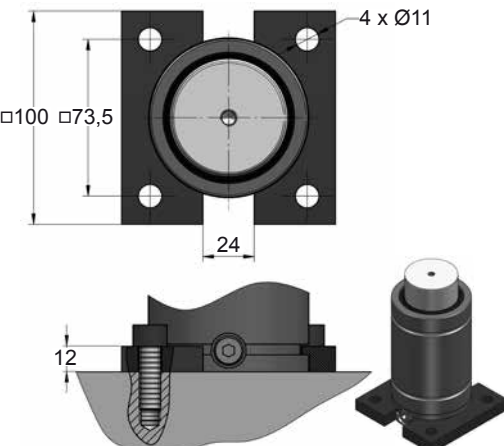
CODE				
	bar	psi	daN	daN
CS-KC 4700 050 V1	0	0	---	---

CODE				
	bar	psi	daN	daN
CS 4700 050 V1	150	2175	4675	6885

## C20-075

E24.54.815.G  
EM24.54.700/F



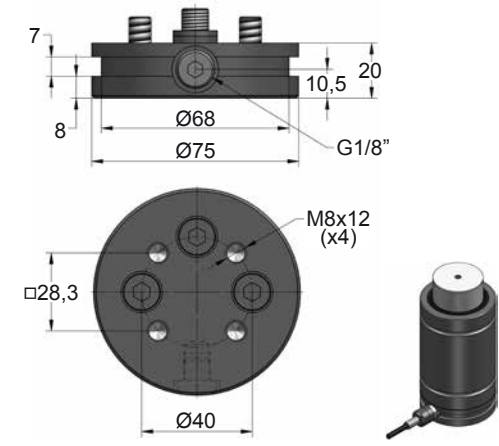
4 x Ø11

□100 □73,5

24

12

## KC 4700



7

8

20

10,5

Ø68

Ø75

G1/8"

Ø40

□28,3

M8x12 (x4)







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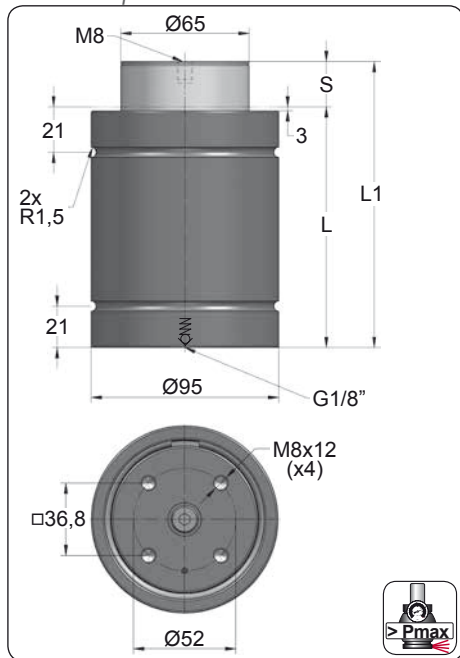


CODE	CS-KC 4700 050 V1	KIT S-XXXXXXX	C20-075	SKK 12R 1/8
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

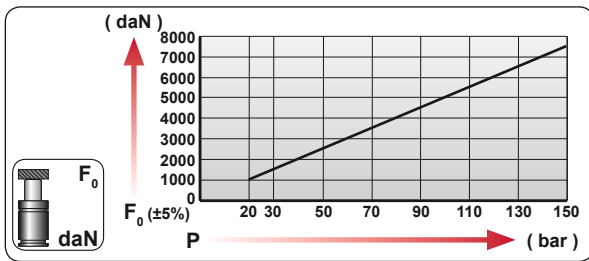
# CS 7500 V1

Power Compact Stroke

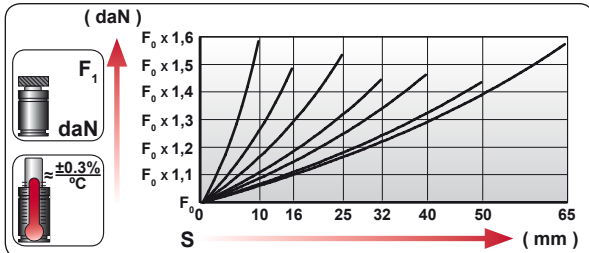
BMW B2 4006		PSA	E24.54.815.G



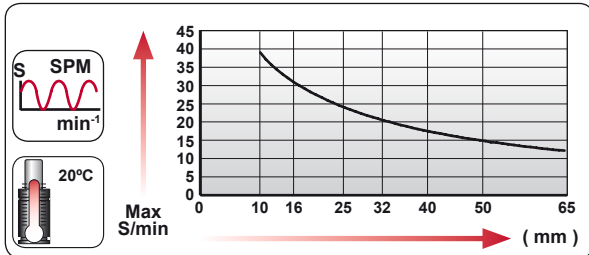
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS 7500 010 V1	10	90	80	3.16
CS 7500 016 V1	16	116	100	3.57
CS 7500 025 V1	25	145	120	4.01
CS 7500 032 V1	32	182	150	4.59
CS 7500 040 V1	40	210	170	5.02
CS 7500 050 V1	50	255	205	5.73
CS 7500 065 V1	65	279	214	6.07



CODE				
		bar psi	daN	daN
CS 7500 050 V1		150 2175	7540	10765
-----		-----	-----	-----



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CS 7500 50	
		CS 7500 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar psi	bar psi	°C °F	°C °F	
20 290	150 2175	0 32	80 176	

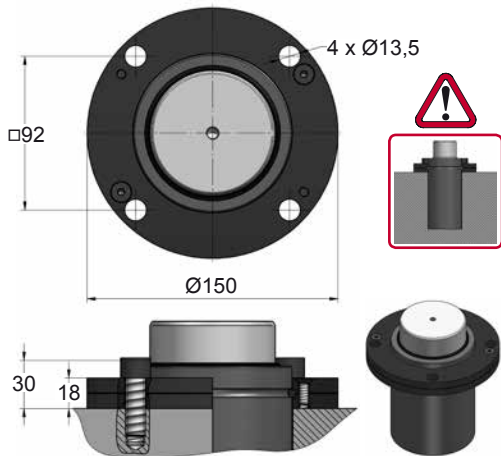




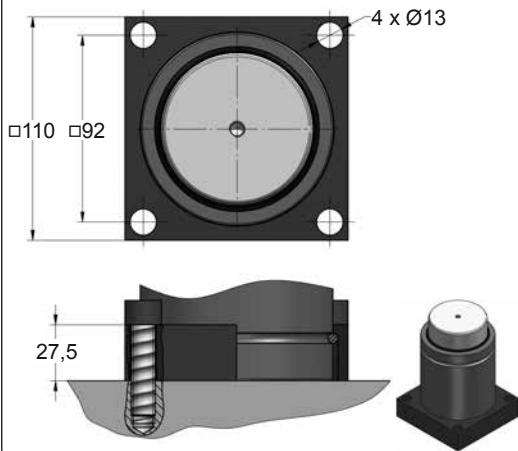
# CS 7500 V1 MOUNTS

Power Compact Stroke

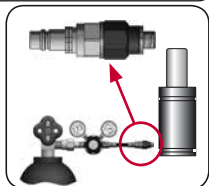
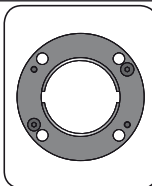
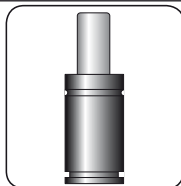
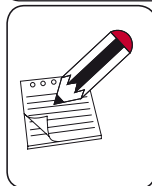
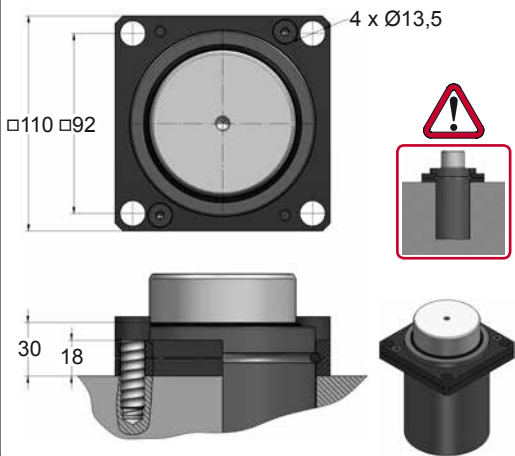
## A49-095



## A54-095



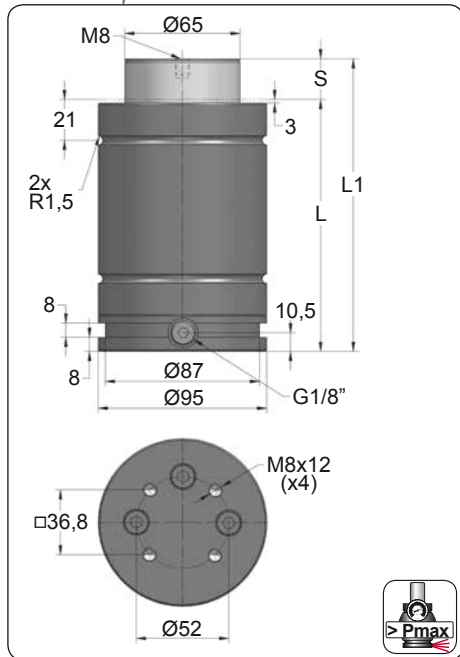
## A59-095



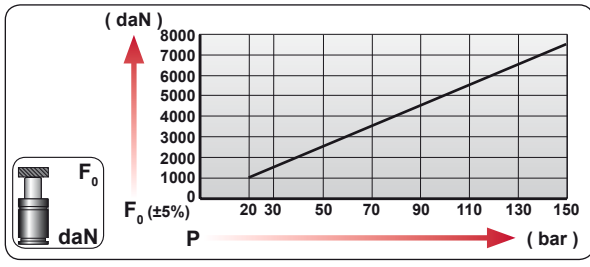
CODE	CS 7500 050 V1	KIT S-XXXXXXX	A49-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# CS-KC 7500 V1

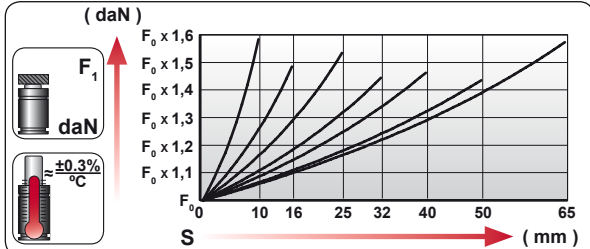
Power Compact Stroke



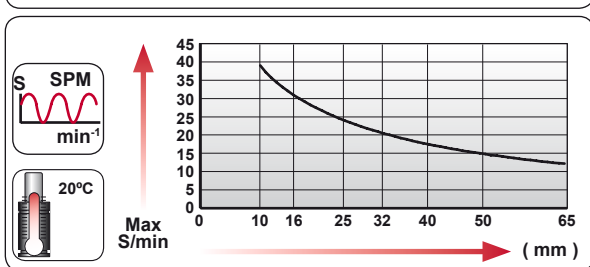
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS-KC 7500 010 V1	10	110	100	4.16
CS-KC 7500 016 V1	16	136	120	4.57
CS-KC 7500 025 V1	25	165	140	5.01
CS-KC 7500 032 V1	32	202	170	5.59
CS-KC 7500 040 V1	40	230	190	6.03
CS-KC 7500 050 V1	50	275	225	6.73
CS-KC 7500 065 V1	65	299	234	7.08



CODE	Pressure		Force	
	bar	psi	daN	daN
-----	---	---	---	---
CS-KC 7500 050 V1	0	0	---	---



	ENG ORDER	 daN	 mm
	DEU BESTELLUNG		
	FRA COMMANDE		
	ITA ORDINE		
	ESP PEDIDO		
POR PEDIDO			
<b>CS-KC 7500</b>		<b>50</b>	
<b>CS-KC 7500 050 V1</b>			



			 Pmin (20°C)    Pmax (20°C)	 Tmin    Tmax	
--	--	--	--------------------------------	------------------	--

N <sub>2</sub>	Smax < 90%	Vmax 0,5 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	



# CS-KC 7500 V1 MOUNTS

Power Compact Stroke

## CS-KC

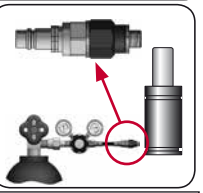
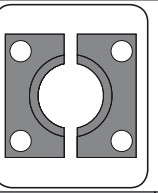
## CS

	CODE						
	CS-KC 7500 050 V1		0	0	---	---	---

	CODE						
	CS 7500 050 V1		150	2175	7540	10765	---

## C20-095

## KC 7500

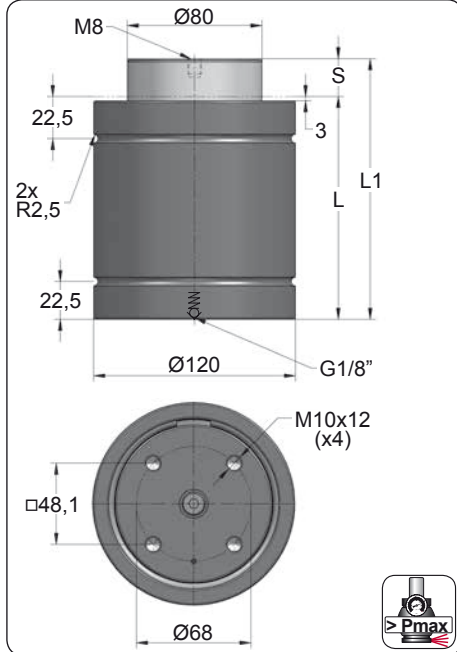


	CODE	CS-KC 7500 050 V1	KIT S-XXXXXXX	C20-095	SKK 12R 1/8
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

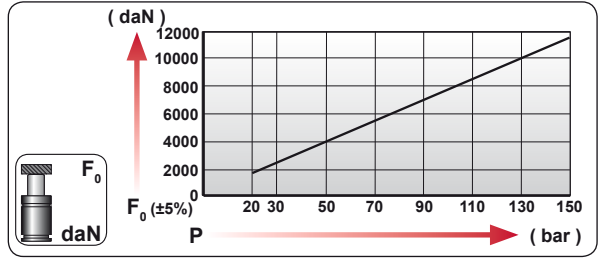
# CS 11800 V1

Power Compact Stroke

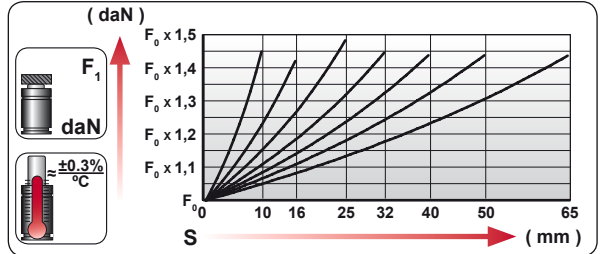
BMW B2 4006		



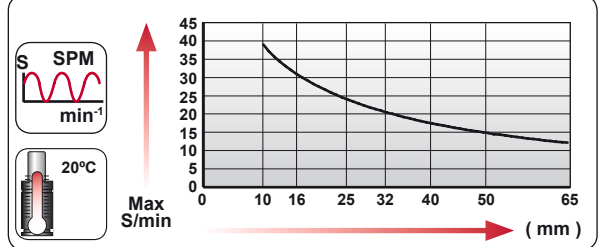
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS 11800 010 V1	10	100	90	5.70
CS 11800 016 V1	16	126	110	6.37
CS 11800 025 V1	25	155	130	7.10
CS 11800 032 V1	32	187	155	7.93
CS 11800 040 V1	40	220	180	8.77
CS 11800 050 V1	50	260	210	9.79
CS 11800 065 V1	65	320	255	11.32



CODE				
	bar	psi	daN	daN
CS 11800 050 V1	150	2175	11780	17145
-----	---	---	---	---



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CS 11800	50
		CS 11800 050 V1	



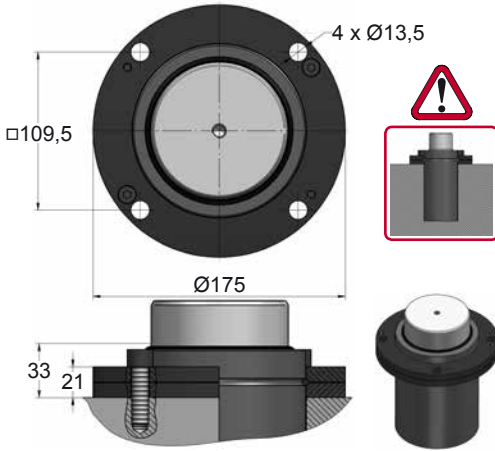
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	150 2175	0 32	80 176		

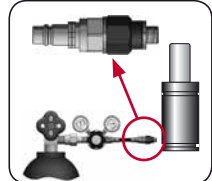
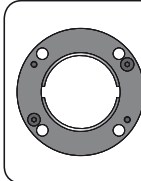
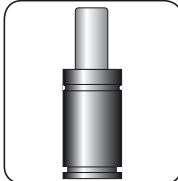
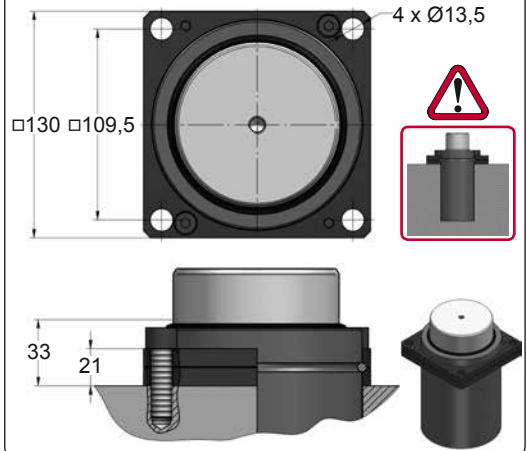
# CS 11800 V1 MOUNTS

Power Compact Stroke

## A14-120



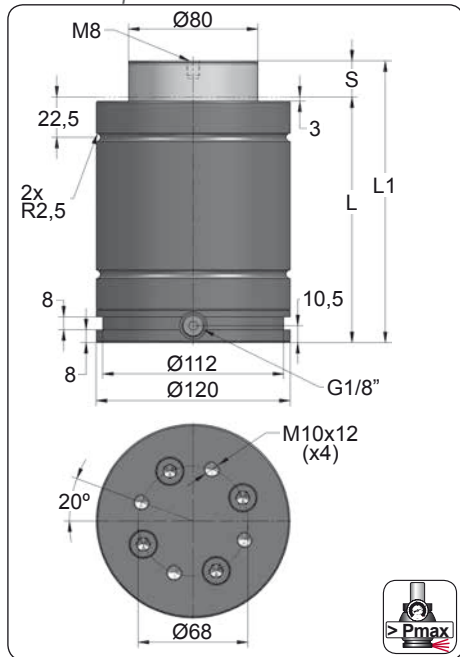
## A34-120



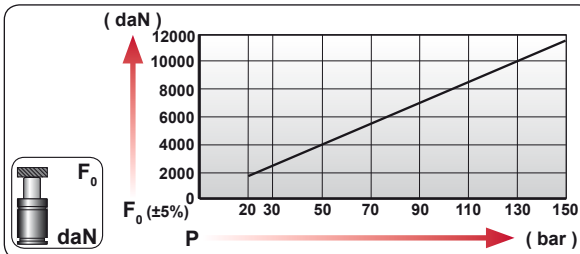
CODE	CS 11800 050 V1	KIT S-XXXXXXX	A14-120	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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 11800 V1

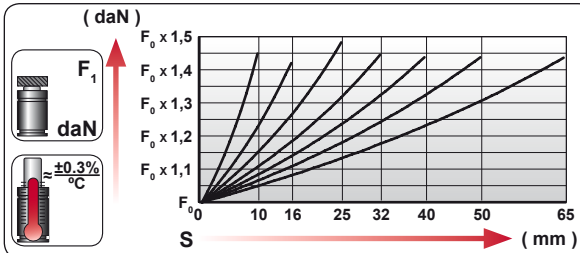
Power Compact Stroke



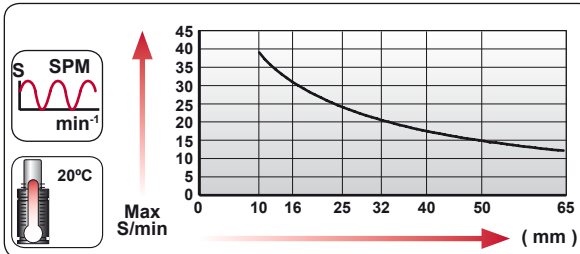
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS-KC 11800 010 V1	10	120	110	7.36
CS-KC 11800 016 V1	16	146	130	8.03
CS-KC 11800 025 V1	25	175	150	8.76
CS-KC 11800 032 V1	32	207	175	9.59
CS-KC 11800 040 V1	40	240	200	10.43
CS-KC 11800 050 V1	50	280	230	11.45
CS-KC 11800 065 V1	65	340	275	12.98



CODE				
		bar psi	daN	daN
-----		---	---	---
CS-KC 11800 050 V1		0 0	---	---



ENG ORDER	DEU BESTELLUNG	FRA COMMANDE	ITA ORDINE	ESP PEDIDO	POR PEDIDO		
						daN	mm
						CS-KC 11800	50
						CS-KC 11800 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176

# CS-KC 11800 V1 MOUNTS

Power Compact Stroke

## CS-KC

## CS

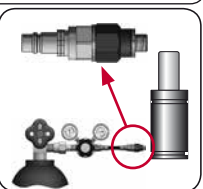
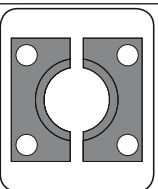
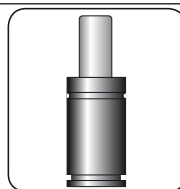
CODE				
	bar	psi	daN	daN
CS-KC 11800 050 V1		0	0	---

CODE				
	bar	psi	daN	daN
CS 11800 050 V1		150	2175	11780

## C20-120

E24.54.815.G  
EM24.54.700/F

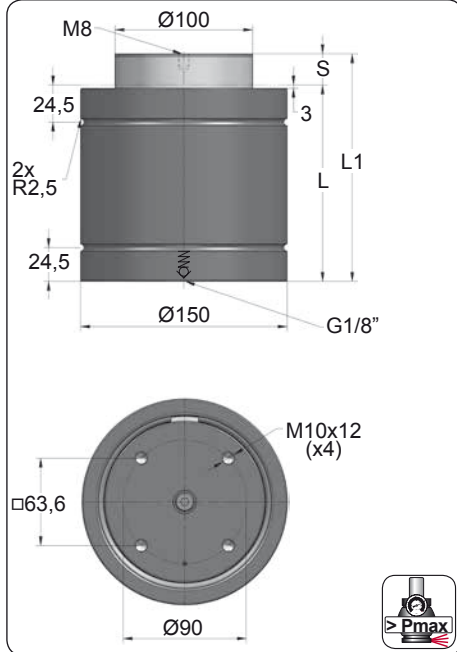
## KC 11800



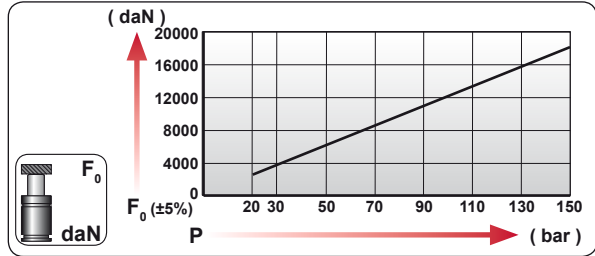
CODE	CS-KC 11800 050 V1	KIT S-XXXXXXX	C20-120	SKK 12R 1/8
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

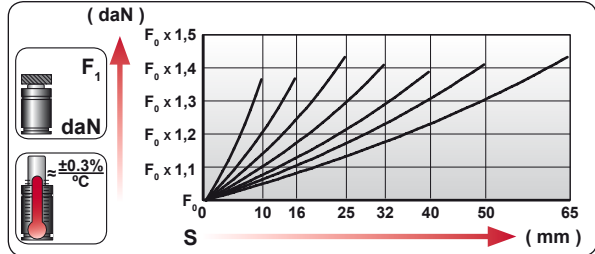
Power Compact Stroke

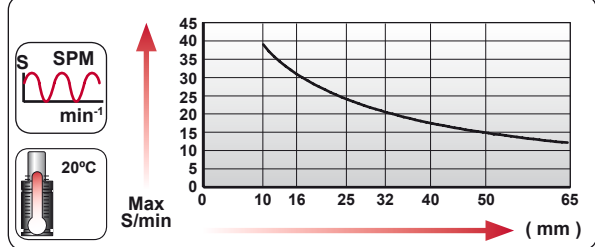
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS 18300 010 V1	10	110	100	9.83
CS 18300 016 V1	16	136	120	10.84
CS 18300 025 V1	25	165	140	11.93
CS 18300 032 V1	32	197	165	13.18
CS 18300 040 V1	40	235	195	14.67
CS 18300 050 V1	50	270	220	16.00
CS 18300 065 V1	65	323	258	18.01



CODE				
		bar psi	daN	daN
CS 18300 050 V1		150 2175	18410	26340
-----		---	---	---



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CS 18300	50
		CS 18300 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

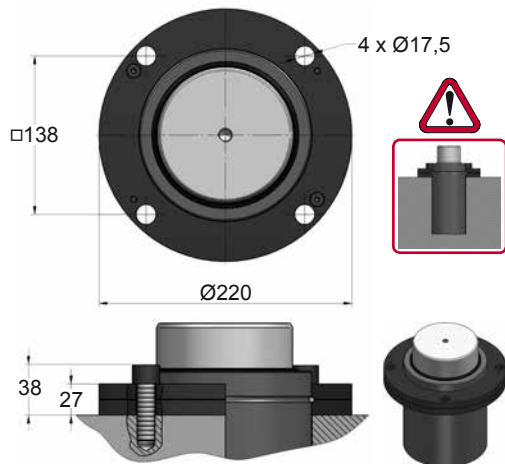
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	150 2175	0 32	80 176		



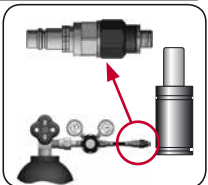
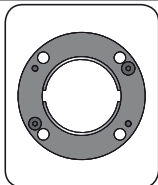
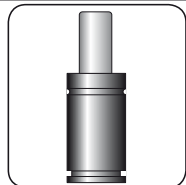
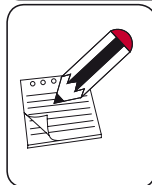
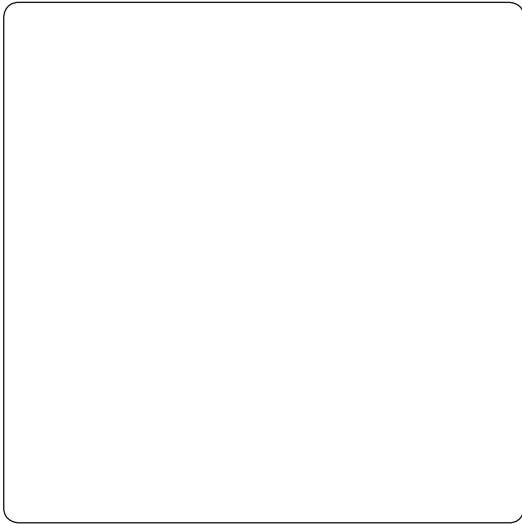
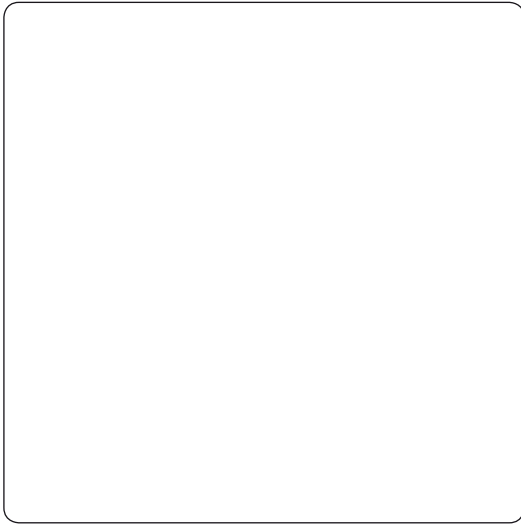
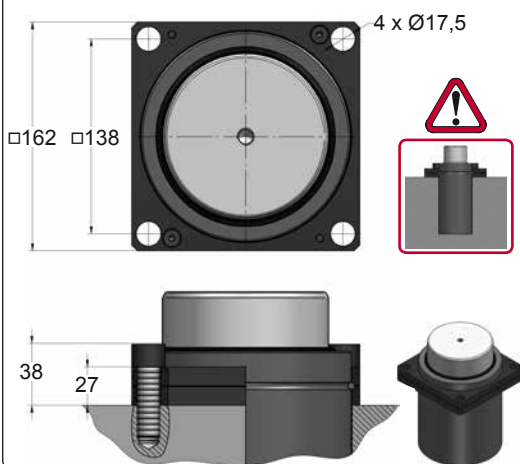
# CS 18300 V1 MOUNTS

Power Compact Stroke

## A14-150



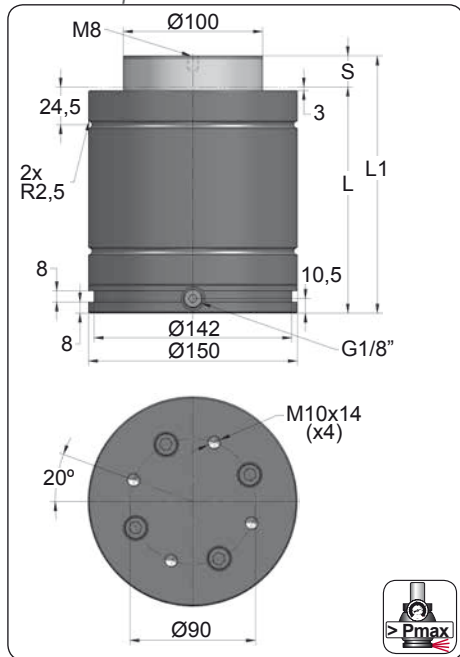
## A34-150



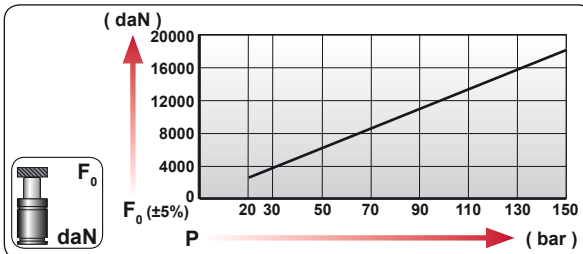
CODE	CS 18300 050 V1	KIT S-XXXXXXX	A14-150	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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 18300 V1

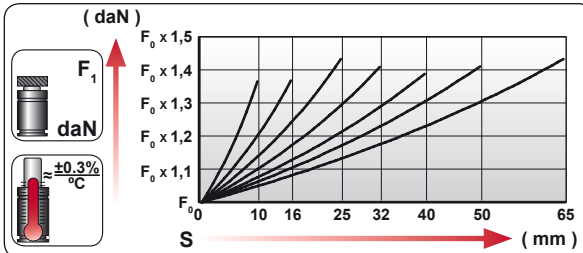
Power Compact Stroke



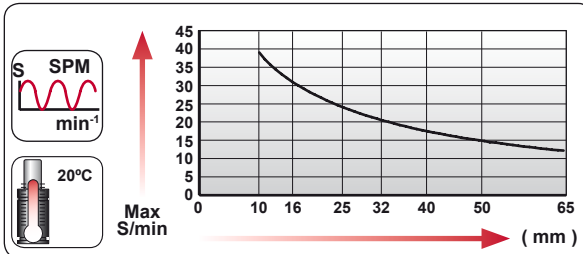
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
CS-KC 18300 010 V1	10	130	120	12.21
CS-KC 18300 016 V1	16	156	140	13.22
CS-KC 18300 025 V1	25	185	160	14.31
CS-KC 18300 032 V1	32	217	185	15.56
CS-KC 18300 040 V1	40	255	215	17.05
CS-KC 18300 050 V1	50	290	240	18.38
CS-KC 18300 065 V1	65	343	278	20.39



CODE				
		bar	psi	daN
-----		---	---	---
CS-KC 18300 050 V1		0	0	---



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		CS-KC 18300	50
		CS-KC 18300 050 V1	



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176

# CS-KC 18300 V1 MOUNTS

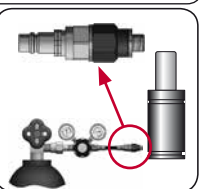
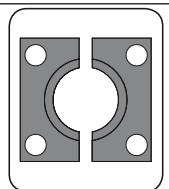
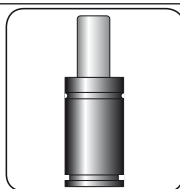
Power Compact Stroke

	<h2>CS-KC</h2>	<h2>CS</h2>																														
	<table border="1"> <thead> <tr> <th>CODE</th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <th></th> <th>bar</th> <th>psi</th> <th>daN</th> <th>daN</th> </tr> </thead> <tbody> <tr> <td>CS-KC 18300 050 V1</td> <td>0</td> <td>0</td> <td>---</td> <td>---</td> </tr> </tbody> </table>	CODE						bar	psi	daN	daN	CS-KC 18300 050 V1	0	0	---	---	<table border="1"> <thead> <tr> <th>CODE</th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <th></th> <th>bar</th> <th>psi</th> <th>daN</th> <th>daN</th> </tr> </thead> <tbody> <tr> <td>CS 18300 050 V1</td> <td>150</td> <td>2175</td> <td>18410</td> <td>26340</td> </tr> </tbody> </table>	CODE						bar	psi	daN	daN	CS 18300 050 V1	150	2175	18410	26340
CODE																																
	bar	psi	daN	daN																												
CS-KC 18300 050 V1	0	0	---	---																												
CODE																																
	bar	psi	daN	daN																												
CS 18300 050 V1	150	2175	18410	26340																												

## C20-150

ISO 10241, VALVITE, VDI, EM24.54.815.G, EM24.54.700/F

## KC 18300



CODE	CS-KC 18300 050 V1	KIT S-XXXXXXX	C20-150	SKK 12R 1/8
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCH	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	FLANGE	ADAPTADOR DE CARGA



# SPECIAL APPLICATIONS

## ROB / ROT



## VH

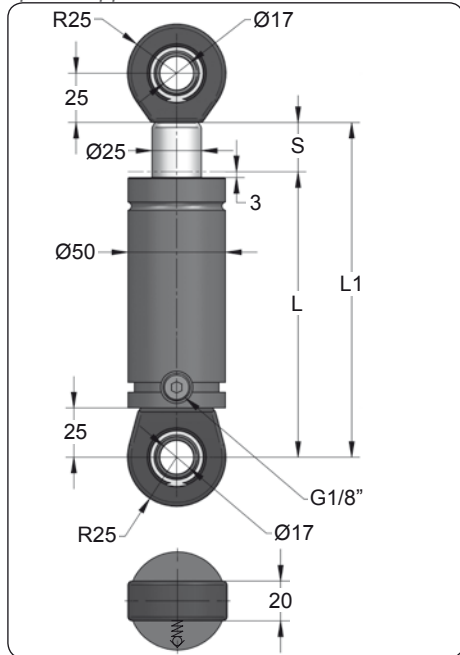


## ART

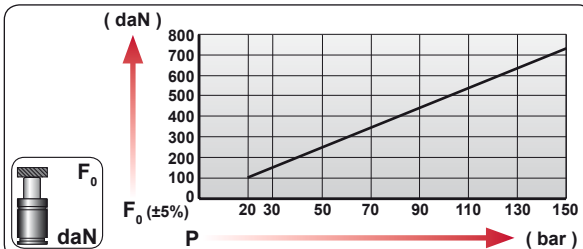


# ROB 750

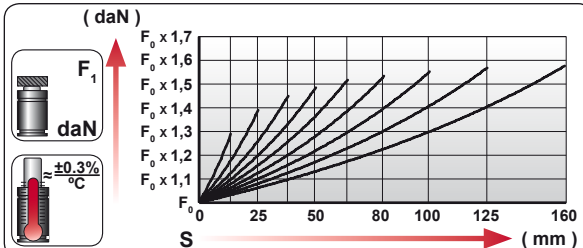
Special Applications



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		
ROB 750 050		150	2175	740	1100
-----		---	---	---	---



	ENG	ORDER		
	DEU	BESTELLUNG		
	FRA	COMMANDE		
	ITA	ORDINE		
	ESP	PEDIDO		
POR	PEDIDO			
	ROB	750	50	
	ROB 750 050			

SEAL KIT S-xxxxxxx

CARTRIDGE KIT C-xxxxxxx

18 CG 1-Q

**KIT S-XXXXXXX**

**KIT C-XXXXXXX**

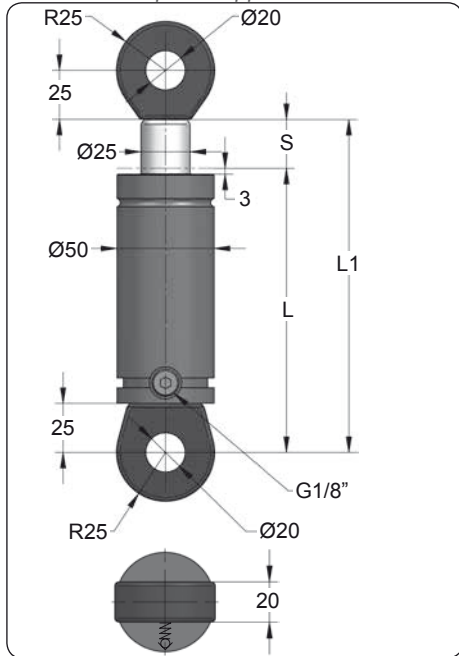
ENG	REPAIR KIT	CHARGING ADAPTER
DEU	ERSATZ	LADEADAPTER
FRA	KIT DE RÉPARATION	RACCORD DE CHARGE
ITA	KIT DI MANUTENZIONE	ADATTATORE DI CARICO
ESP	KIT DE REPARACION	ADAPTADOR DE CARGA
POR	KIT DE MANUTENÇÃO	ADAPTADOR DE CARGA

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

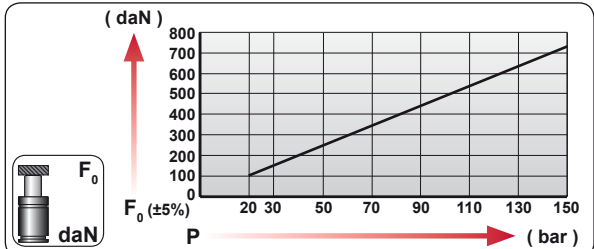
bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176

# AZOL GAS ROT 750

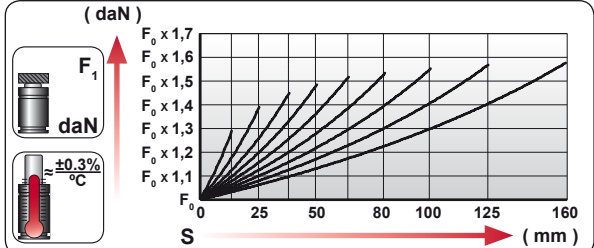
Special Applications



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 <sub>0</sub> daN	F <sub>1</sub> daN
ROT 750 050		150	2175	740	1100
-----	-----	-----	-----	-----	-----



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

**ROT 750 50**

**ROT 750 050**

SEAL KIT S-XXXXXXX CARTRIDGE KIT C-XXXXXXX

**KIT S-XXXXXXX**  
**KIT C-XXXXXXX**

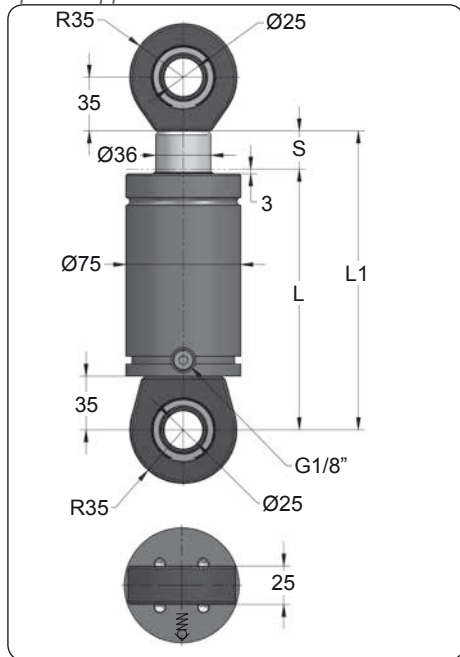
**18 CG 1-Q**

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

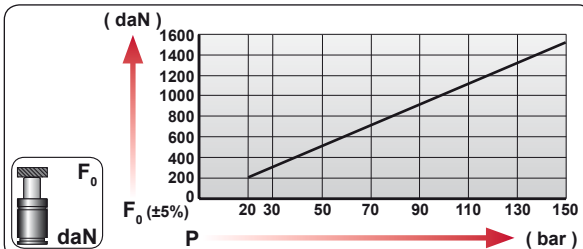
N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi 20 290	bar psi 150 2175	°C °F 0 32	°C °F 80 176	600 CP-

# ROB 1500

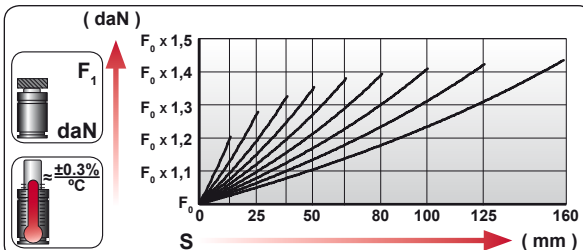
Special Applications



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		Pressure		Force	
		bar	psi	daN	daN
ROB 1500 050		150	2175	1530	2070
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	ENG ORDER		F <sub>0</sub> daN		S mm
	DEU BESTELLUNG				
	FRA COMMANDE				
	ITA ORDINE				
	ESP PEDIDO				
POR PEDIDO					

**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

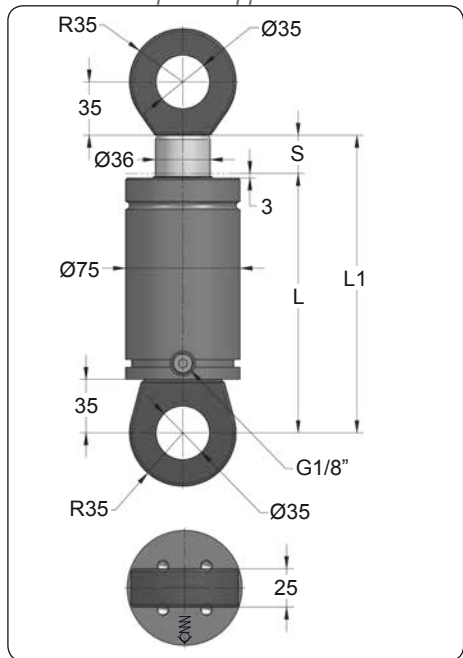
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F	
20	290	150	2175	0	32	80	176	



# AZOL GAS ROT 1500

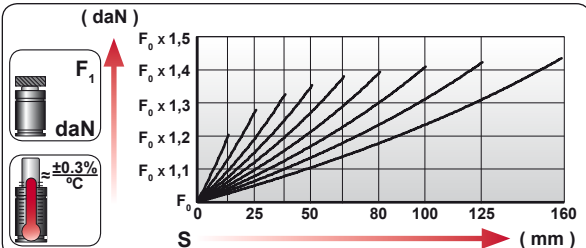
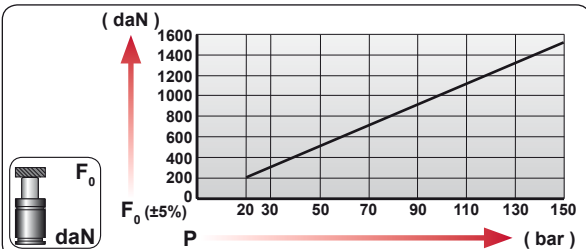
Special Applications



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	daN	daN
ROT 1500 050		150 2175	1530	2070
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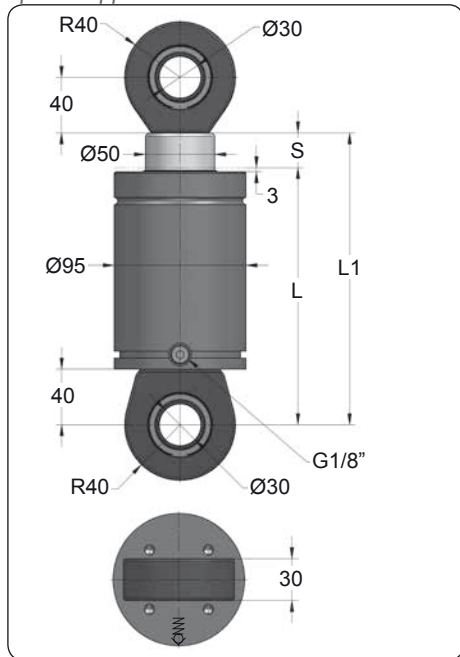
	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO	F <sub>0</sub> daN	S mm
<b>ROT 1500 50</b>		<b>ROT 1500 050</b>	

SEAL KIT S-XXXXXXX CARTRIDGE KIT C-XXXXXXX	<b>KIT S-XXXXXXX</b> <b>KIT C-XXXXXXX</b>	<b>18 CG 1-Q</b>
ENG REPAIR KIT DEU ERSATZ FRA KIT DE RÉPARATION ITA KIT DI MANUTENZIONE ESP KIT DE REPARACION POR KIT DE MANUTENÇÃO	CHARGING ADAPTER LADEADAPTER RACCORD DE CHARGE ADATTATORE DI CARICO ADAPTADOR DE CARGA	

	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C) P <sub>max</sub> (20°C)	T <sub>min</sub> T <sub>max</sub>	
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi 20 290 / bar psi 150 2175	°C °F 0 32 / °C °F 80 176	600 CP-

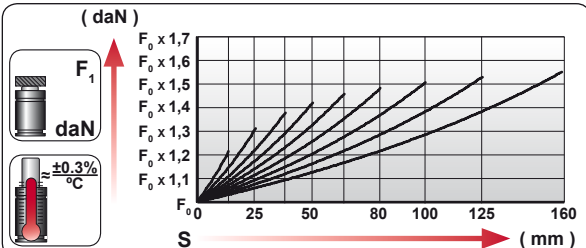
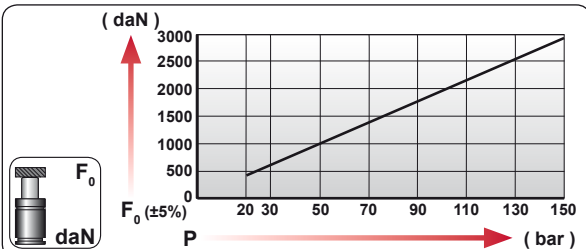
# ROB 3000

Special Applications



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		
ROB 3000 050		150	2175	2945	4180
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	ENG ORDER		
	DEU BESTELLUNG		
	FRA COMMANDE		
	ITA ORDINE		
	ESP PEDIDO		
POR PEDIDO			

**ROB 3000 50**

**ROB 3000 050**

SEAL KIT S-XXXXXXX

CARTRIDGE KIT C-XXXXXXX

**KIT S-XXXXXXX**  
**KIT C-XXXXXXX**

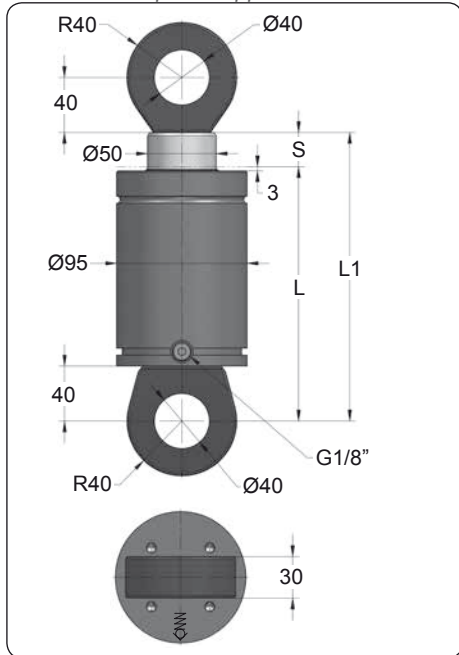
**18 CG 1-Q**

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

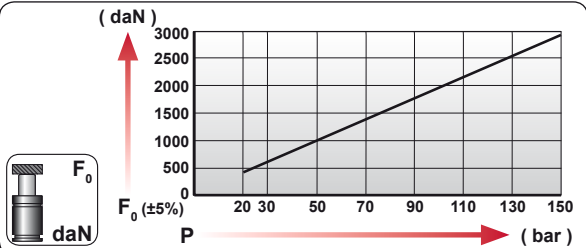
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi 20 290	bar psi 150 2175	°C °F 0 32	°C °F 80 176	600 CP-

# AZOL GAS ROT 3000

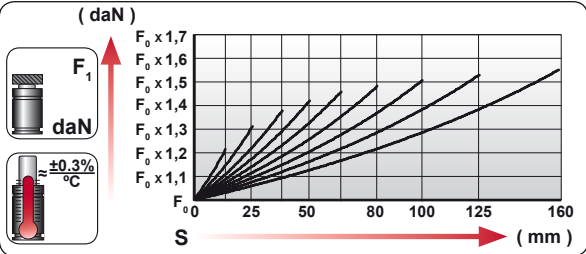
Special Applications



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		
ROT 3000 050		150	2175	2945	4180
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		<b>ROT 3000</b>	<b>50</b>
		<b>ROT 3000 050</b>	

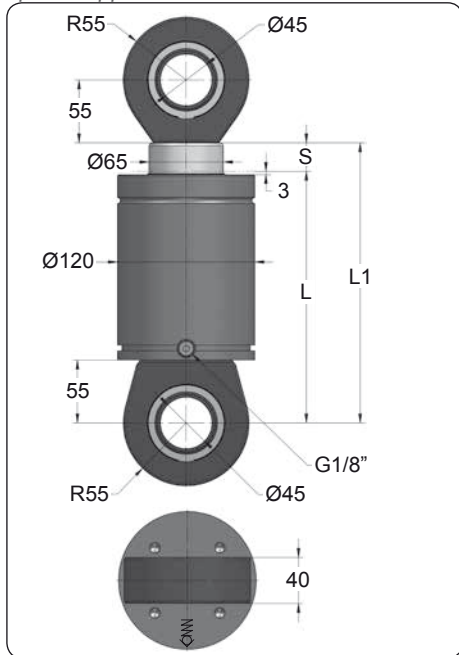
	SEAL KIT S-XXXXXXX		CARTRIDGE KIT C-XXXXXXX		<b>18 CG 1-Q</b>
	<b>KIT S-XXXXXXX</b>		<b>KIT C-XXXXXXX</b>		
ENG DEU FRA ITA ESP POR	REPAIR KIT ERSATZ KIT DE RÉPARATION KIT DI MANUTENZIONE KIT DE REPARACION KIT DE MANUTENÇÃO	CHARGING ADAPTER LADEADAPTER RACCORD DE CHARGE ADATTATORE DI CARICO ADAPTADOR DE CARGA ADAPTADOR DE CARGA			

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

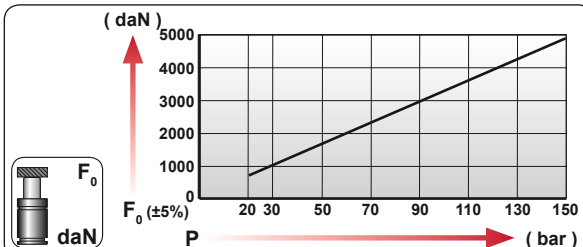
bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176

# ROB 5000

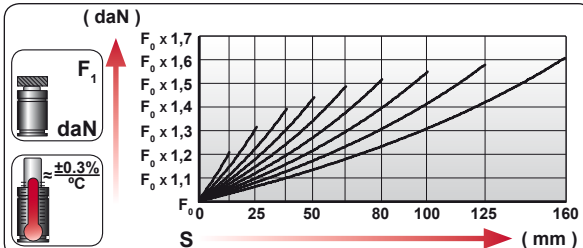
Special Applications



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	daN	daN
ROB 5000 050		150	2175	4980	7170
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	ENG	ORDER		
	DEU	BESTELLUNG		
	FRA	COMMANDE		
	ITA	ORDINE		
	ESP	PEDIDO		
POR	PEDIDO			
	<b>ROB</b>	<b>5000</b>	<b>50</b>	
	<b>ROB 5000 050</b>			

SEAL KIT S-XXXXXXX  
CARTRIDGE KIT C-XXXXXXX

**KIT S-XXXXXXX**  
**KIT C-XXXXXXX**

**18 CG 1-Q**

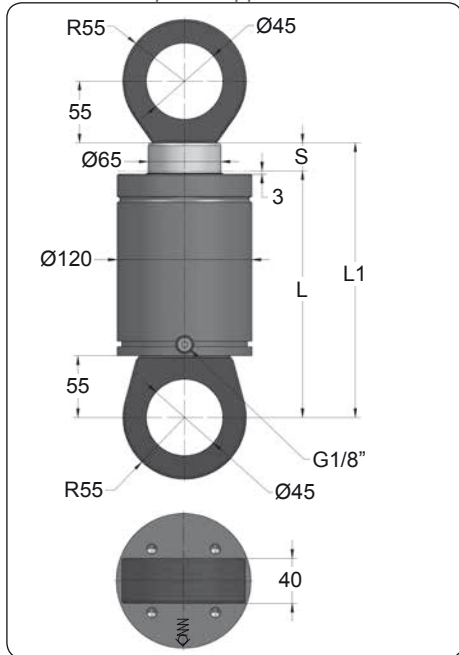
ENG	REPAIR KIT	CHARGING ADAPTER
DEU	ERSATZ	LADEADAPTER
FRA	KIT DE RÉPARATION	RACCORD DE CHARGE
ITA	KIT DI MANUTENZIONE	ADATTATORE DI CARICO
ESP	KIT DE REPARACION	ADAPTADOR DE CARGA
POR	KIT DE MANUTENÇÃO	ADAPTADOR DE CARGA

<b>N<sub>2</sub></b>	<b>Smax &lt; 90%</b>	<b>Vmax 1,6 m/s</b>	<b>Pmin (20°C)</b>	<b>Pmax (20°C)</b>	<b>Tmin</b>	<b>Tmax</b>	<b>600 CP-</b>

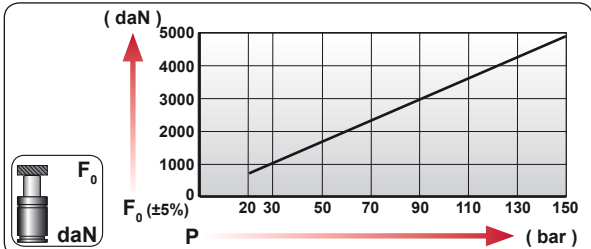
bar	psi	bar	psi	°C	°F	°C	°F
20	290	150	2175	0	32	80	176

# AZOL GAS ROT 5000

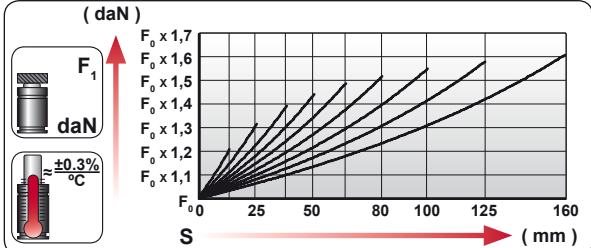
Special Applications



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		Pressure		Force	
		bar	psi	daN	daN
ROT 5000 050		150	2175	4980	7170
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	ENG ORDER		F <sub>0</sub> daN		S mm
	DEU BESTELLUNG				
	FRA COMMANDE				
	ITA ORDINE				
	ESP PEDIDO				
POR PEDIDO					

**ROT 5000 50**

**ROT 5000 050**

SEAL KIT S-XXXXXXX

CARTRIDGE KIT C-XXXXXXX

**KIT S-XXXXXXX**  
**KIT C-XXXXXXX**

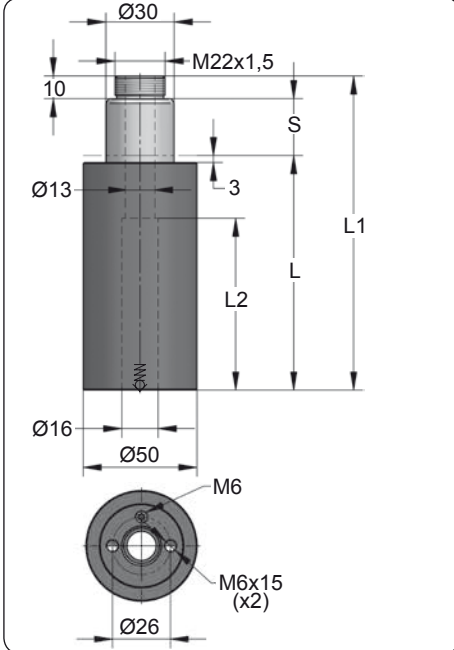
**18 CG 1-Q**

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

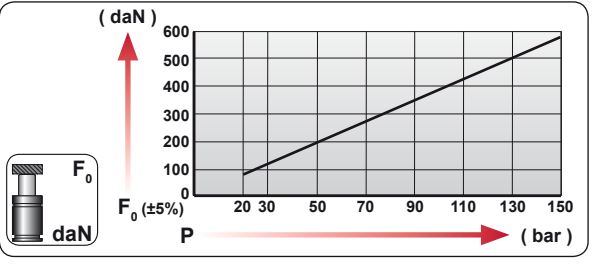
N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi 20 290	bar psi 150 2175	°C °F 0 32	°C °F 80 176	600 CP-

# VH 500

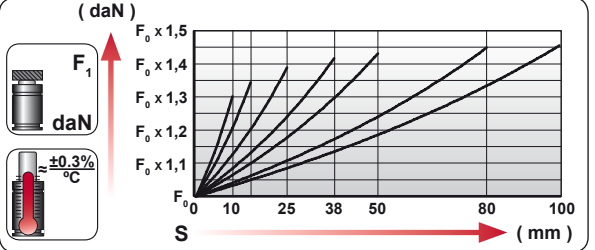
Special Applications



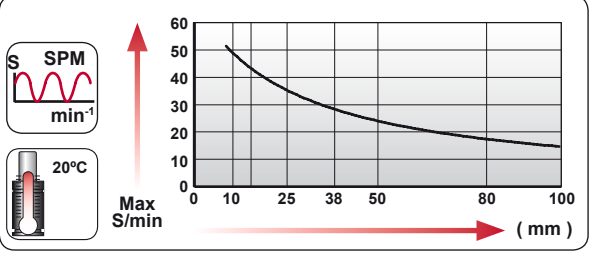
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	L2 (mm)	Kg.
VH 500 010	10	108	88	45.5	0.98
VH 500 015	15	118	93	55.5	1.01
VH 500 025	25	138	103	75.5	1.09
VH 500 038	38	164	116	85.5	1.18
VH 500 050	50	188	128	97.5	1.27
VH 500 080	80	248	158	127.5	1.50
VH 500 100	100	288	178	147.5	1.65



CODE				
		bar psi	daN	daN
VH 500 050		130 1885	510	730
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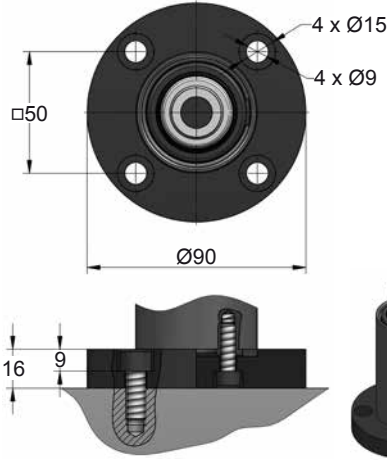
	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		VH 500	50
		VH 500 050	



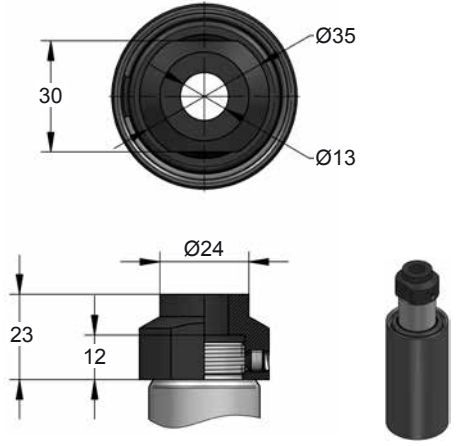
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	150 2175	0 32	80 176		

**B31-050**



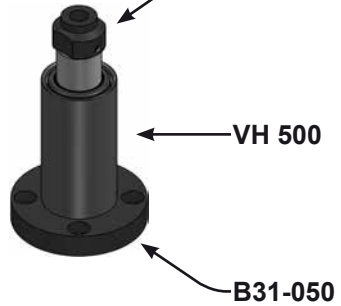
**E33-050**



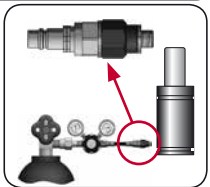
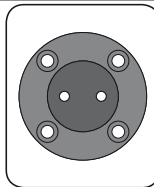
**E33-050**



**E33-050**



**B31-050**

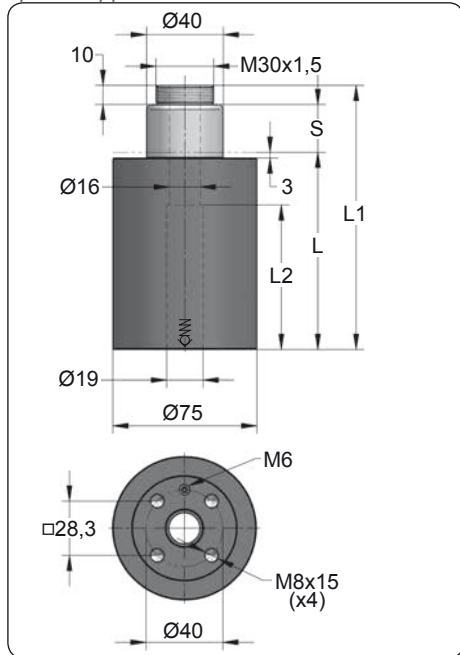


CODE	VH 500 050	KIT S-XXXXXXX KIT C-XXXXXXX	B31-050	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

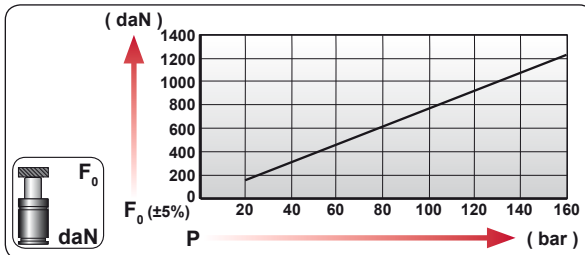
# VH 1200

Special Applications

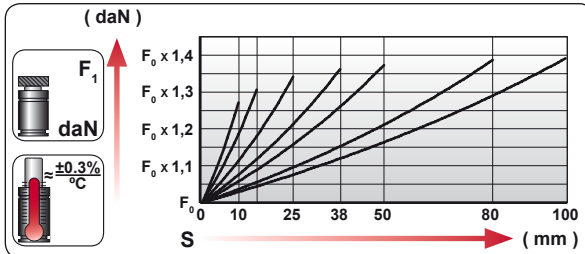


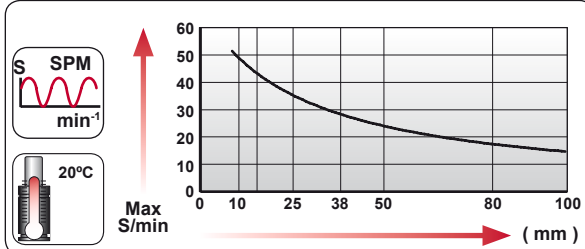
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	L2 (mm)	Kg.
VH 1200 010	10	108	88	45.5	2.37
VH 1200 015	15	118	93	55.5	2.45
VH 1200 025	25	138	103	75.5	2.63
VH 1200 038	38	164	116	85.5	2.86
VH 1200 050	50	188	128	97.5	3.08
VH 1200 080	80	248	158	127.5	3.61
VH 1200 100	100	288	178	147.5	3.97



CODE	Valve	Pressure (bar)	Pressure (psi)	Force F0 (daN)	Force F1 (daN)
VH 1200 050		160	2320	1225	1680
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO	F <sub>0</sub> daN	S mm
VH 1200 50		VH 1200 050	

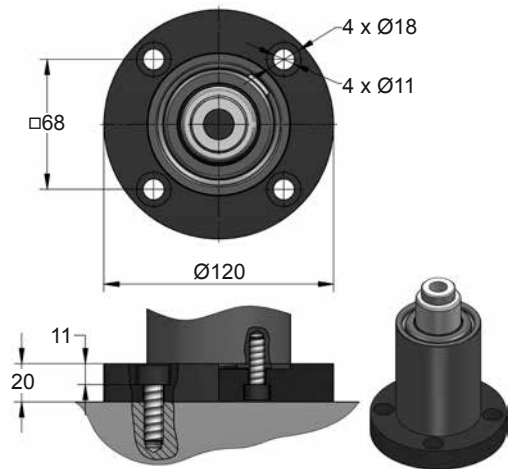


	S <sub>max</sub> < 100%	V <sub>max</sub>	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	
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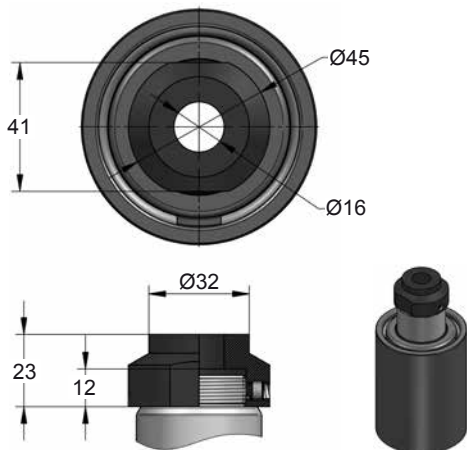
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	✗
			20 290	160 2320	0 32	80 176	



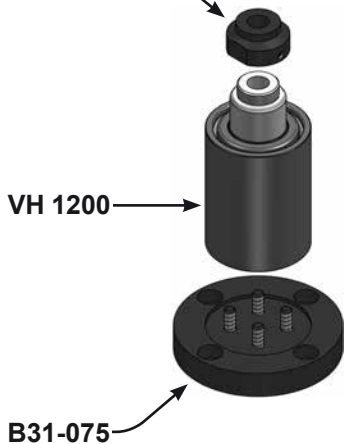
## B31-075



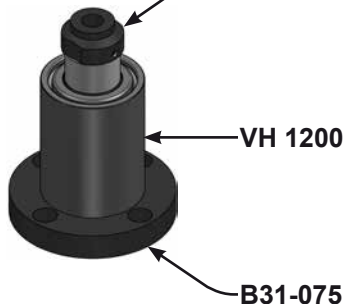
## E33-075



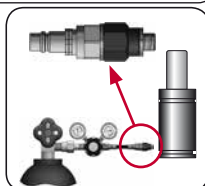
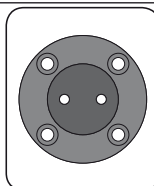
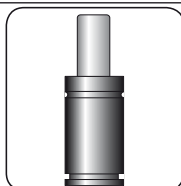
### E33-075



### E33-075



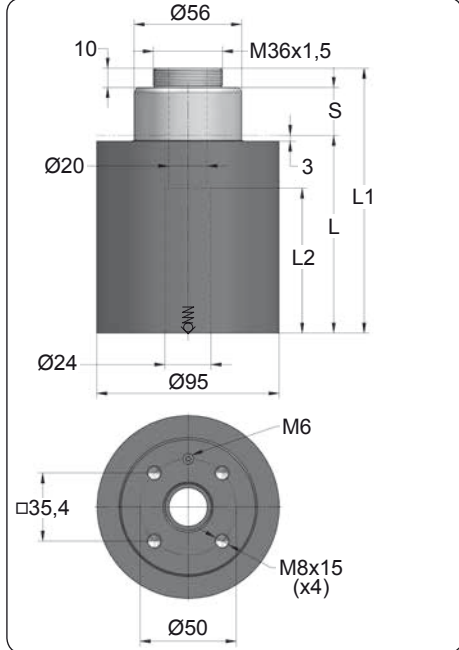
### B31-075



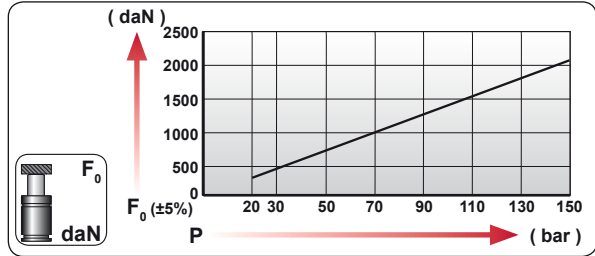
CODE	VH 1200 050	KIT S-XXXXXXX KIT C-XXXXXXX	B31-075	06 CG 2-Q
ENG	ORDER	GAS SPRING	REPAIR KIT	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	KIT DE REPARACION	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	ADAPTADOR DE CARGA

# VH 2200

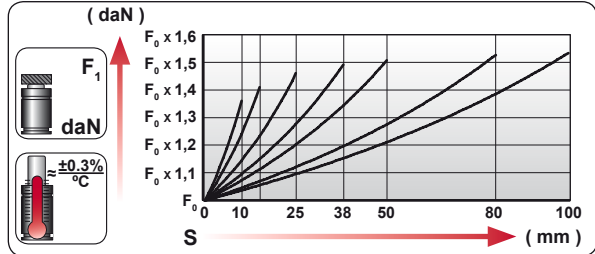
Special Applications



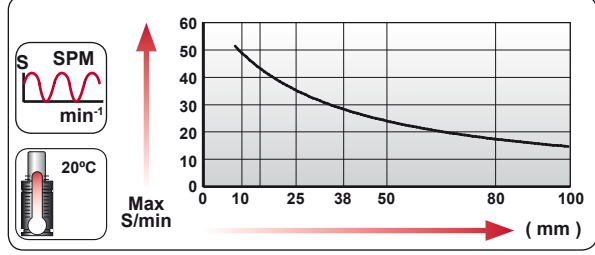
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	L2 (mm)	Kg.
VH 2200 010	10	108	88	45.5	3.88
VH 2200 015	15	118	93	55.5	4.04
VH 2200 025	25	138	103	75.5	4.36
VH 2200 038	38	164	116	85.5	4.77
VH 2200 050	50	188	128	97.5	5.16
VH 2200 080	80	248	158	127.5	6.12
VH 2200 100	100	288	178	147.5	6.76



CODE				
		bar psi	daN	daN
VH 2200 050		150 2175	2168	3310
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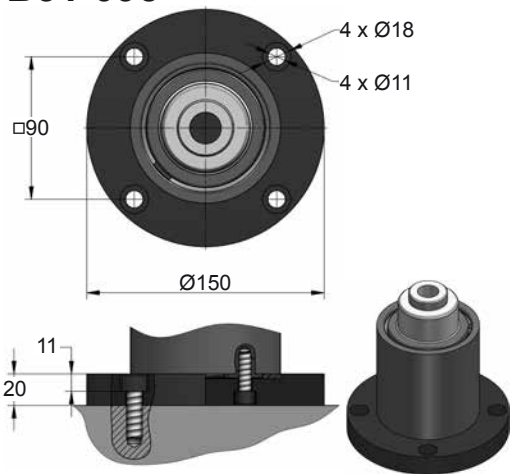
	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		VH 2200	50
		VH 2200 050	



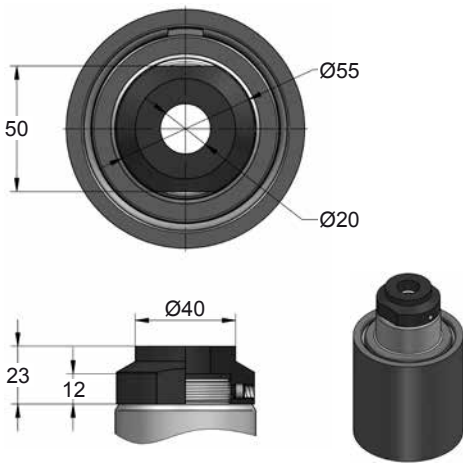
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar psi	bar psi	°C °F	°C °F	
20 290	150 2175	0 32	80 176	

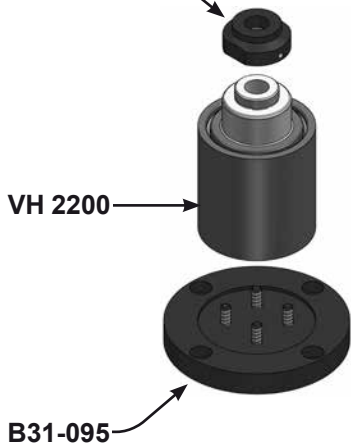
## B31-095



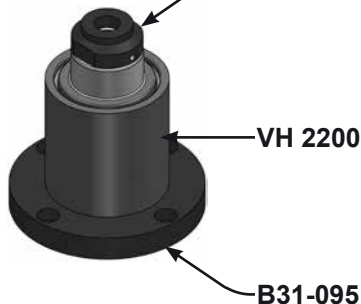
## E33-095



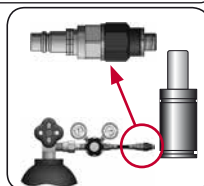
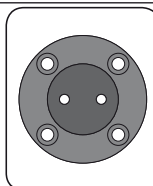
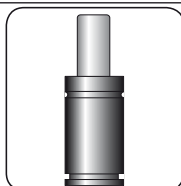
### E33-095



### E33-095



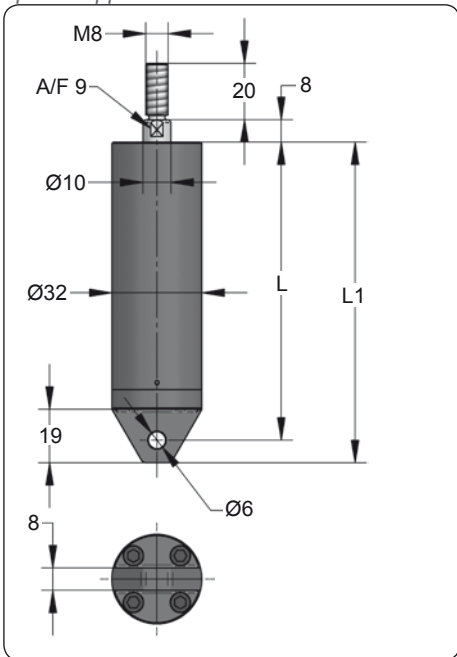
### B31-095



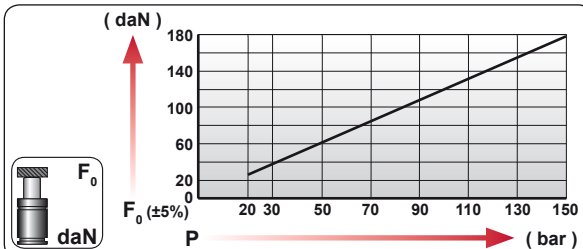
CODE	VH 2200 050	KIT S-XXXXXXX KIT C-XXXXXXX	B31-095	06 CG 2-Q
ENG	ORDER	GAS SPRING	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	FLANSCH	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	RESORTE DE GAS	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	CILINDRO DE GÁS	FLANGE	ADAPTADOR DE CARGA

# ART 180

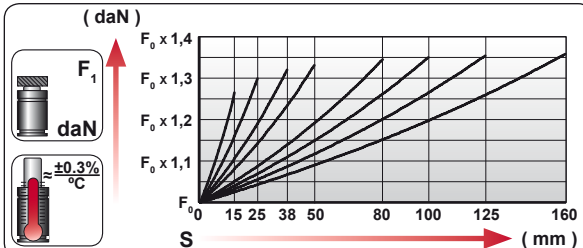
Special Applications



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		
ART 180 050		150	2175	180	240
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	ENG ORDER		
	DEU BESTELLUNG		
	FRA COMMANDE		
	ITA ORDINE		
	ESP PEDIDO		
POR PEDIDO			

ART 180 50

ART 180 050

SEAL KIT S-XXXXXXX CARTRIDGE KIT C-XXXXXXX

**KIT S-XXXXXXX**  
**KIT C-XXXXXXX**

18 CG 1-Q

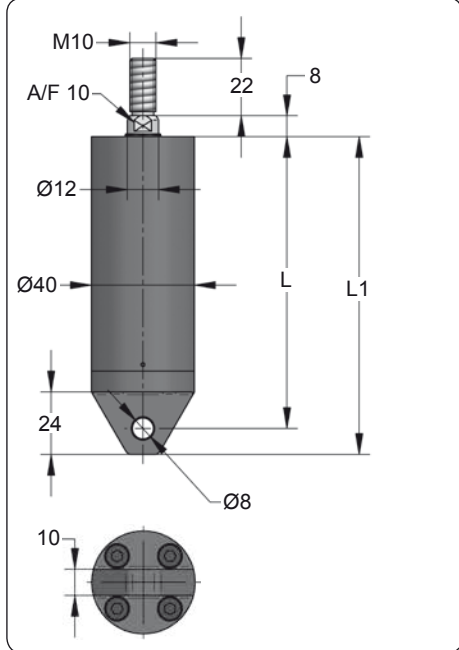
ENG REPAIR KIT	REPAIR KIT	CHARGING ADAPTER
DEU ERSATZ	ERSATZ	LADEADAPTER
FRA KIT DE RÉPARATION	KIT DE RÉPARATION	RACCORD DE CHARGE
ITA KIT DI MANUTENZIONE	KIT DI MANUTENZIONE	ADATTATORE DI CARICO
ESP KIT DE REPARACION	KIT DE REPARACION	ADAPTADOR DE CARGA
POR KIT DE MANUTENÇÃO	KIT DE MANUTENÇÃO	ADAPTADOR DE CARGA

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

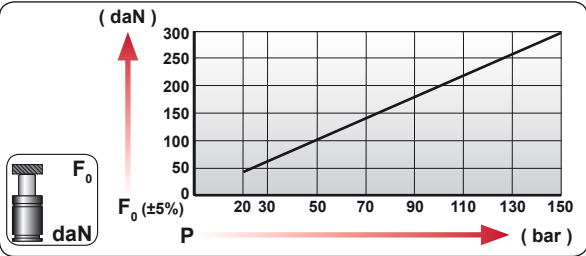
bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	150	2175	0	32	80	176	

# AZOL GAS ART 300

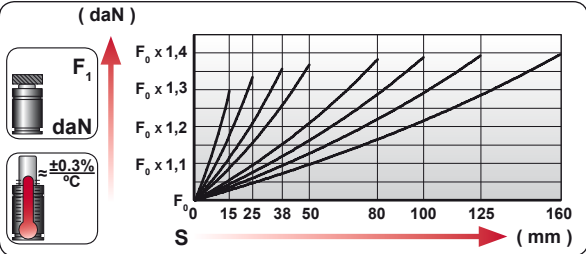
Special Applications



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 <sub>0</sub> daN	F <sub>1</sub> daN
ART 300 050		150	2175	300	410
-----		---	---	---	---



	ENG ORDER		F <sub>0</sub> daN		S mm
	DEU BESTELLUNG				
	FRA COMMANDE				
	ITA ORDINE				
	ESP PEDIDO				
POR PEDIDO					

**ART 300 50**

**ART 300 050**

SEAL KIT S-XXXXXXX

CARTRIDGE KIT C-XXXXXXX

**KIT S-XXXXXXX**  
**KIT C-XXXXXXX**

**18 CG 1-Q**

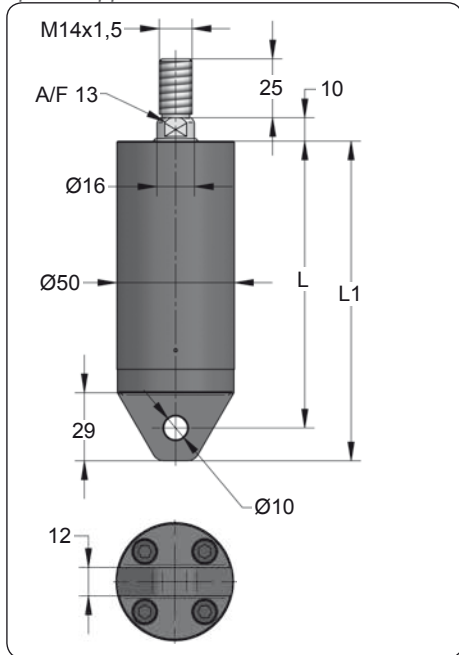
ENG REPAIR KIT	CHARGING ADAPTER
DEU ERSATZ	LADEADAPTER
FRA KIT DE RÉPARATION	RACCORD DE CHARGE
ITA KIT DI MANUTENZIONE	ADATTATORE DI CARICO
ESP KIT DE REPARACION	ADAPTADOR DE CARGA
POR KIT DE MANUTENÇÃO	ADAPTADOR DE CARGA

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

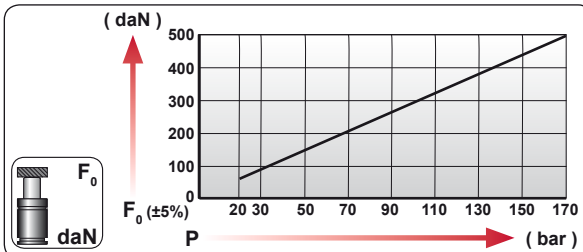
bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	150	2175	0	32	80	176	

# ART 500

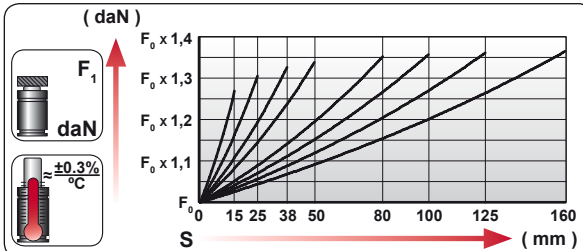
Special Applications



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		Pressure			
		bar	psi		
ART 500 050		170	2465	500	670
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	ENG ORDER			
	DEU BESTELLUNG			
	FRA COMMANDE	daN	mm	
	ITA ORDINE	ART	500	50
	ESP PEDIDO	ART 500 050		
POR PEDIDO				

SEAL KIT S-XXXXXXX

CARTRIDGE KIT C-XXXXXXX

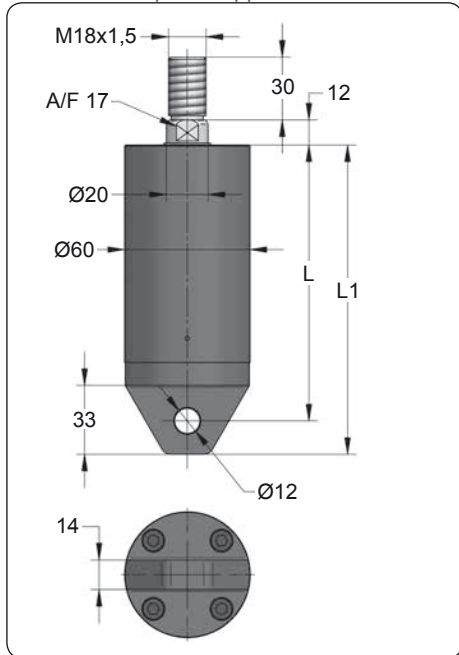
18 CG 1-Q

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

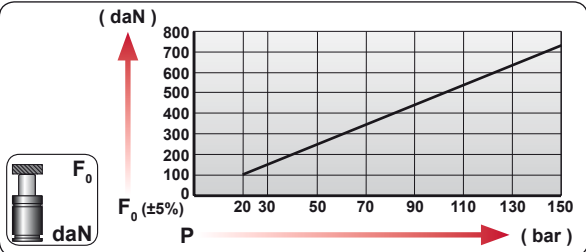
N <sub>2</sub>	Smax < 90%	Vmax 0,5 m/s	bar psi 20 290	bar psi 170 2465	°C °F 0 32	°C °F 80 176	X

# AZOL GAS ART 750

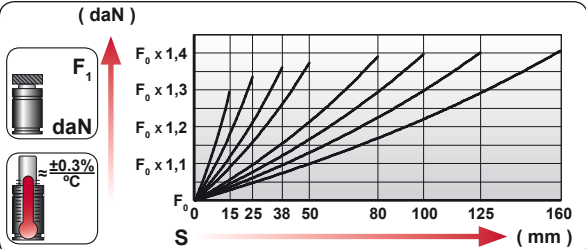
Special Applications

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 <sub>0</sub> daN	F <sub>1</sub> daN
ART 750 050		150	2175	735	1010
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	ENG ORDER	F <sub>0</sub> daN	S mm
	DEU BESTELLUNG		
	FRA COMMANDE		
	ITA ORDINE		
	ESP PEDIDO		
POR PEDIDO			

**ART 750 50**

**ART 750 050**

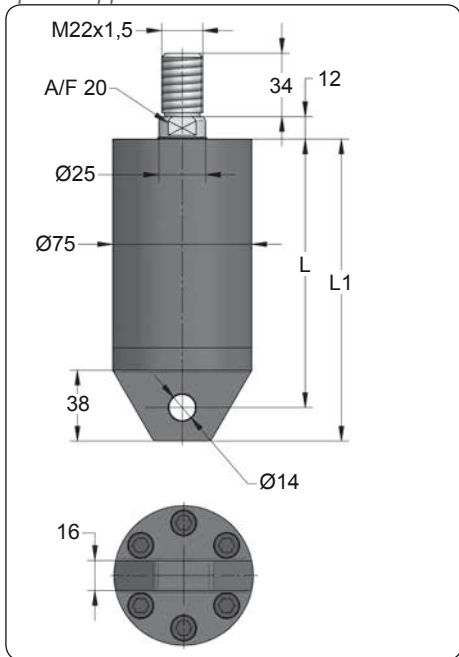
	SEAL KIT S-XXXXXXX		CARTRIDGE KIT C-XXXXXXX		<b>18 CG 1-Q</b>
	<b>KIT S-XXXXXXX</b>		<b>KIT C-XXXXXXX</b>		
ENG REPAIR KIT	REPAIR KIT	ENG CHARGING ADAPTER	CHARGING ADAPTER		
DEU ERSATZ	ERSATZ	DEU LADEADAPTER	LADEADAPTER		
FRA KIT DE RÉPARATION	KIT DE RÉPARATION	FRA RACCORD DE CHARGE	RACCORD DE CHARGE		
ITA KIT DI MANUTENZIONE	KIT DI MANUTENZIONE	ITA ADATTATORE DI CARICO	ADATTATORE DI CARICO		
ESP KIT DE REPARACION	KIT DE REPARACION	ESP ADAPTADOR DE CARGA	ADAPTADOR DE CARGA		
POR KIT DE MANUTENÇÃO	KIT DE MANUTENÇÃO	POR ADAPTADOR DE CARGA	ADAPTADOR DE CARGA		

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

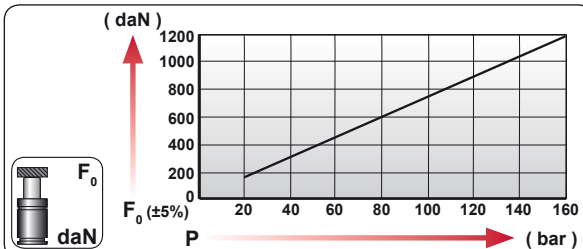
bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	150	2175	0	32	80	176	

# ART 1200

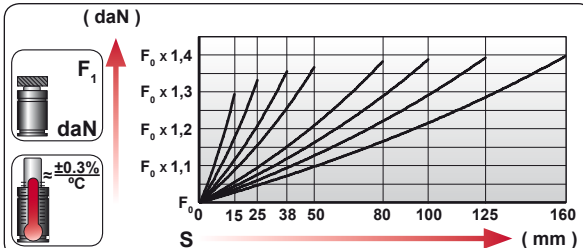
Special Applications



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	F <sub>0</sub> daN	F <sub>1</sub> daN
ART 1200 050		160	2320	1200	1640
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ENG ORDER	DEU BESTELLUNG	FRA COMMANDE	ITA ORDINE	ESP PEDIDO	POR PEDIDO

ART 1200 50

ART 1200 050

SEAL KIT S-XXXXXXX

CARTRIDGE KIT C-XXXXXXX

**KIT S-XXXXXXX**

**KIT C-XXXXXXX**

**18 CG 1-Q**

ENG REPAIR KIT	REPAIR KIT	CHARGING ADAPTER
DEU ERSATZ	ERSATZ	LADEADAPTER
FRA KIT DE RÉPARATION	KIT DE RÉPARATION	RACCORD DE CHARGE
ITA KIT DI MANUTENZIONE	KIT DI MANUTENZIONE	ADATTATORE DI CARICO
ESP KIT DE REPARACION	KIT DE REPARACION	ADAPTADOR DE CARGA
POR KIT DE MANUTENÇÃO	KIT DE MANUTENÇÃO	ADAPTADOR DE CARGA

N<sub>2</sub>

S<sub>max</sub> < 90%

V<sub>max</sub> 0,5 m/s

P<sub>min</sub> (20°C)  
P<sub>max</sub> (20°C)

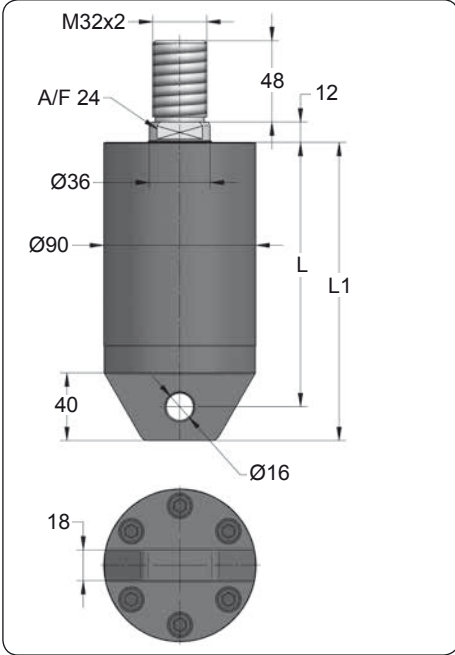
T<sub>min</sub>  
T<sub>max</sub>

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	X
			20 290	160 2320	0 32	80 176		

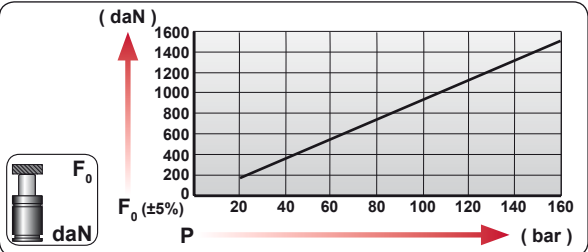


# AZOL GAS ART 1500

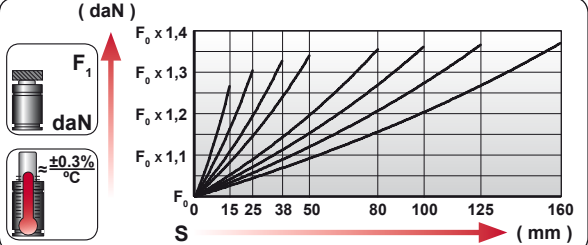
Special Applications



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		
ART 1500 050		160	2320	1500	2010
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	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO		
		daN	mm
		ART 1500	50
		ART 1500 050	

	SEAL KIT S-XXXXXXX		CARTRIDGE KIT C-XXXXXXX		18 CG 1-Q
	KIT S-XXXXXXX KIT C-XXXXXXX				
ENG DEU FRA ITA ESP POR	REPAIR KIT ERSATZ KIT DE RÉPARATION KIT DI MANUTENZIONE KIT DE REPARACION KIT DE MANUTENÇÃO	CHARGING ADAPTER LADEADAPTER RACCORD DE CHARGE ADATTATORE DI CARICO ADAPTADOR DE CARGA ADAPTADOR DE CARGA			

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

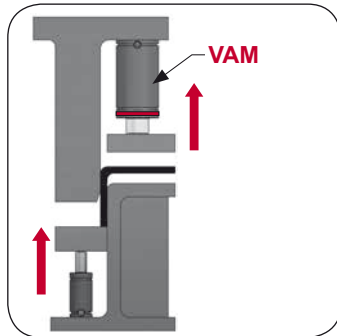
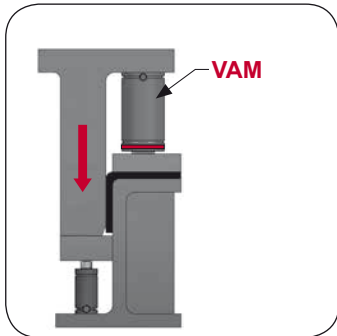
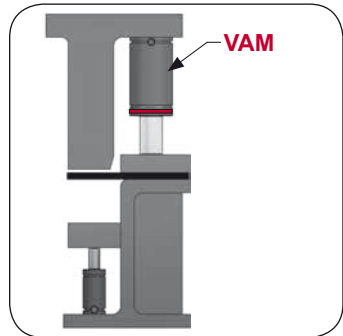
bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	160	2320	0	32	80	176	





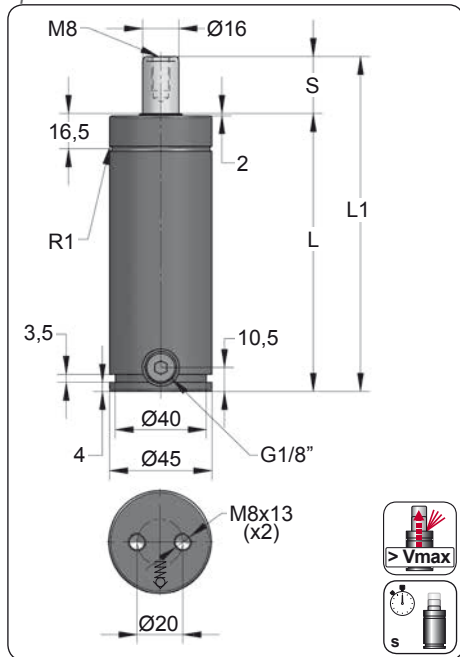
# VAM SPEED CONTROL

MODEL	F <sub>0</sub>	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"	✓	✓



# VAM 300 V1

Speed Control



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

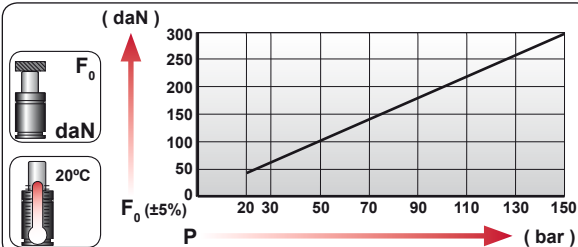
$$t_{max} = k \times S_U$$

	k
VAM 300 V1	0.015

Max. delay time ( $t_{max}$ )

Constant (k)

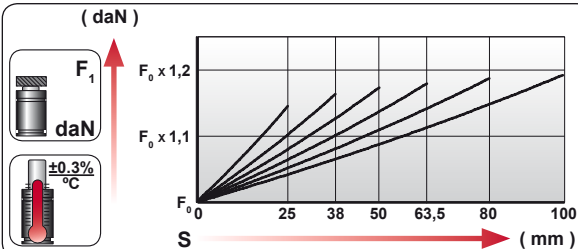
Stroke used ( $S_U$ )



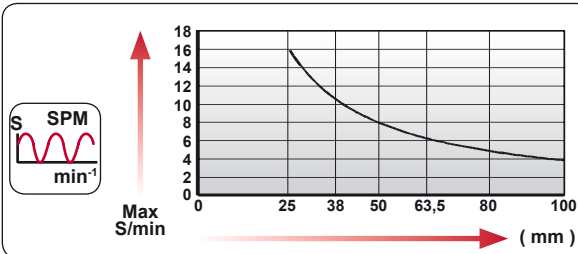
CODE	Pressure		$F_0$ daN	$F_1$ daN
	bar	psi		
VAM 300 V1	150	2175	300	350

-Slight initial return back depends on the stroke used.

-Return at constant slowed speed.



	ENG ORDER		$F_0$		S
	DEU BESTELLUNG	300	daN	50	mm
	FRA COMMANDE	VAM			
	ITA ORDINE	300			
	ESP PEDIDO	50			
POR PEDIDO	VAM 300 050 V1				



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	600 CP-

bar	psi	bar	psi	°C	°F	°C	°F	
20	290	150	2175	0	32	80	176	

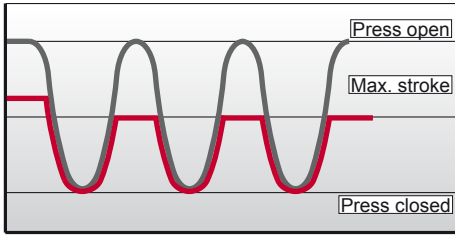


# VAM 300 V1

Speed Control

## CONVENTIONAL

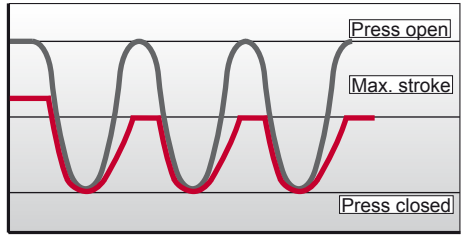
Stroke



Time

## VAM

Stroke



Time

## DATA REQUIRED



• Desired force ( daN ) : .....



• Total stroke ( mm ) : .....



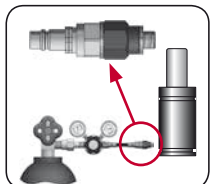
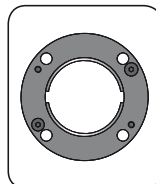
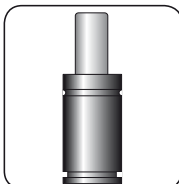
• Stroke used ( mm ) : .....



• Number of cycles per minute : .....



• Desired delay time ( eg. 1 second ) : .....



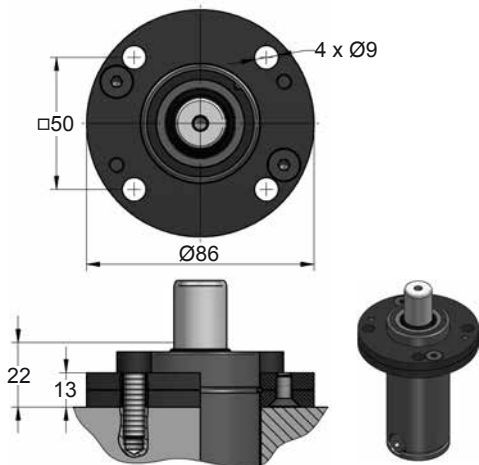
CODE	VAM 300 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-045	18 CG 1-Q
ENG	ORDER	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA	COMMANDE	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# VAM 300 V1 MOUNTS

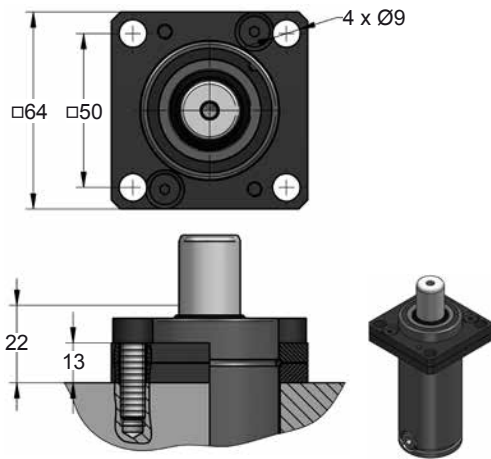
Speed Control

**AZOL**  
**GAS**

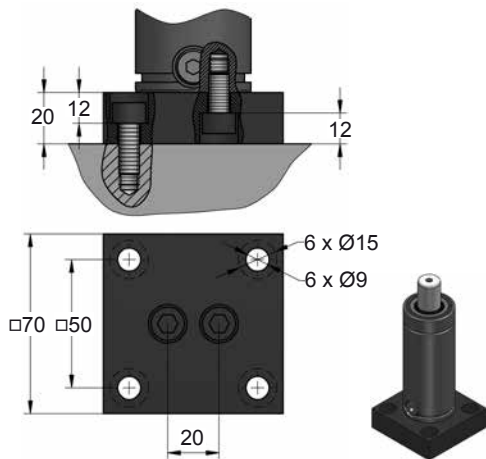
## A14-045

E24.54.815.G  
EM24.54.700F

## A34-045



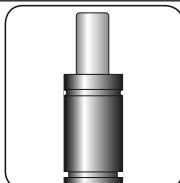
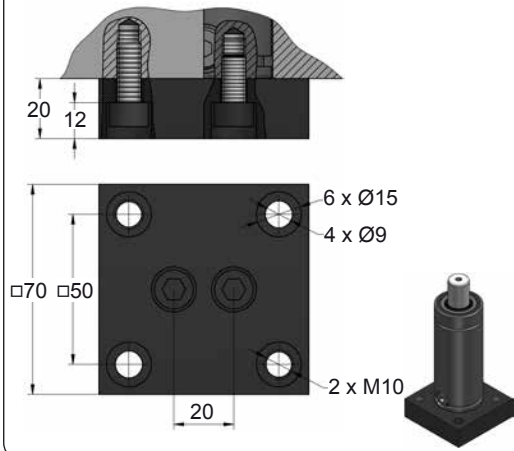
## B21-045



## B76-045



E24.54.815.G

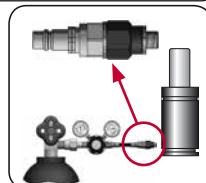
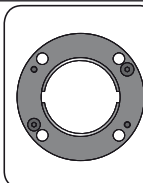


SEAL

KIT S-XXXXXXX

CARTRIDGE

KIT C-XXXXXXX



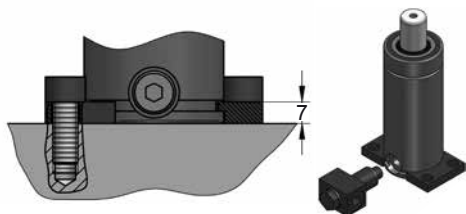
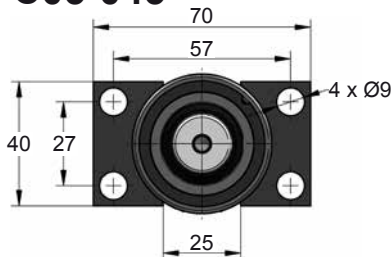
CODE	VAM 300 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	A14-045	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA



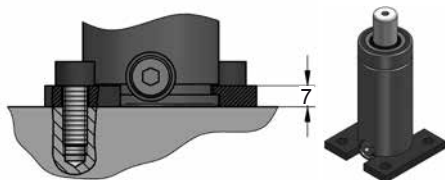
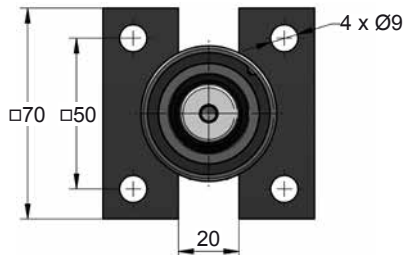
# VAM 300 V1 MOUNTS

Speed Control

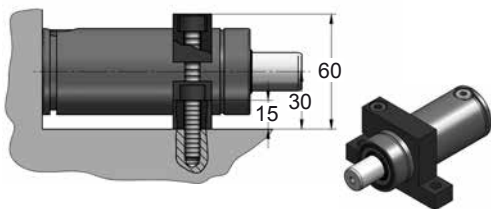
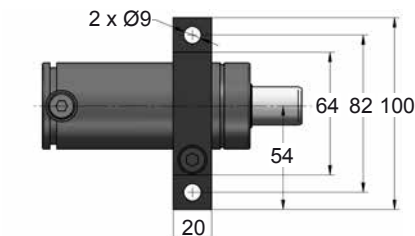
## C05-045



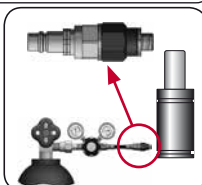
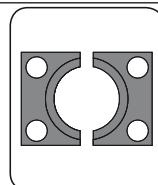
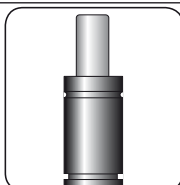
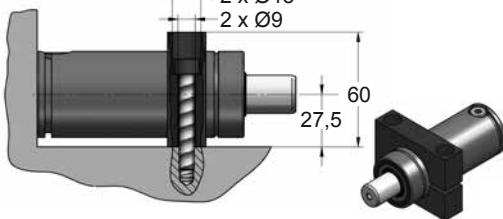
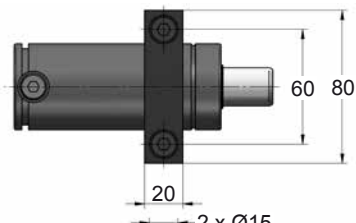
## C20-045



## D02-045



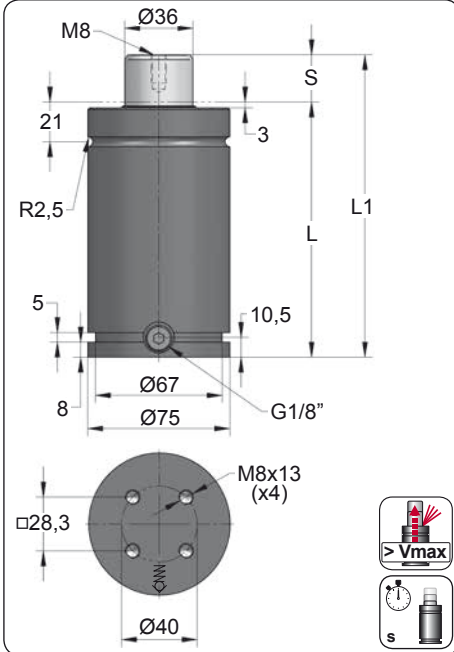
## D67-045



CODE	VAM 300 050 V1	KIT S-XXXXXXX KIT C-XXXXXXX	C05-045	18 CG 1-Q	
ENG	ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

Speed Control

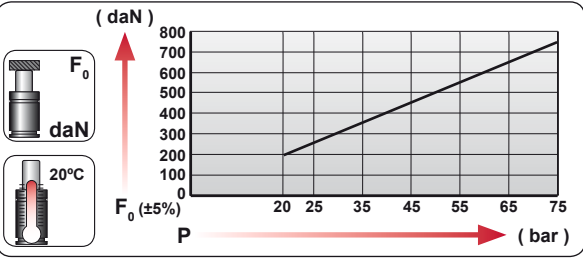


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
VAM 750 025	25	160	135	3.47
VAM 750 038	38	186	148	3.71
VAM 750 050	50	210	160	3.92
VAM 750 063	63.5	237	173.5	4.17
VAM 750 080	80	270	190	4.46
VAM 750 100	100	310	210	4.82
VAM 750 125	125	360	235	5.27

$t_{max} = k \times S_U$

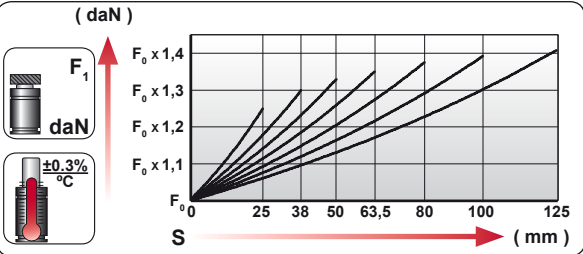
	k
VAM 750	0.062

Max. delay time ( $t_{max}$ )  
Constant (k)  
Stroke used ( $S_U$ )



CODE	Pressure		Force	
	bar	psi	daN	daN
VAM 750	75	1088	760	1010

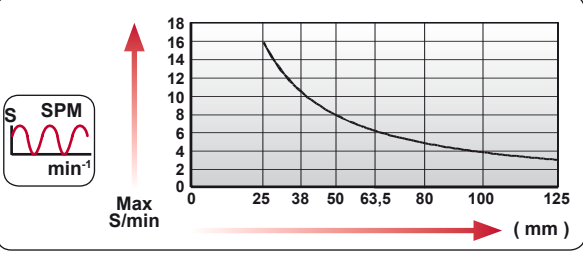
-Slight initial return back depends on the stroke used.  
-Return at constant slowed speed.



ENG ORDER	DEU BESTELLUNG	FRA COMMANDE	ITA ORDINE	ESP PEDIDO	POR PEDIDO
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VAM 750 50

VAM 750 050



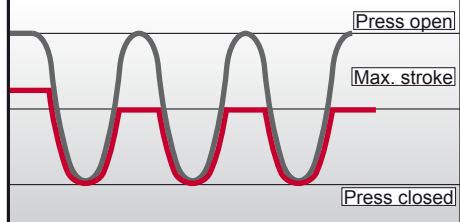
	$S_{max} < 90\%$	$V_{max} 0,5 \text{ m/s}$	$P_{min} (20^\circ\text{C})$	$P_{max} (20^\circ\text{C})$	$T_{min}$	$T_{max}$	
--	------------------	---------------------------	------------------------------	------------------------------	-----------	-----------	--

N <sub>2</sub>	$S_{max} < 90\%$	$V_{max} 0,5 \text{ m/s}$	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	75 1088	0 32	80 176	



**CONVENTIONAL**

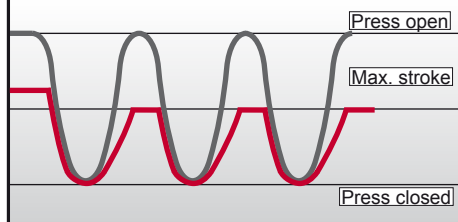
Stroke



Time

**VAM**

Stroke



Time

**DATA REQUIRED**



• Desired force ( daN ) : .....



• Total stroke ( mm ) : .....



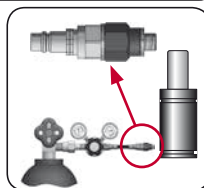
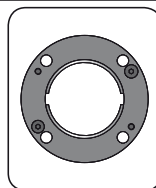
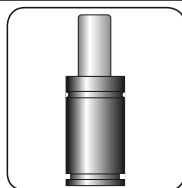
• Stroke used ( mm ) : .....



• Number of cycles per minute : .....



• Desired delay time ( eg. 1 second ) : .....



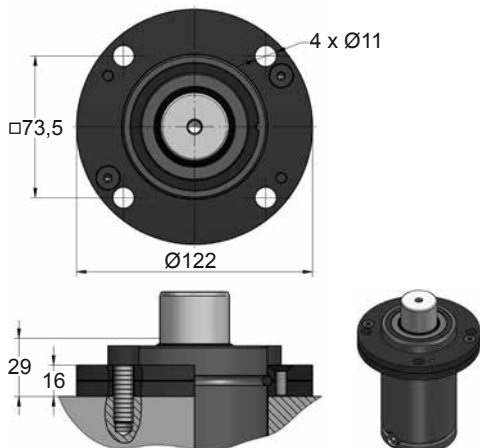
CODE	VAM 750 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

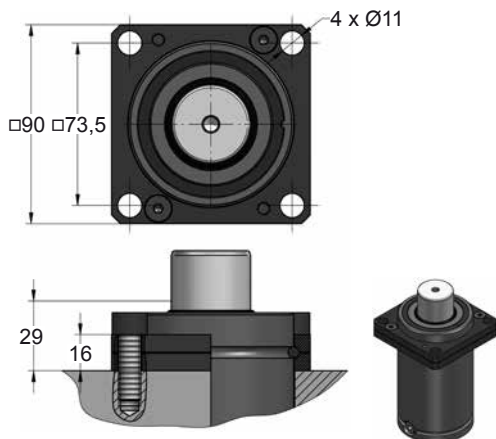
Speed Control

**AZOL**  
**GAS**

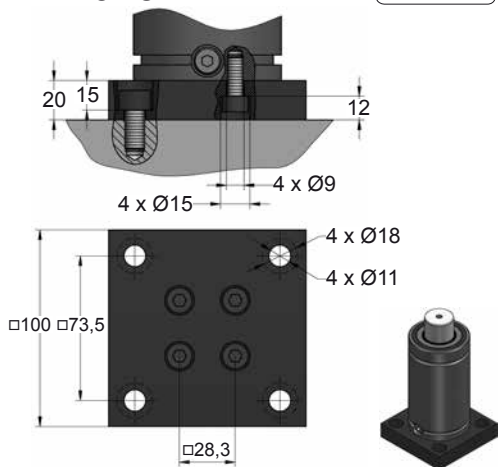
## A14-075



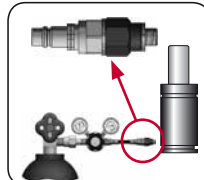
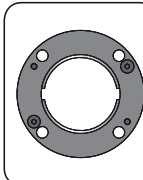
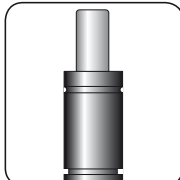
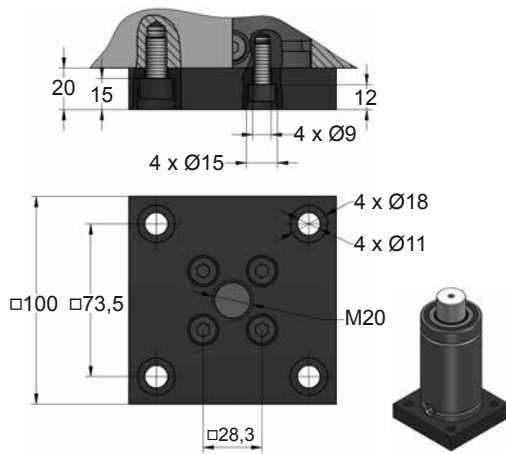
## A34-075



## B21-075



## B76-075



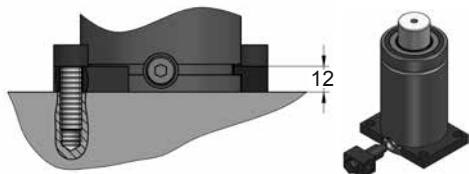
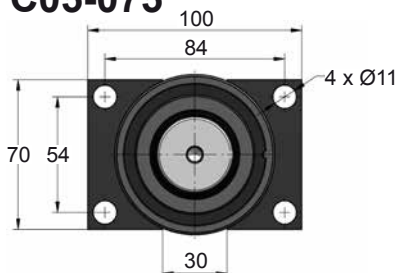
CODE	VAM 750 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA



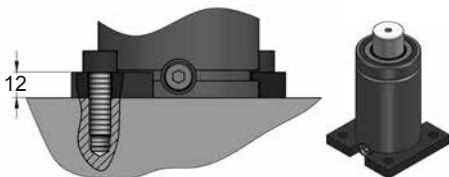
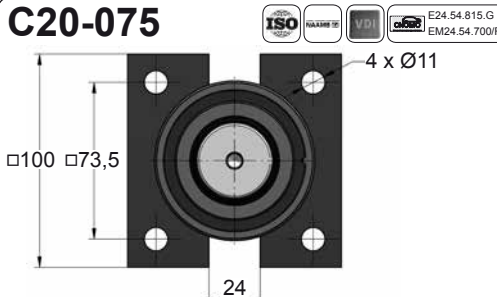
# VAM 750 MOUNTS

Speed Control

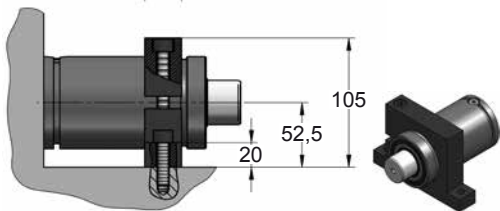
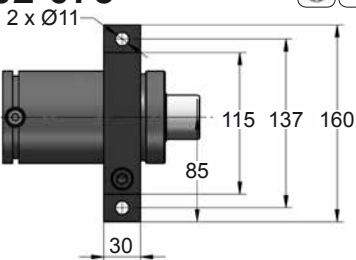
## C05-075



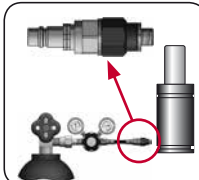
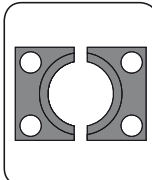
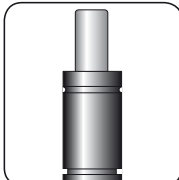
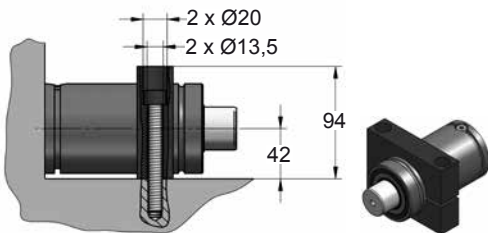
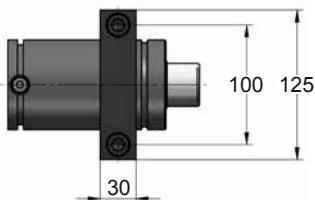
## C20-075



## D02-075



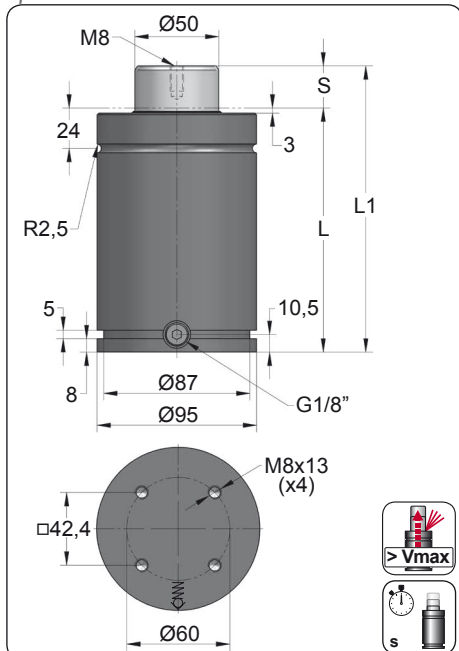
## D67-075



CODE	VAM 750 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-075	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

Speed Control

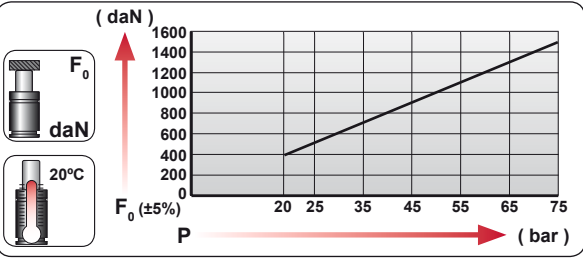


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
VAM 1500 012	12.7	145.4	132.7	5.75
VAM 1500 025	25	170	145	6.13
VAM 1500 038	38	196	158	6.54
VAM 1500 050	50	220	170	6.91
VAM 1500 063	63.5	247	183.5	7.33
VAM 1500 080	80	280	200	7.84
VAM 1500 100	100	320	220	8.46
VAM 1500 125	125	370	245	9.23

$t_{max} = k \times S \times U$

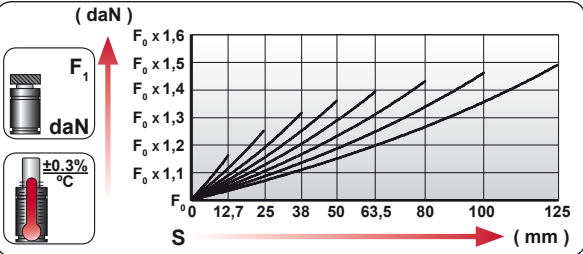
Max. delay time ( $t_{max}$ )  
Constant (k)  
Stroke used ( $S_U$ )

VAM 1500	k
	0.09



CODE	Pressure		Force	
	bar	psi	daN	daN
VAM 1500	75	1088	1470	2000

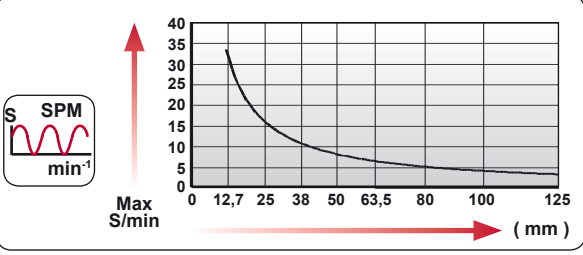
-Slight initial return back depends on the stroke used.  
-Return at constant slowed speed.



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

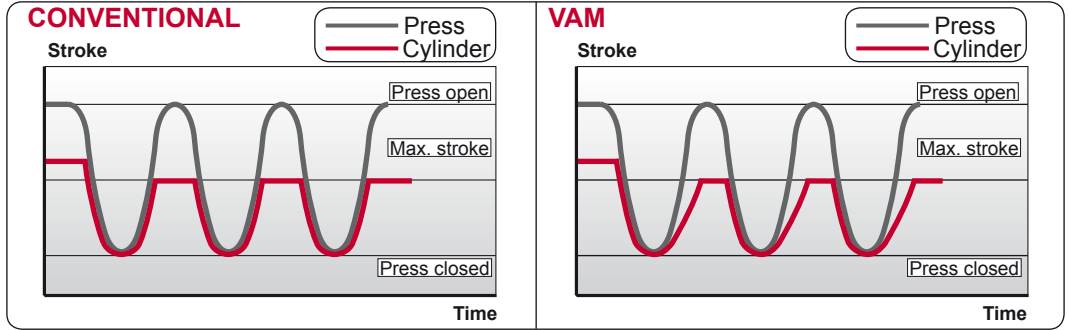
VAM 1500 50

VAM 1500 050



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N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	75 1088	0 32	80 176	



**DATA REQUIRED**



• Desired force ( daN ) :.....



• Total stroke ( mm ) :.....



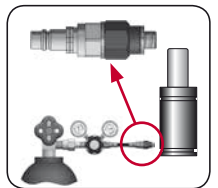
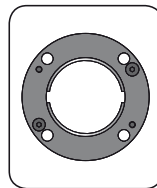
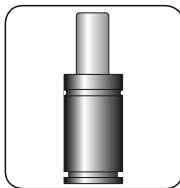
• Stroke used ( mm ) :.....



• Number of cycles per minute :.....



• Desired delay time ( eg. 1 second ) :.....



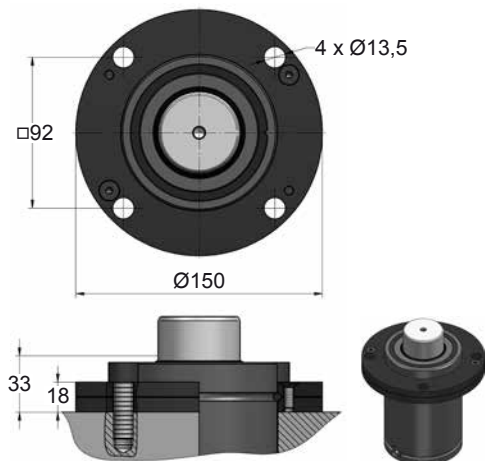
CODE	VAM 1500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

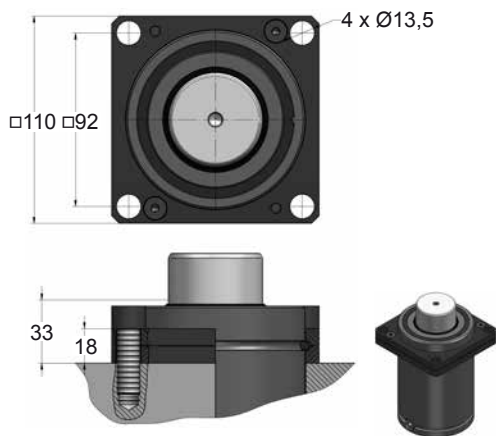
Speed Control

**AZOL**  
**GAS**

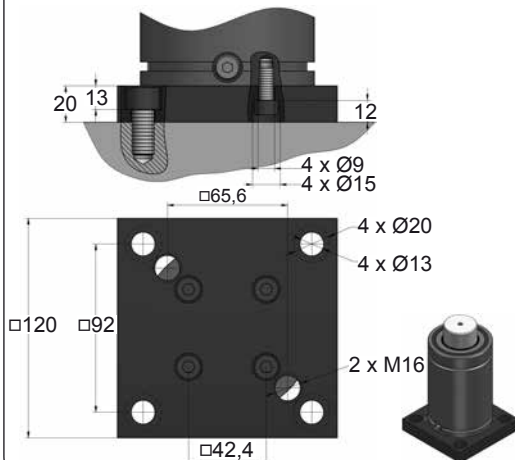
## A14-095



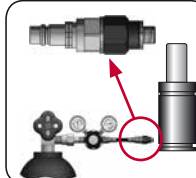
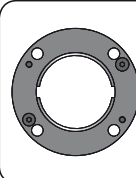
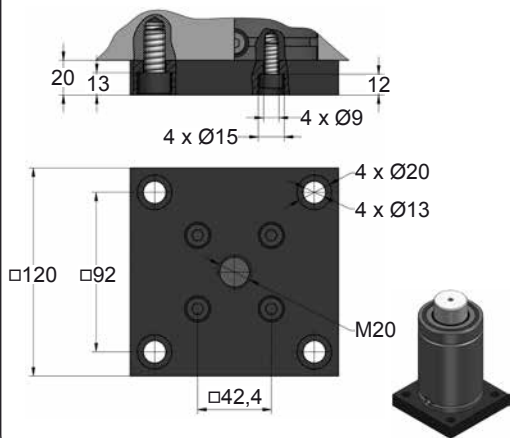
## A34-095



## B21-095



## B76-095



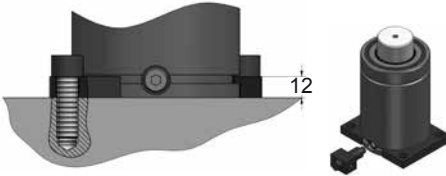
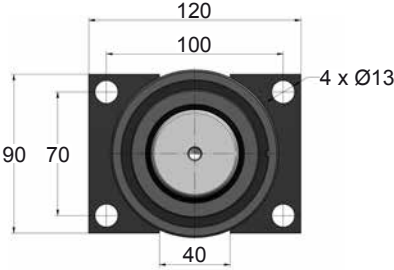
CODE	VAM 1500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA



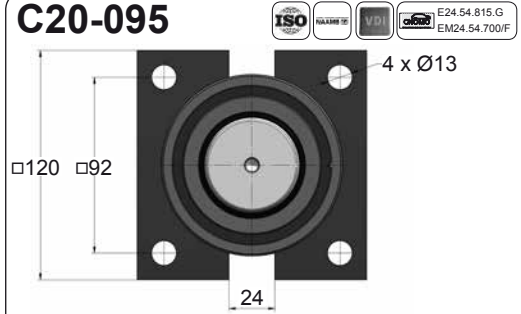
# VAM 1500 MOUNTS

Speed Control

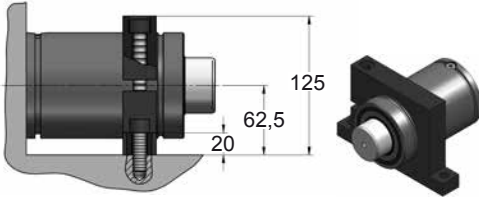
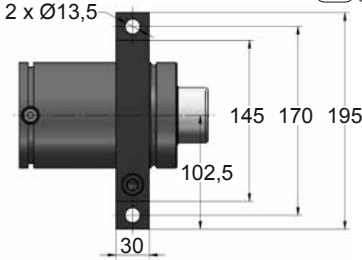
## C05-095



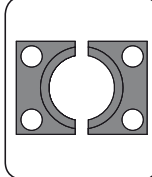
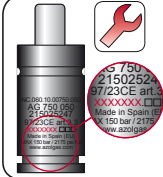
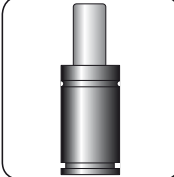
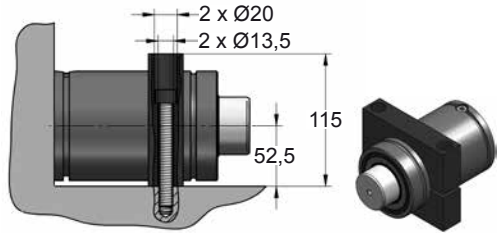
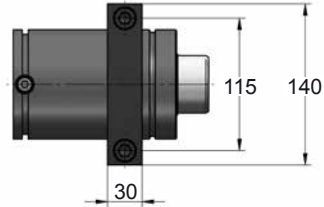
## C20-095



## D02-095



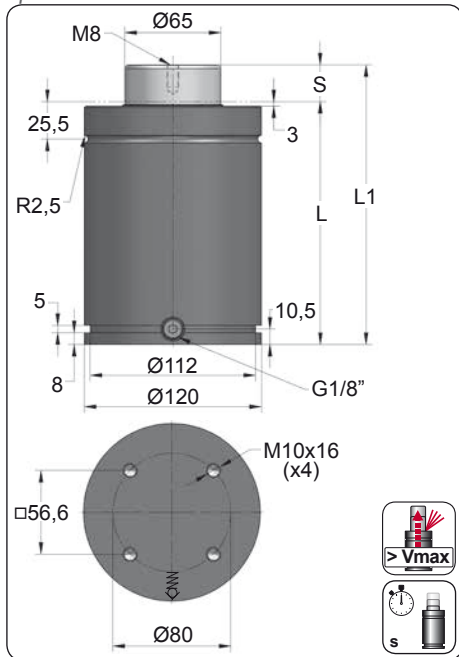
## D67-095



CODE	VAM 1500 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-095	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

Speed Control

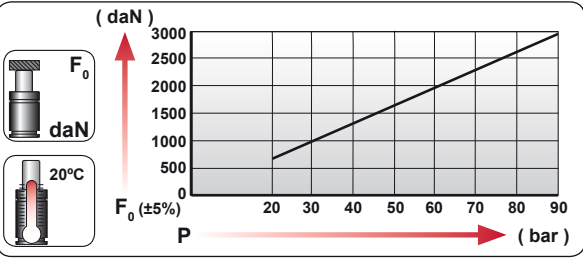


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
VAM 3000 012	12.7	165.4	152.7	10.39
VAM 3000 025	25	190	165	11.04
VAM 3000 038	38	216	178	11.73
VAM 3000 050	50	240	190	12.37
VAM 3000 063	63.5	267	203.5	13.08
VAM 3000 080	80	300	220	13.96
VAM 3000 100	100	340	240	15.02
VAM 3000 125	125	390	265	16.34

$t_{max} = k \times S \times U$

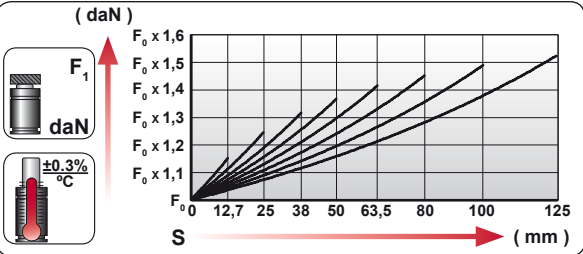
Max. delay time ( $t_{max}$ )  
Constant (k)  
Stroke used ( $S_U$ )

VAM 3000	k
	0.131



CODE	Pressure		Force	
	bar	psi	daN	daN
VAM 3000	90	1305	2985	4080

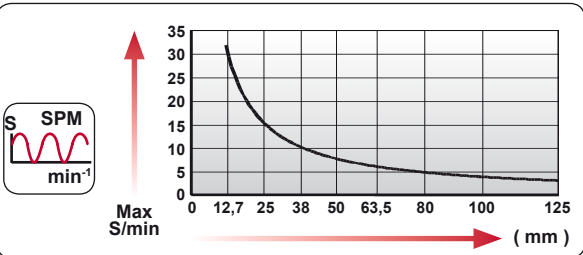
-Slight initial return back depends on the stroke used.  
-Return at constant slowed speed.



ENG ORDER	 F <sub>0</sub> daN	 S mm
DEU BESTELLUNG		
FRA COMMANDE		
ITA ORDINE		
ESP PEDIDO		
POR PEDIDO		

VAM 3000 50

VAM 3000 050



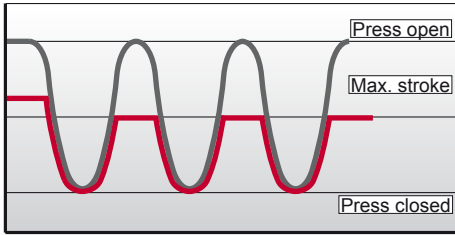
--	--	--	--	--	--	--	--

N <sub>2</sub>	Smax < 90%	Vmax 0,5 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	90 1305	0 32	80 176	



**CONVENTIONAL**

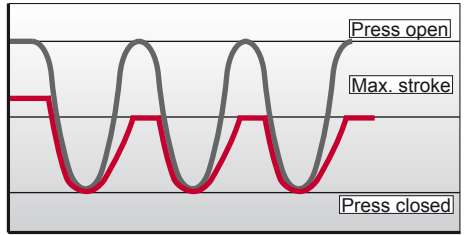
Stroke



Time

**VAM**

Stroke



Time

**DATA REQUIRED**



• Desired force ( **daN** ) :.....



• Total stroke ( **mm** ) :.....



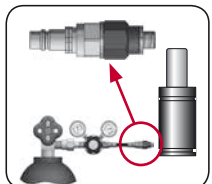
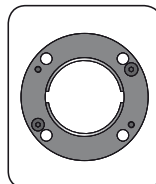
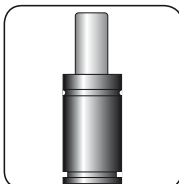
• Stroke used ( **mm** ) :.....



• Number of cycles per minute :.....



• Desired delay time ( **eg. 1 second** ) :.....



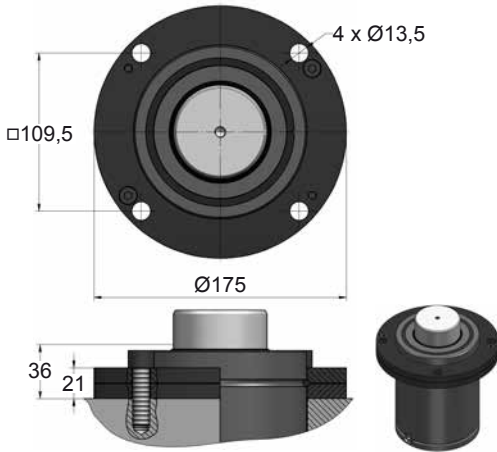
CODE	VAM 3000 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-120	18 CG 1-Q
ENG	ORDER	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA	COMMANDE	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# VAM 3000 MOUNTS

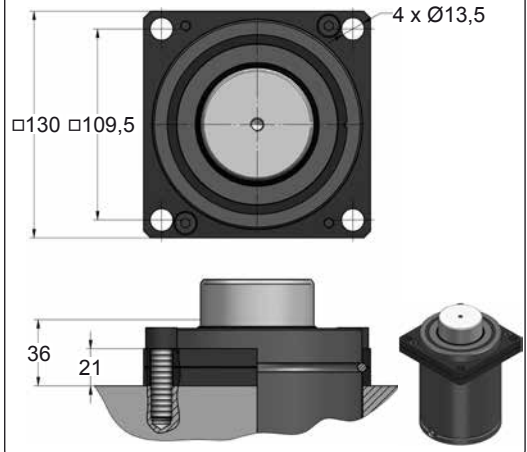
Speed Control

**AZOL**  
**GAS**

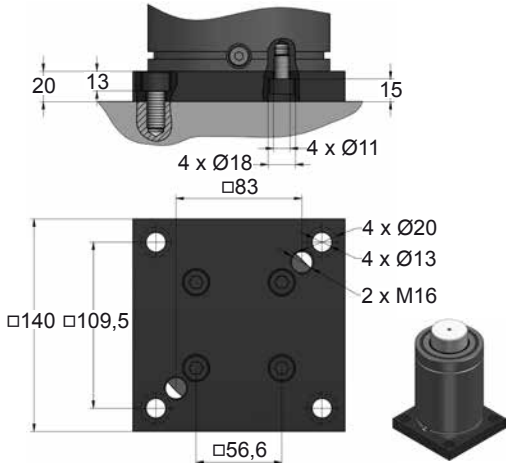
## A14-120



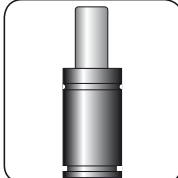
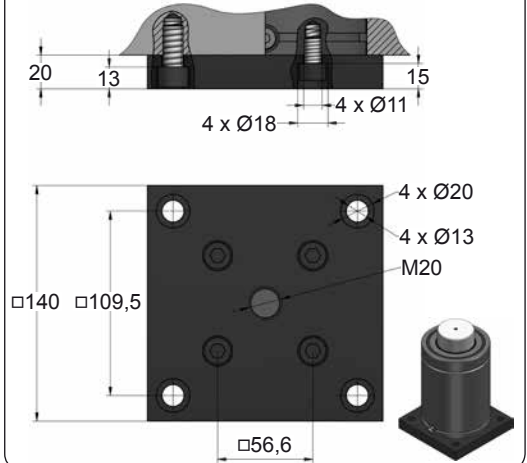
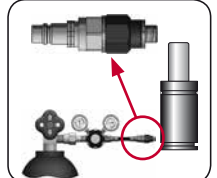
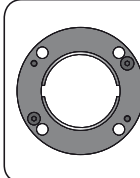
## A34-120



## B21-120



## B76-120


**SEAL**  
**KIT S-XXXXXXX**  
**CARTRIDGE**  
**KIT C-XXXXXXX**  


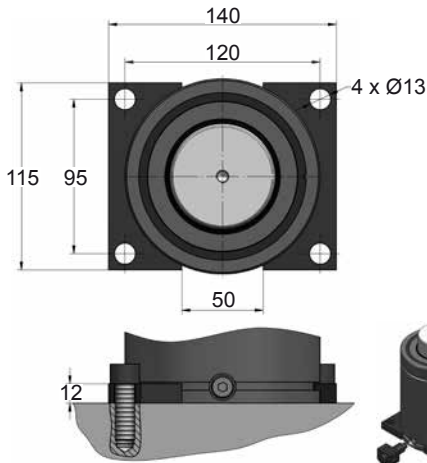
CODE	VAM 3000 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-120	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA



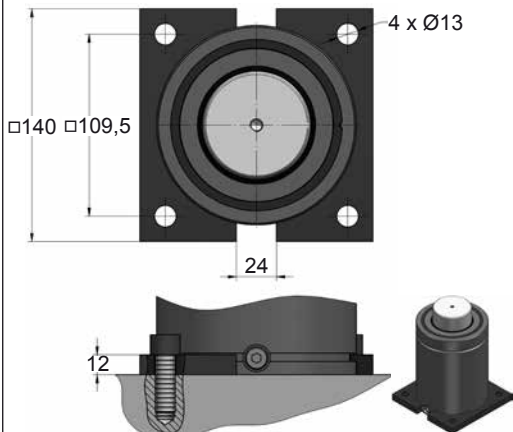
# VAM 3000 MOUNTS

Speed Control

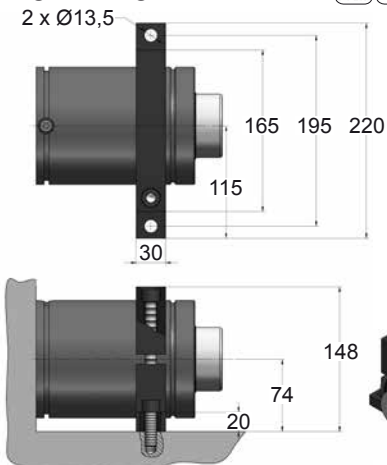
## C05-120



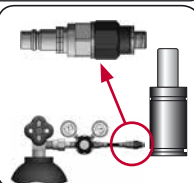
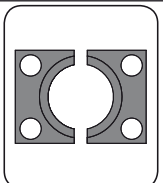
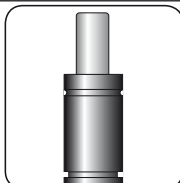
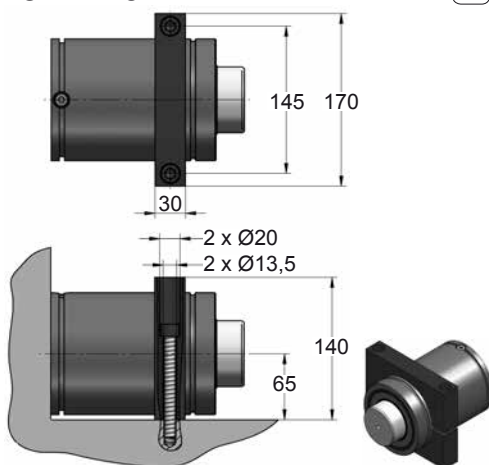
## C20-120



## D02-120



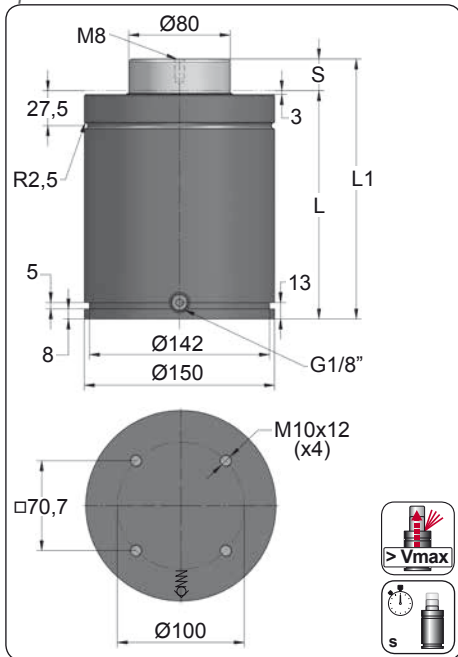
## D67-120



CODE	VAM 3000 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-120	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

Speed Control

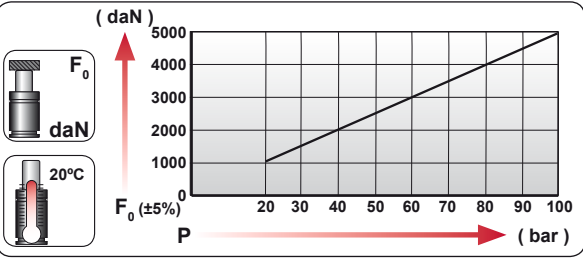


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
VAM 5000 012	12.7	180.4	167.7	18.22
VAM 5000 025	25	205	180	19.22
VAM 5000 038	38	231	193	20.27
VAM 5000 050	50	255	205	21.25
VAM 5000 063	63.5	282	218.5	22.34
VAM 5000 080	80	315	235	23.68
VAM 5000 100	100	355	255	25.30
VAM 5000 125	125	405	280	27.32

$t_{max} = k \times S \times U$

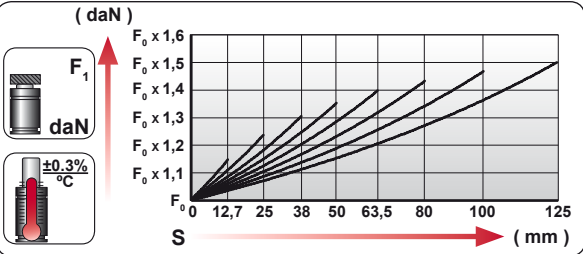
Max. delay time ( $t_{max}$ )  
Constant (k)  
Stroke used ( $S_U$ )

VAM 5000	k
	0.214



CODE	Pressure		Force	
	bar	psi	daN	daN
VAM 5000	100	1450	5025	6800

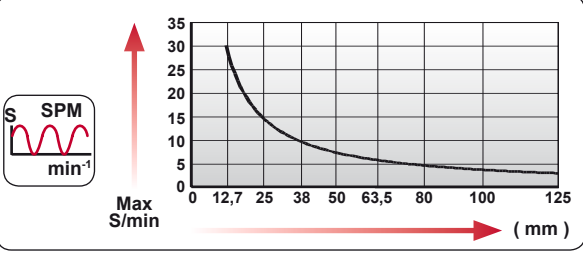
-Slight initial return back depends on the stroke used.  
-Return at constant slowed speed.



ENG ORDER	DEU BESTELLUNG	FRA COMMANDE	ITA ORDINE	ESP PEDIDO	POR PEDIDO
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VAM 5000 50

VAM 5000 050



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N <sub>2</sub>	Smax < 90%	Vmax 0,5 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	100 1450	0 32	80 176	

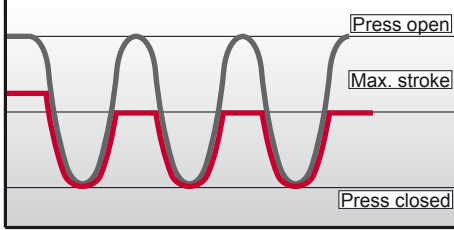


# VAM 5000

Speed Control

## CONVENTIONAL

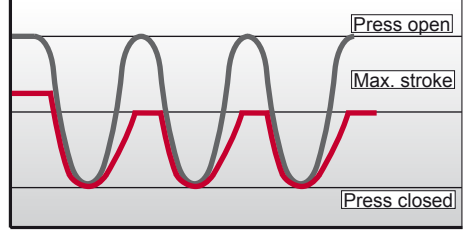
Stroke



Time

## VAM

Stroke



Time

## DATA REQUIRED



• Desired force ( daN ):.....



• Total stroke ( mm ):.....



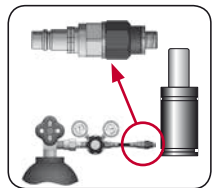
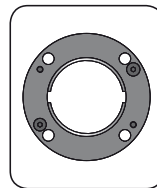
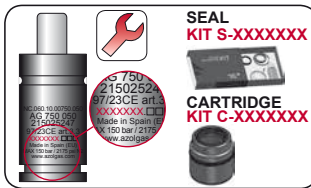
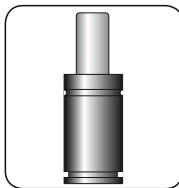
• Stroke used ( mm ):.....



• Number of cycles per minute:.....



• Desired delay time ( eg. 1 second ):.....



CODE	VAM 5000 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	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
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

Speed Control



### A14-150

ISO 9001 QUALITY SYSTEM E24.54.815.G EM24.54.700/F

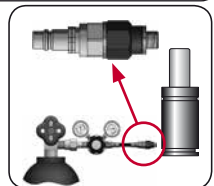
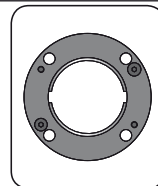
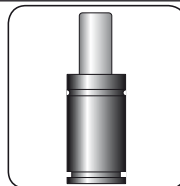
### A34-150

ISO 9001 QUALITY SYSTEM VDI

### B21-150

### B76-150

ISO 9001 QUALITY SYSTEM



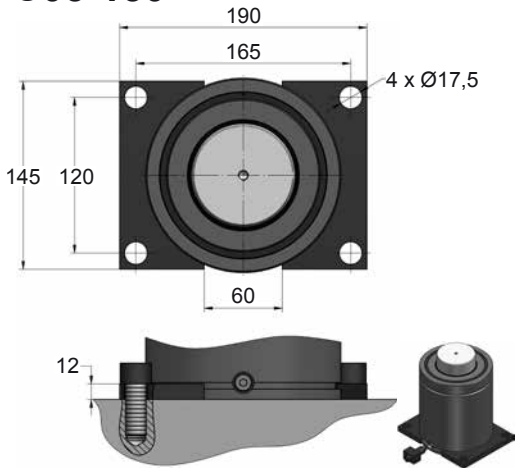
CODE	VAM 5000 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-150	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA



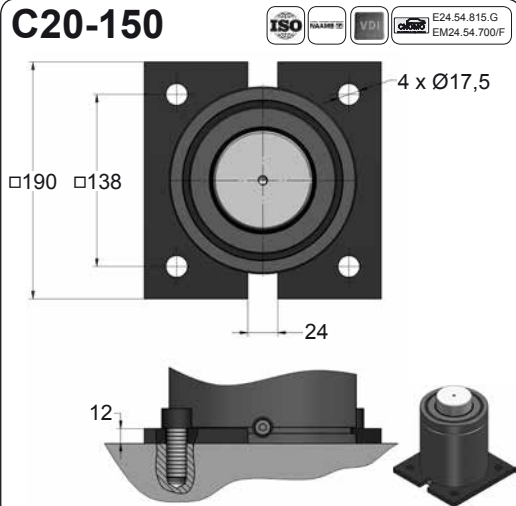
# VAM 5000 MOUNTS

Speed Control

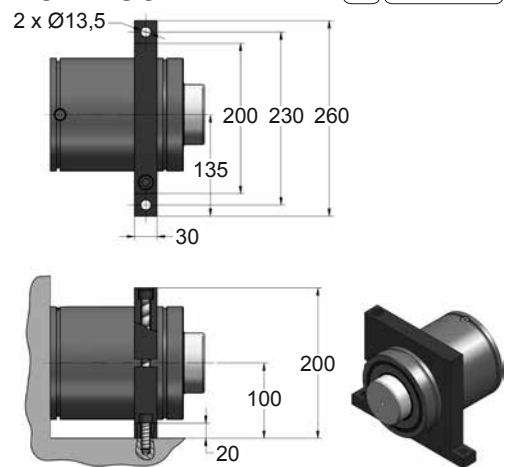
## C05-150



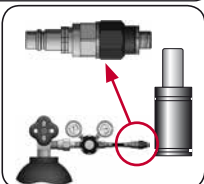
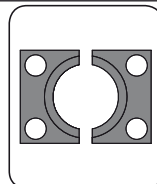
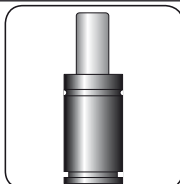
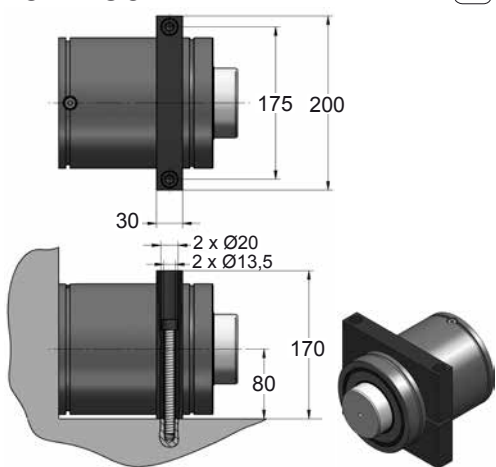
## C20-150



## D02-150



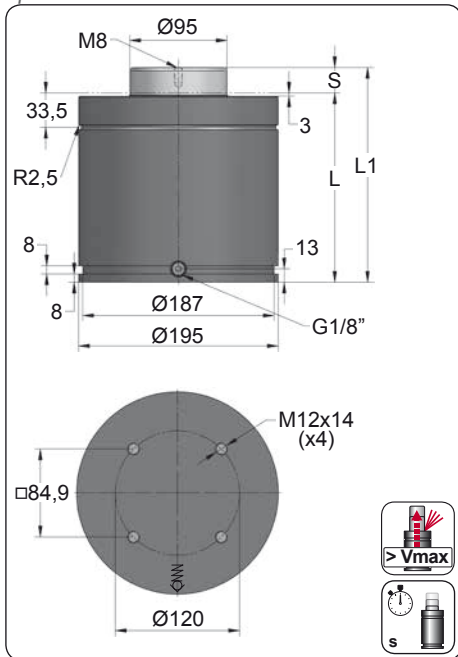
## D67-150



CODE	VAM 5000 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-150	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# VAM 7500

Speed Control

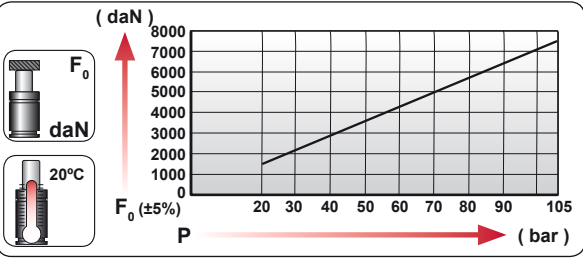


ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
VAM 7500 012	12.7	185.4	172.7	33.44
VAM 7500 025	25	210	185	35.08
VAM 7500 038	38	236	198	36.81
VAM 7500 050	50	260	210	38.41
VAM 7500 063	63.5	287	223.5	40.20
VAM 7500 080	80	320	240	42.40
VAM 7500 100	100	360	260	45.06
VAM 7500 125	125	410	285	48.38

$t_{max} = k \times S \times U$

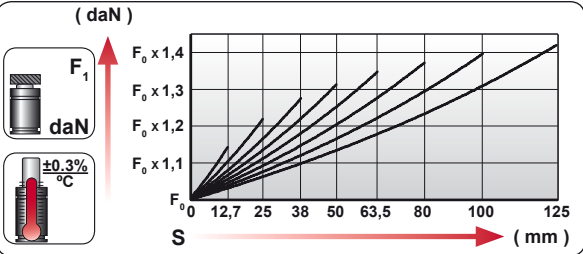
Max. delay time ( $t_{max}$ )  
Constant (k)  
Stroke used ( $S_U$ )

VAM 7500	0.289
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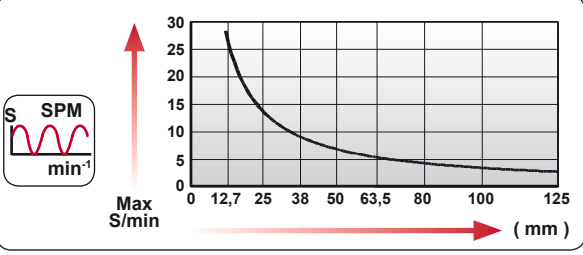


CODE	Pressure		Force	
	bar	psi	daN	daN
VAM 7500	105	1520	7440	9760

-Slight initial return back depends on the stroke used.  
-Return at constant slowed speed.



	ENG ORDER DEU BESTELLUNG FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO	$F_0$ daN	S mm
VAM 7500 50		VAM 7500 050	



	$S_{max} < 100\%$	$v$	Pmin (20°C)	Pmax (20°C)	Tmin	Tmax	
--	-------------------	-----	-------------	-------------	------	------	--

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	105 1520	0 32	80 176	

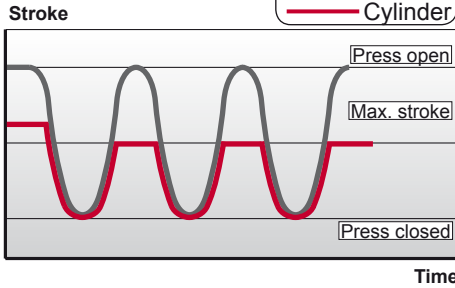




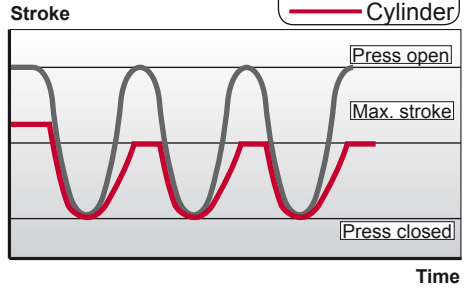
# VAM 7500

Speed Control

## CONVENTIONAL



## VAM



## DATA REQUIRED



• Desired force ( daN ) : .....



• Total stroke ( mm ) : .....



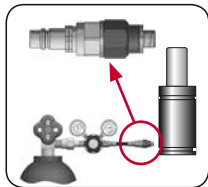
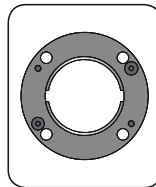
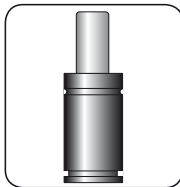
• Stroke used ( mm ) : .....



• Number of cycles per minute : .....



• Desired delay time ( eg. 1 second ) : .....



CODE	VAM 7500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-195	18 CG 1-Q
ENG	ORDER	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# VAM 7500 MOUNTS

Speed Control



### A14-195

ISO EM24.54.700/F

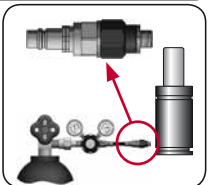
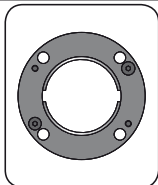
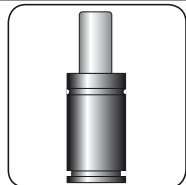
### A34-195

ISO VDI

### B21-195

### B76-195

ISO NORME



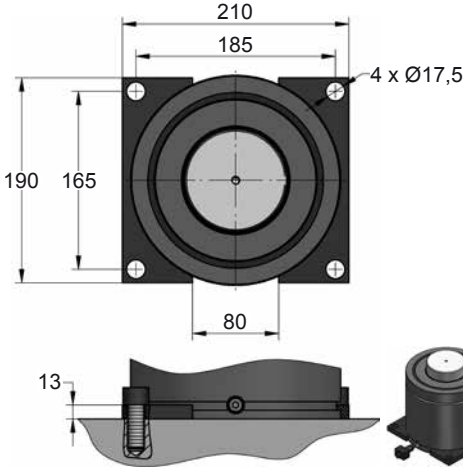
CODE	VAM 7500 050	KIT S-XXXXXXX KIT C-XXXXXXX	A14-195	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA



# VAM 7500 MOUNTS

Speed Control

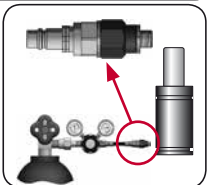
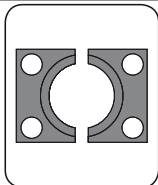
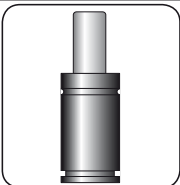
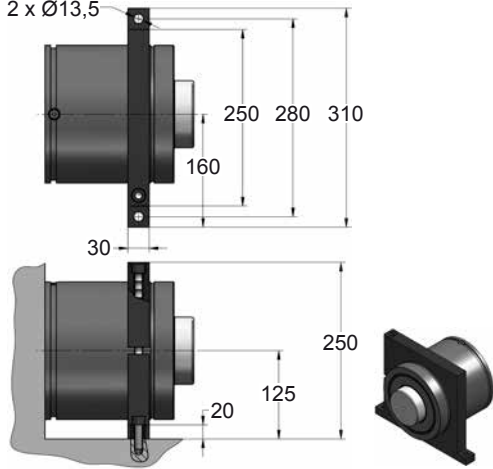
## C05-195



## C20-195



## D02-195



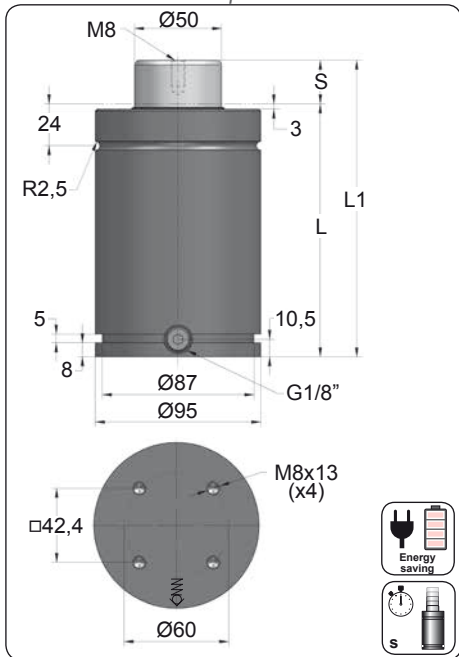
CODE	VAM 7500 050	KIT S-XXXXXXX KIT C-XXXXXXX	C05-195	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA



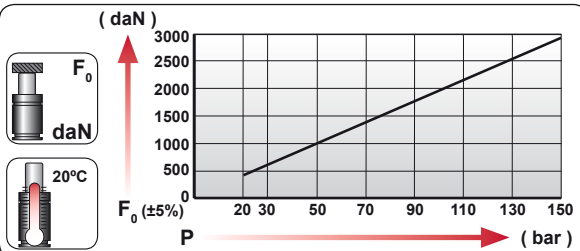


# VMD 3000

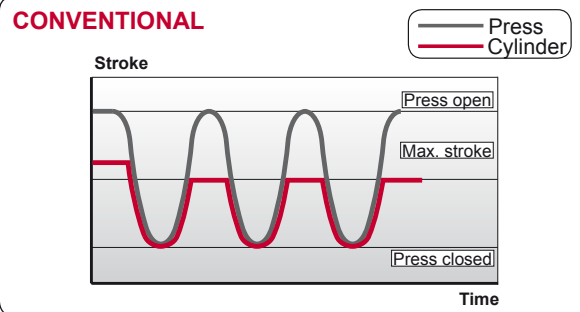
Slowed Return Tool Separation



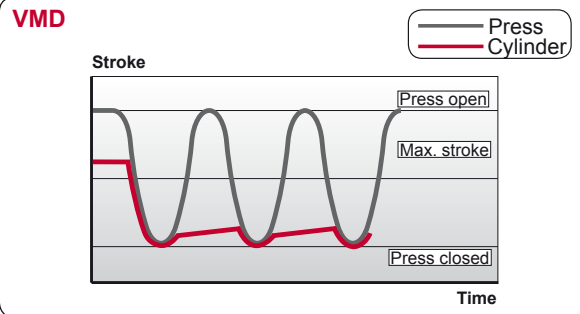
ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
VMD 3000 080	80	280	200	8.21
VMD 3000 100	100	320	220	8.40
VMD 3000 125	125	370	245	8.98
VMD 3000 160	160	440	280	10.08
VMD 3000 200	200	520	320	11.40
VMD 3000 250	250	620	370	13.20
VMD 3000 300	300	720	420	14.25



## CONVENTIONAL



## VMD



CODE				
	bar	psi	daN	daN
VMD 3000 080	150	2175	2945	4365

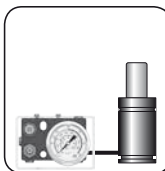
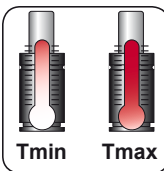
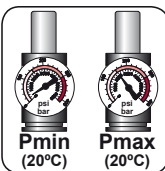
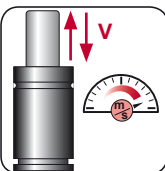
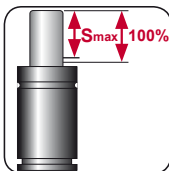
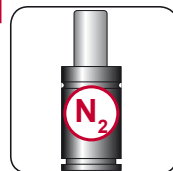


**WARNING!**  
Very slowed return, avoid crush.

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

VMD 3000 80

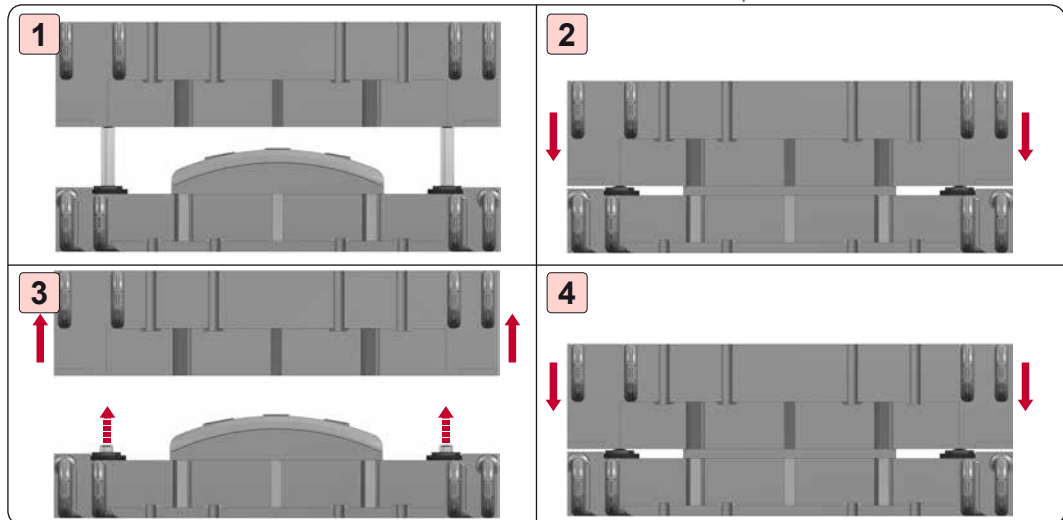
VMD 3000 080



N <sub>2</sub>	Smax < 90%	Vmax 0,5 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

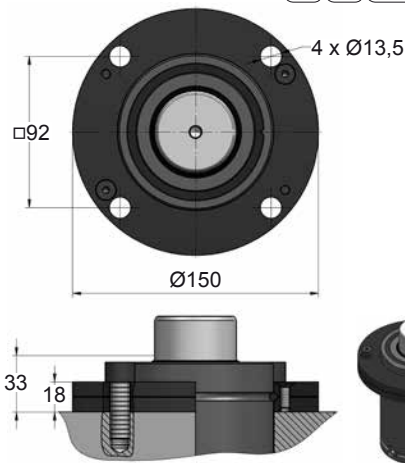
# VMD 3000 MOUNTS

Slowed Return Tool Separation



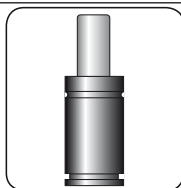
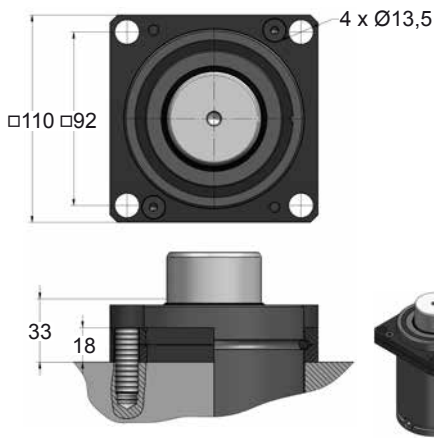
## A14-095

ISO 9001 WAHRE ZEICHNUNG E24.54.815.G EM24.54.700/F

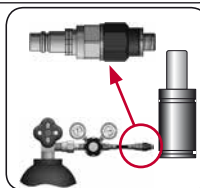
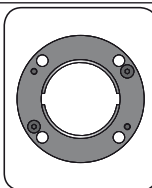


## A34-095

ISO 9001 VDI



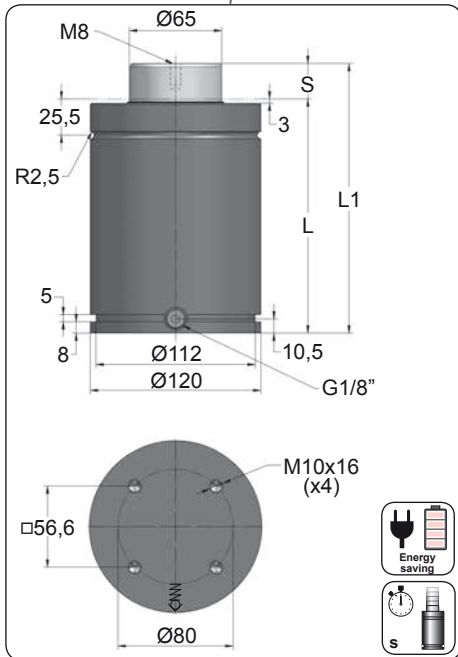
**SEAL KIT S-XXXXXXX**  
**CARTRIDGE KIT C-XXXXXXX**



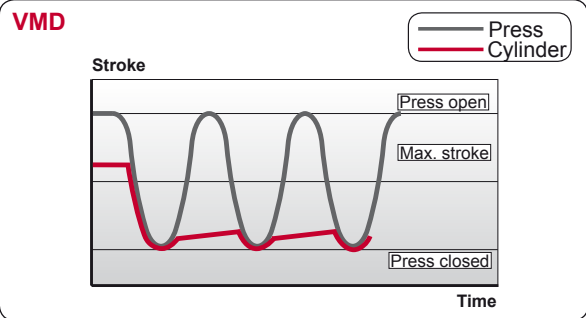
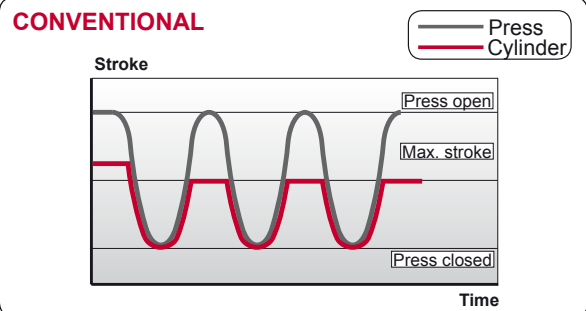
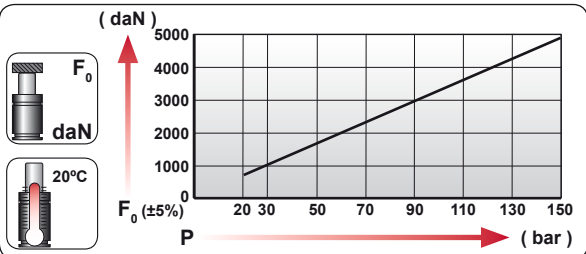
CODE	VMD 3000 080	KIT S-XXXXXXX KIT C-XXXXXXX	A14-095	18 CG 1-Q
ENG	ORDER	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU	BESTELLUNG	ERSATZTEILSATZ	FLANSCHEN	LADEADAPTER
FRA	COMMANDE	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA	ORDINE	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP	PEDIDO	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR	PEDIDO	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# VMD 5000

Slowed Return Tool Separation



ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
VMD 5000 080	80	300	220	14.60
VMD 5000 100	100	340	240	15.05
VMD 5000 125	125	390	265	16.40
VMD 5000 160	160	460	300	18.20
VMD 5000 200	200	540	340	20.00
VMD 5000 250	250	640	390	23.40
VMD 5000 300	300	740	440	25.00



CODE				
	bar	psi	daN	daN
VMD 5000 080	150	2175	4980	7560

**WARNING!**  
Very slowed return, avoid crush.

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

  
 $F_0$  daN    S mm  
**VMD 5000 80**  
**VMD 5000 080**

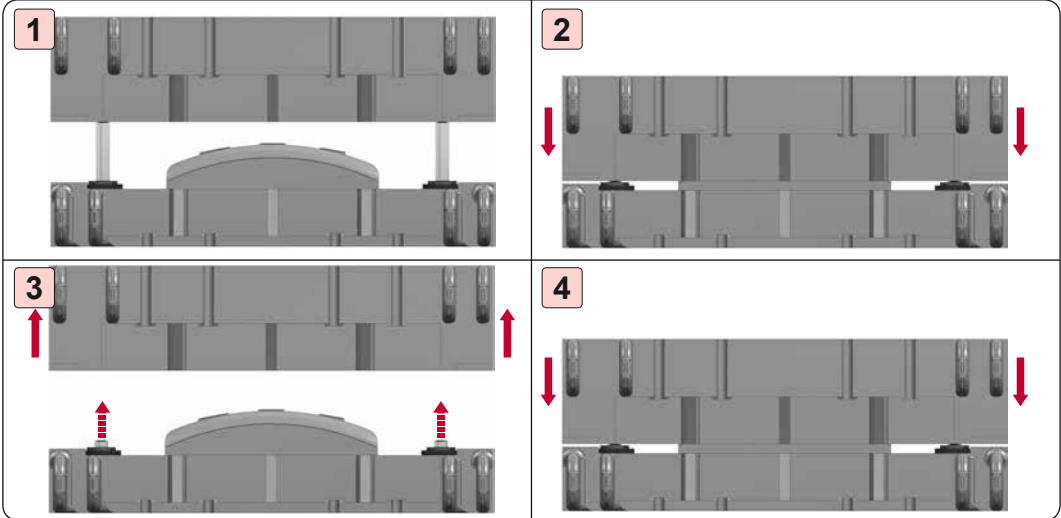
	$S_{max} < 90\%$	$V_{max} 0,5 \text{ m/s}$	Pmin (20°C)	Pmax (20°C)	Tmin	Tmax	
--	------------------	---------------------------	-------------	-------------	------	------	--

N <sub>2</sub>	$S_{max} < 90\%$	$V_{max} 0,5 \text{ m/s}$	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

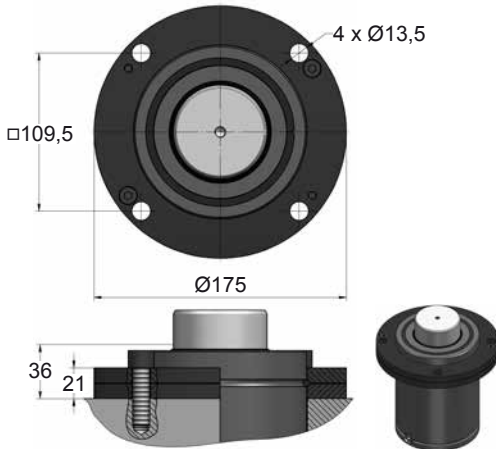


# VMD 5000 MOUNTS

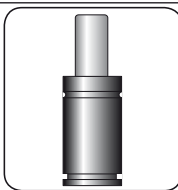
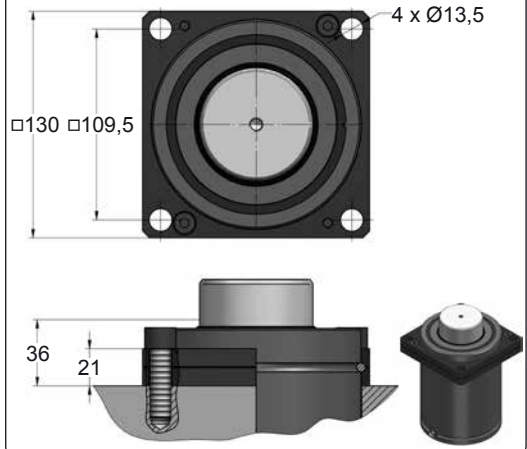
Slowed Return Tool Separation



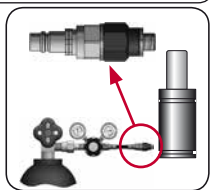
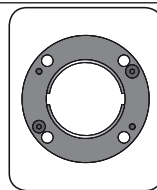
## A14-120



## A34-120



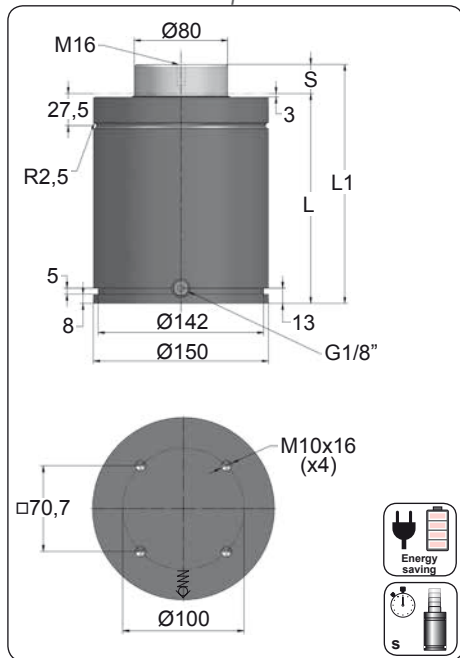
**SEAL KIT S-XXXXXXX**  
**CARTRIDGE KIT C-XXXXXXX**



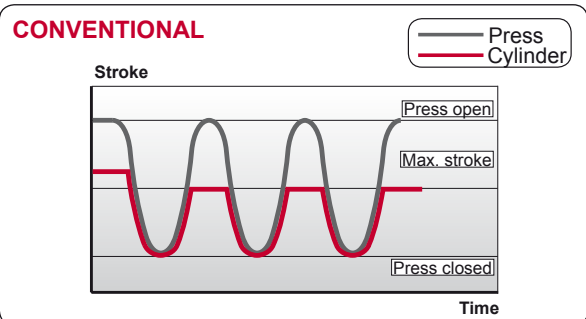
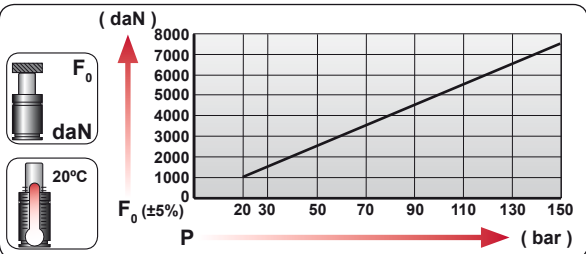
CODE	VMD 5000 080	KIT S-XXXXXXX KIT C-XXXXXXX	A14-120	18 CG 1-Q
ENG ORDER	GAS SPRING	REPAIR KIT	FLANGE	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

# VMD 7500

Slowed Return Tool Separation

ORDER	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
VMD 7500 080	80	315	235	23.50
VMD 7500 100	100	355	255	26.00
VMD 7500 125	125	405	280	27.00
VMD 7500 160	160	475	315	32.20
VMD 7500 200	200	555	355	34.20
VMD 7500 250	250	655	405	38.20
VMD 7500 300	300	755	455	43.00

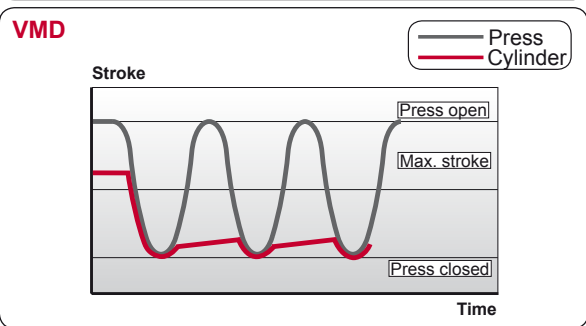


CODE	Pressure		Force	
	bar	psi	daN	daN
VMD 7500 080	150	2175	7540	11470

**WARNING!**  
Very slowed return, avoid crush.

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

**VMD 7500**  
**80**  
**VMD 7500 080**



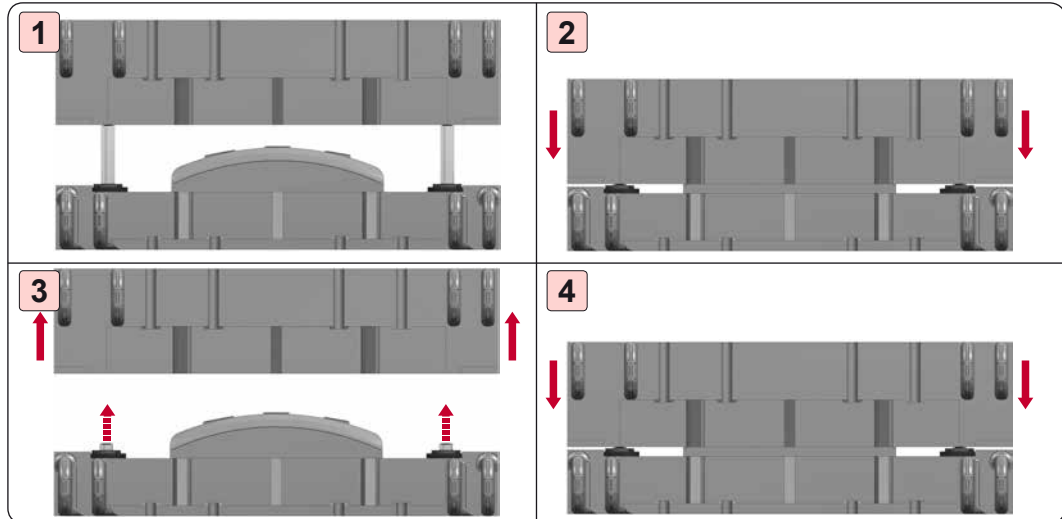
--	--	--	--	--	--	--	--

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,5 m/s	bar psi	bar psi	°C °F	°C °F	600 CP-
			20 290	150 2175	0 32	80 176	

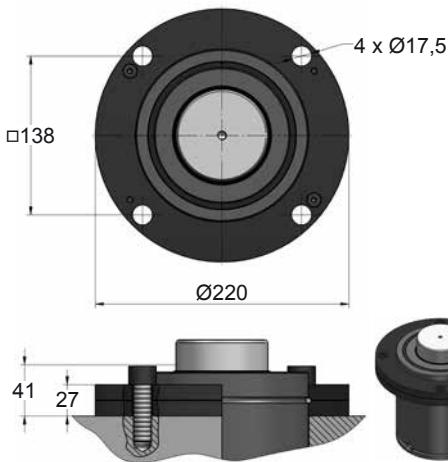


# VMD 7500 MOUNTS

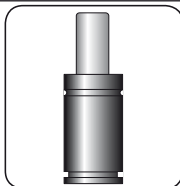
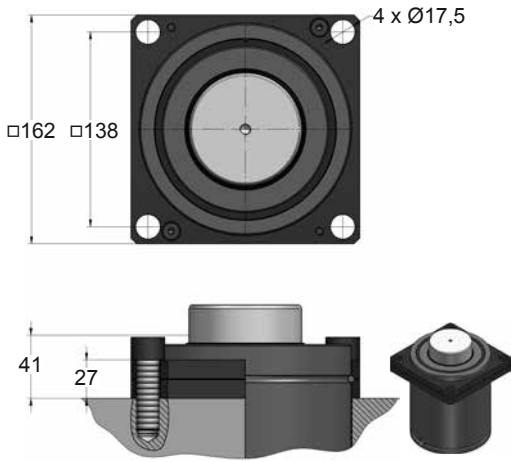
Slowed Return Tool Separation



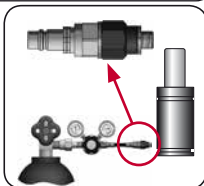
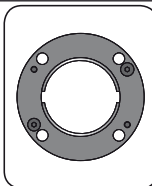
## A14-150



## A34-150



**SEAL KIT S-XXXXXXX**  
**CARTRIDGE KIT C-XXXXXXX**



CODE	VMD 7500 080	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	FLANSCH	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	BRIDE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	FLANGE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	BRIDA	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GÁS	KIT DE MANUTENÇÃO	FLANGE	ADAPTADOR DE CARGA

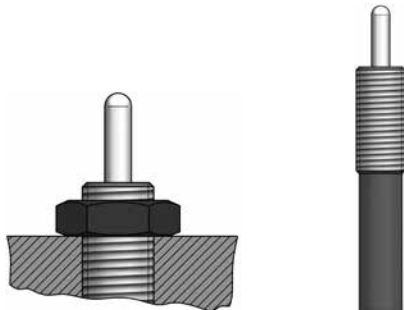




# GAS STRIPPERS / STOCK LIFTERS

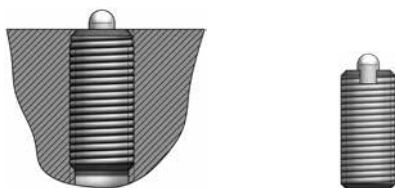
**EF\_**

*GAS STRIPPERS*



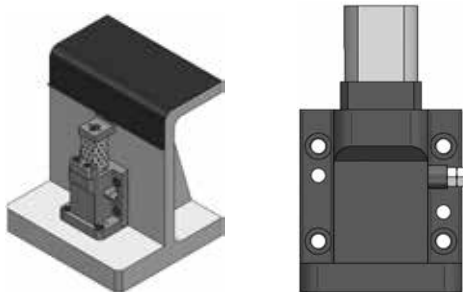
**M\_**

*SPRING PLUNGERS*



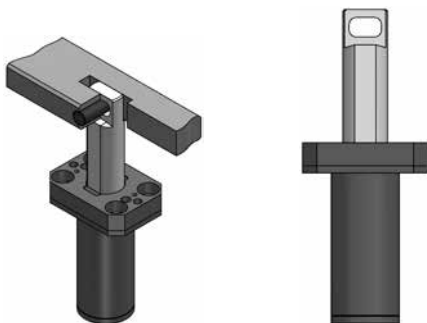
**EX\_**

*FLANGE STRIPPERS*



**EXD\_**

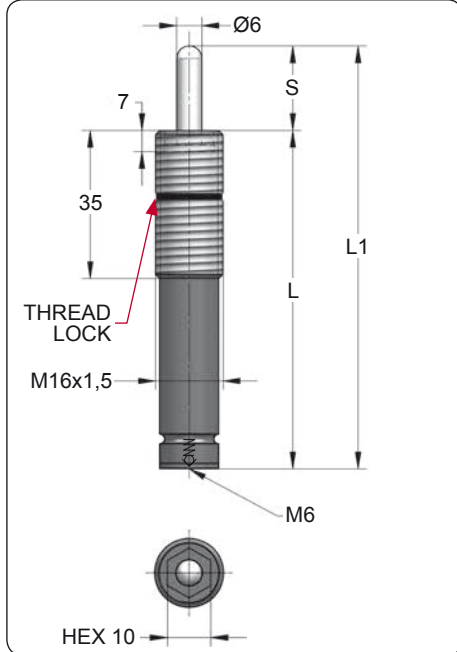
*STOCK LIFTERS*



# EFG 16

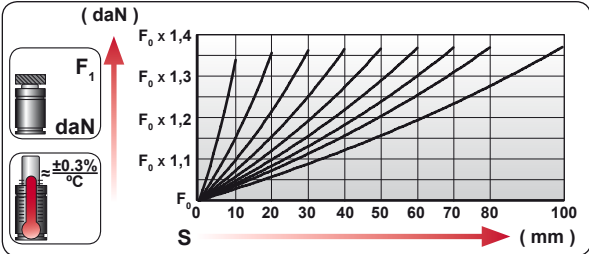
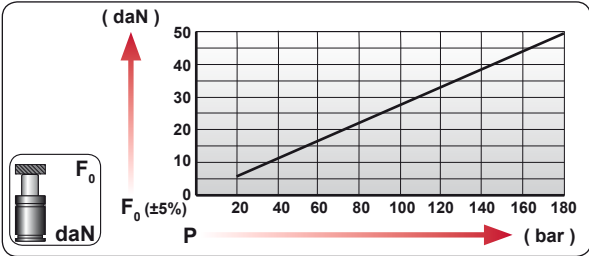
Gas Strippers

BMW B2 4036	FORD W-DX35-6030	
MB B8 0820 100 000 002	GM 90.25	
VW 39D 549		



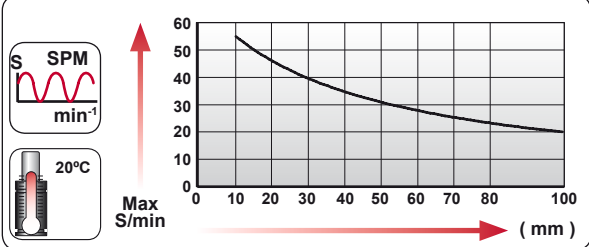
CODE	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
EFG 16 ... 010	10	80	70	0.08
EFG 16 ... 020	20	100	80	0.09
EFG 16 ... 030	30	120	90	0.09
EFG 16 ... 040	40	140	100	0.10
EFG 16 ... 050	50	160	110	0.11
EFG 16 ... 060	60	180	120	0.11
EFG 16 ... 070	70	200	130	0.12
EFG 16 ... 080	80	220	140	0.12
EFG 16 ... 100	100	260	160	0.14

CODE	COLOR	Pressure		Force	
		bar	psi	daN	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



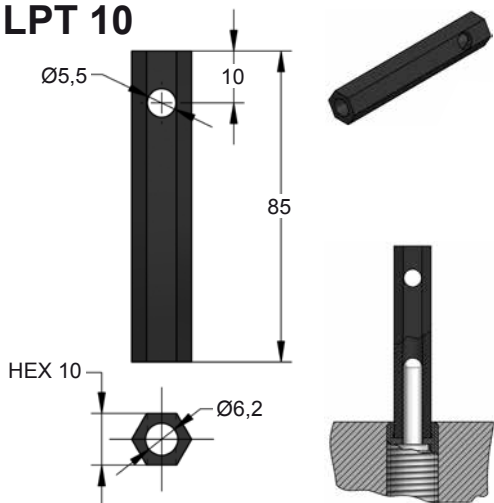
ENG ORDER  
 DEU BESTELLUNG  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO

**EFG 16 50 50**  
**EFG 16 50 050**

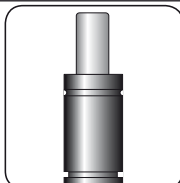
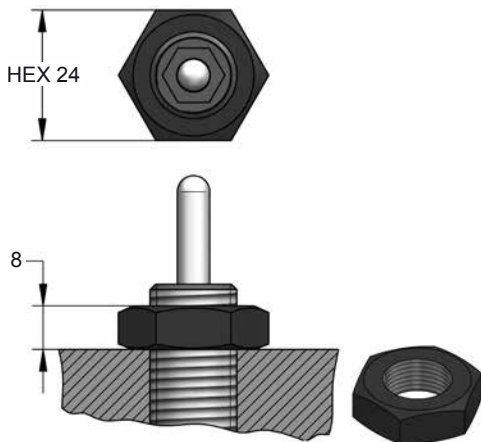


N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	<b>X</b>
			20 290	180 2610	0 32	80 176	

**LPT 10**



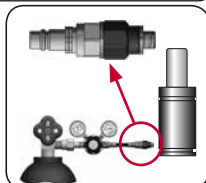
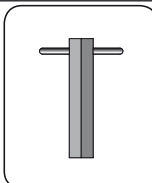
**E23-016**



**SEAL**  
**KIT S-XXXXXXX**



**CARTRIDGE**  
**KIT C-XXXXXXX**

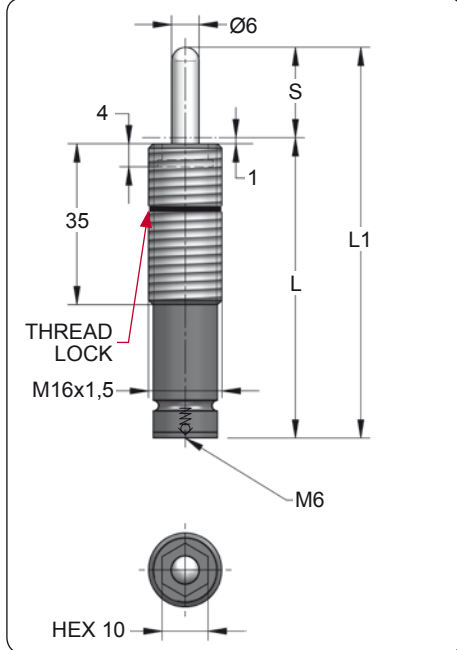


CODE	EFG 16 50 050	<b>X</b>	LPT 10	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	KEY	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	MONTAGESCHLÜSSEL	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	CLE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	CHIAVE	ADATTATORE 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

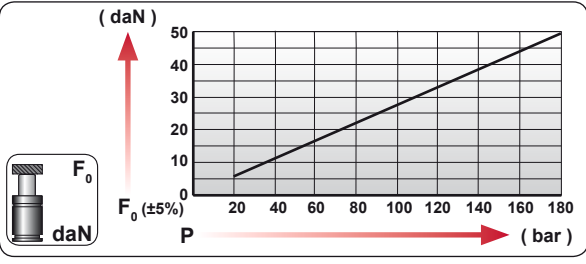
# EFGC 16

Gas Strippers

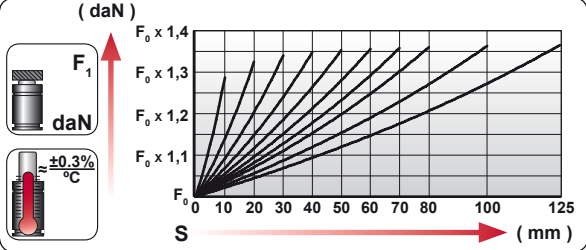
		RENAULT EM24.54.300



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



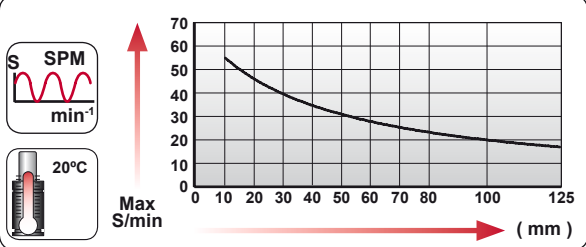
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
EFGC 16 6 050	Green	20	290	6	8
EFGC 16 11 050	Blue	40	580	11	15
EFGC 16 21 050	Red	75	1090	21	30
EFGC 16 42 050	Yellow	150	2175	42	55
EFGC 16 XX 050	Black	20-180	290-2610	6 - 50	8 - 70



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

**EFGC 16 50 50**

**EFGC 16 50 050**

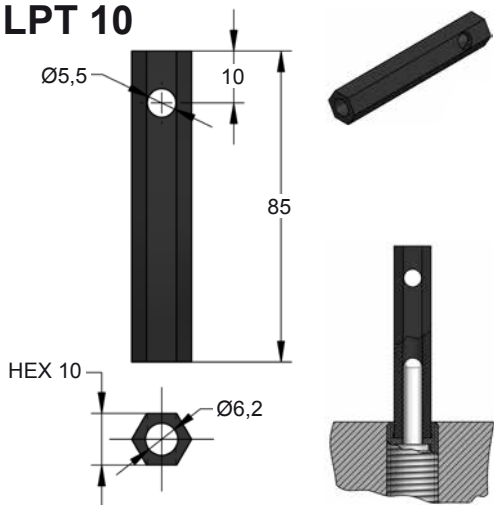


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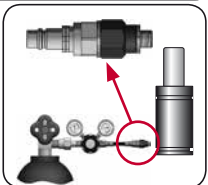
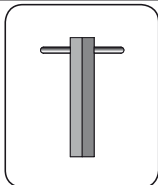
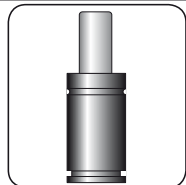
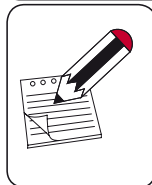
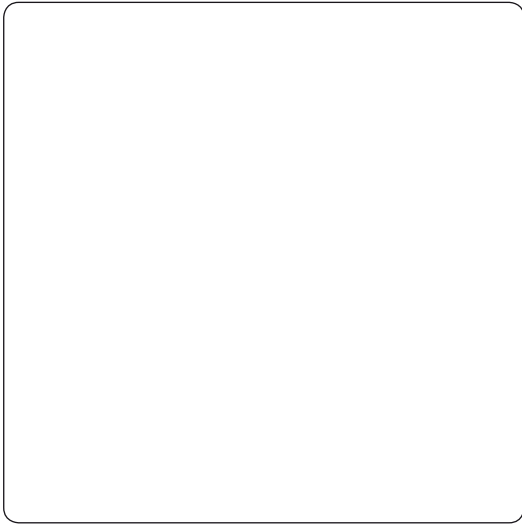
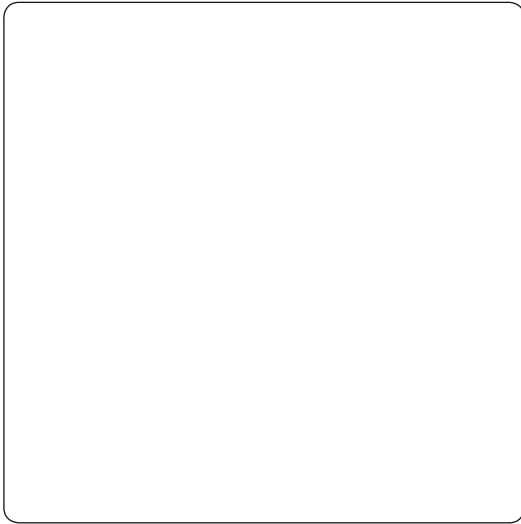
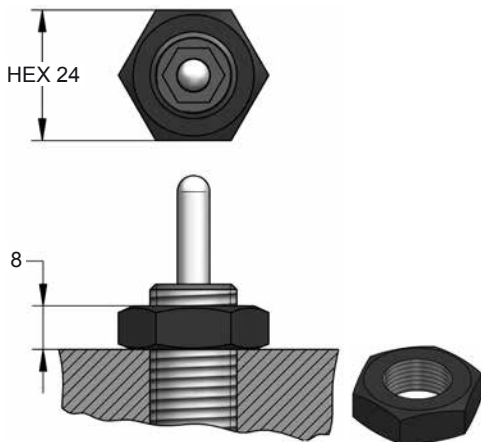
N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi 20 290	bar psi 180 2610	°C °F 0 32	°C °F 80 176	
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**LPT 10**



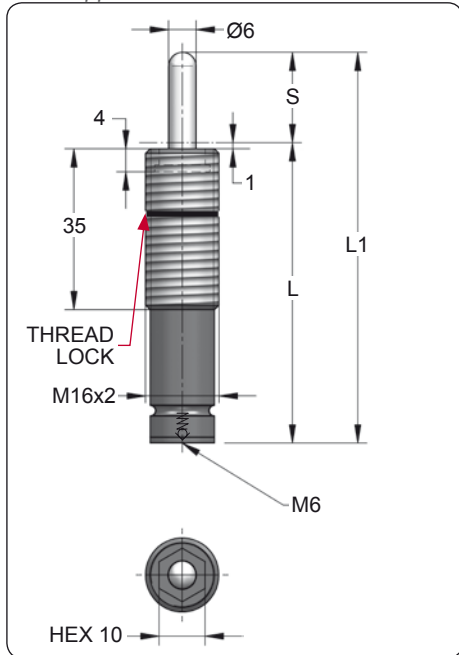
**E23-016**



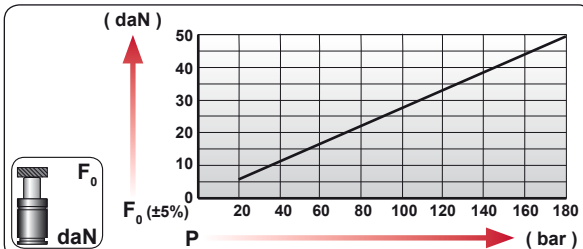
CODE	EFGC 16 50 050	<b>X</b>	LPT 10	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	KEY	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	MONTAGESCHLÜSSEL	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	CLE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	CHIAVE	ADATTATORE 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

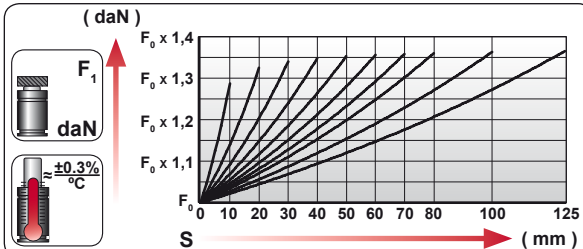
Gas Strippers



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



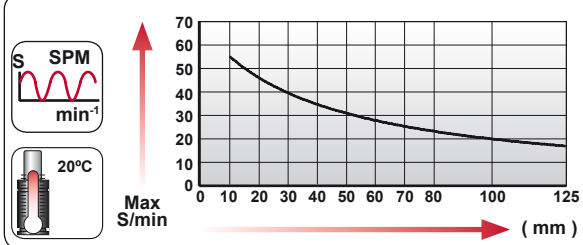
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
EFGD 16 6 050	Green	20	290	6	8
EFGD 16 11 050	Blue	40	580	11	15
EFGD 16 21 050	Red	75	1090	21	30
EFGD 16 42 050	Yellow	150	2175	42	55
EFGD 16 XX 050	Black	20-180	290-2610	6 - 50	8 - 70



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

**EFGD 16 50 50**

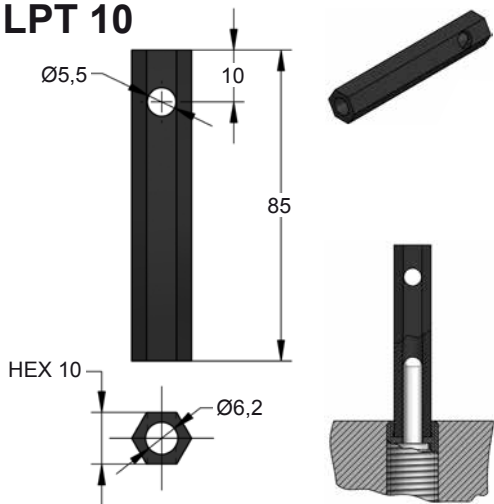
**EFGD 16 50 050**



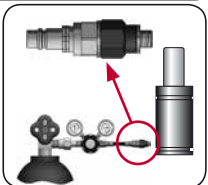
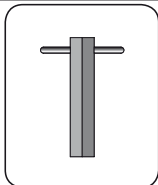
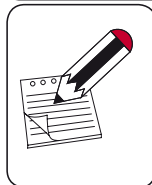
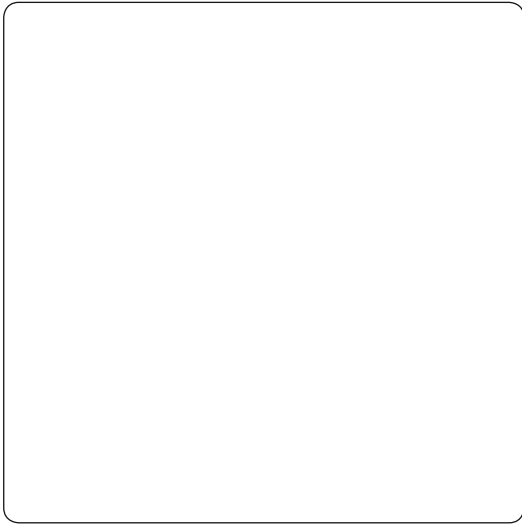
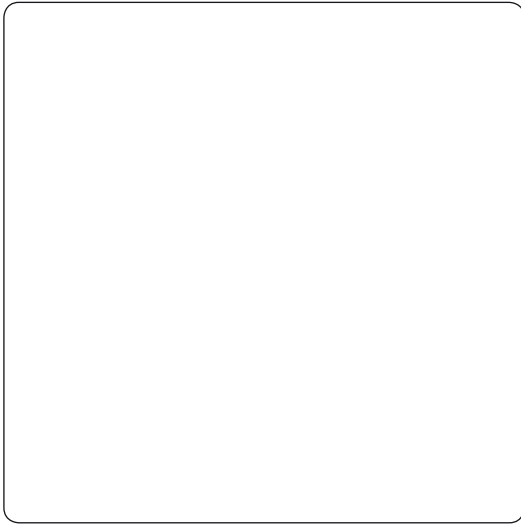
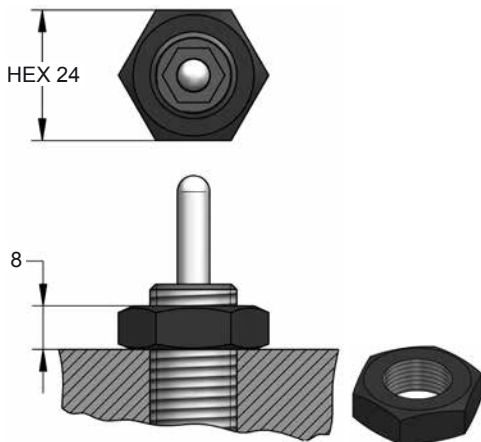
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	180	2610	0	32	80	176	

**LPT 10**



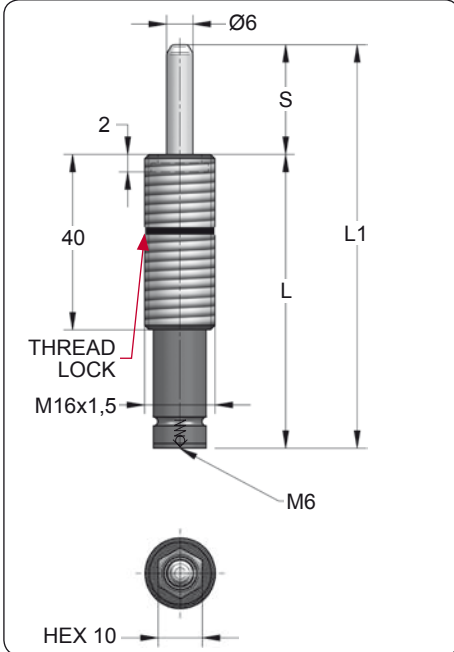
**E63-016**



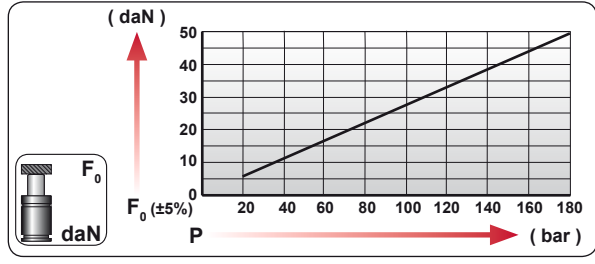
CODE	EFGD 16 50 050	<b>X</b>	LPT 10	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	KEY	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	MONTAGESCHLÜSSEL	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	CLE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	CHIAVE	ADATTATORE 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

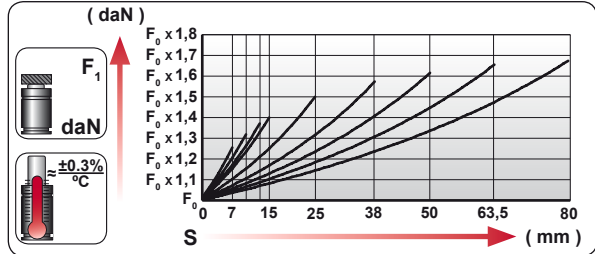
Gas Strippers



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



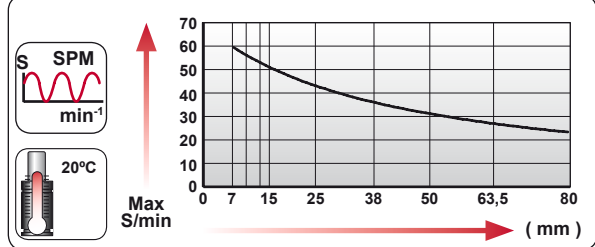
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
EFGL 16 13 050	Green	45	650	13	20
EFGL 16 25 050	Blue	90	1305	25	40
EFGL 16 38 050	Red	135	1960	38	60
EFGL 16 50 050	Yellow	180	2610	50	80
EFGL 16 XX 050	Black	20-180	290-2610	6 - 50	8 - 80



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

**EFGL 16 50 50**

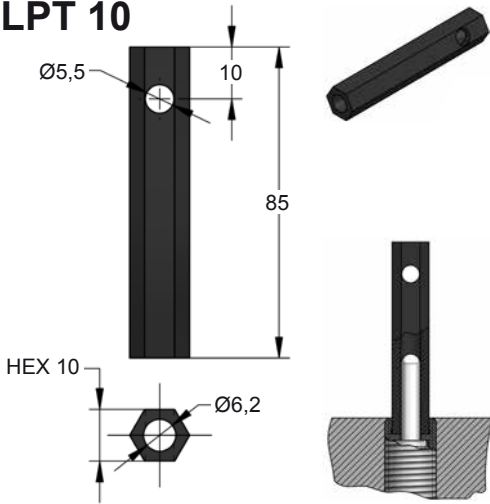
**EFGL 16 50 050**



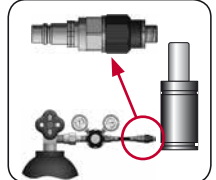
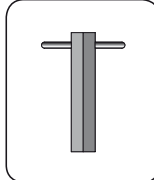
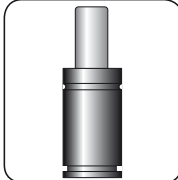
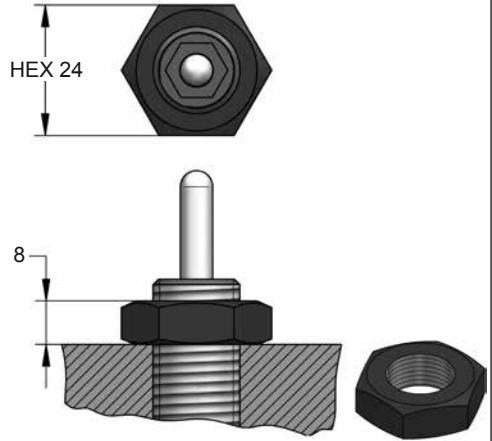
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N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	180 2610	0 32	80 176		

**LPT 10**



**E23-016**

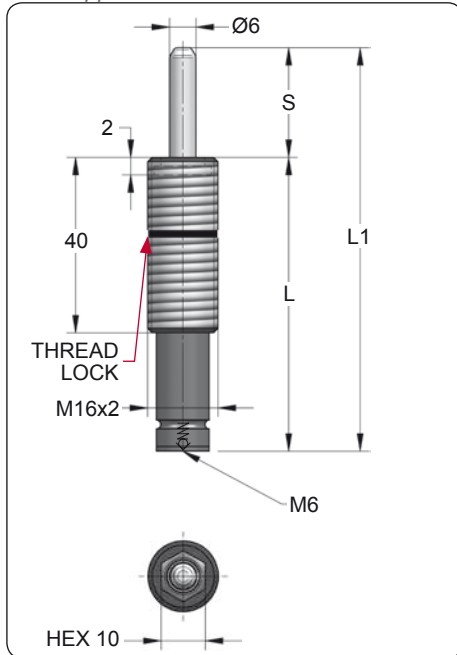


CODE	EFGL 16 50 050	<b>X</b>	LPT 10	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	KEY	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	MONTAGESCHLÜSSEL	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	CLE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	CHIAVE	ADATTATORE 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

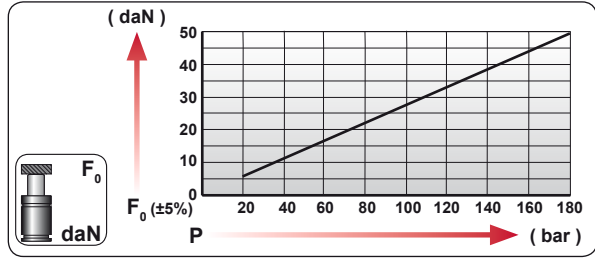
# EFGQ 16

Gas Strippers

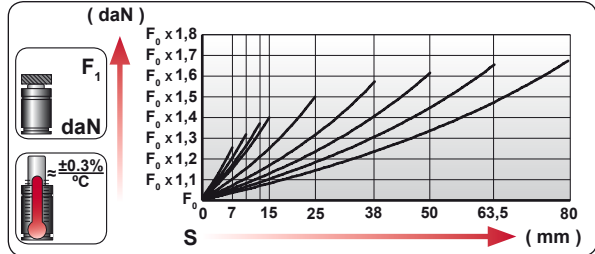
FORD W-DX35-8031	



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

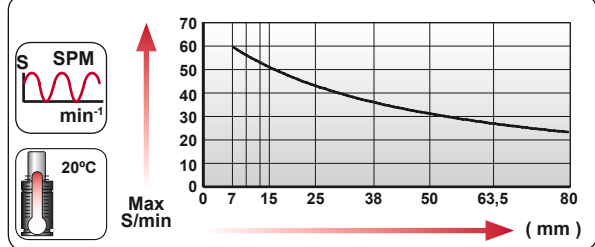


CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
EFGQ 16 13 050	Green	45	650	13	20
EFGQ 16 25 050	Blue	90	1305	25	40
EFGQ 16 38 050	Red	135	1960	38	60
EFGQ 16 50 050	Yellow	180	2610	50	80
EFGQ 16 XX 050	Black	20-180	290-2610	6 - 50	8 - 80



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

**EFGQ 16 50 50**  
**EFGQ 16 50 050**



N<sub>2</sub>

Smax < 90%

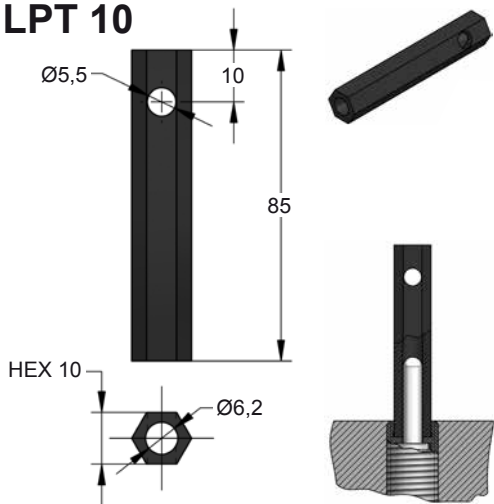
Vmax 1,6 m/s

Pmin (20°C) Pmax (20°C)

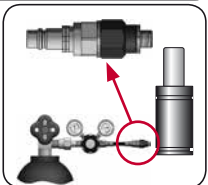
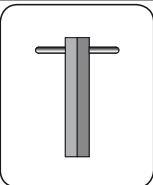
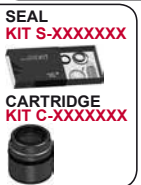
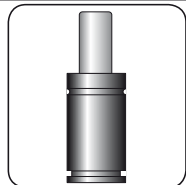
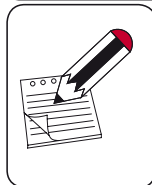
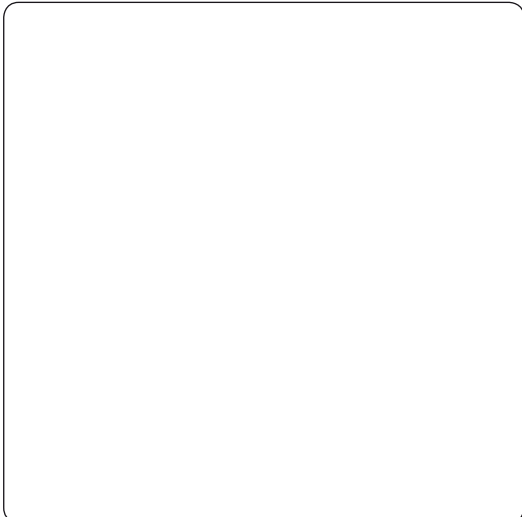
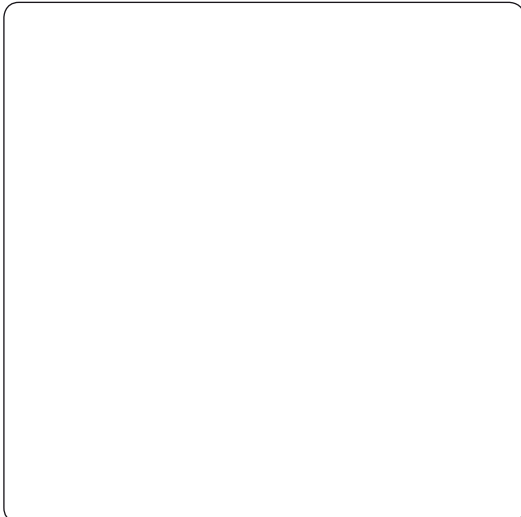
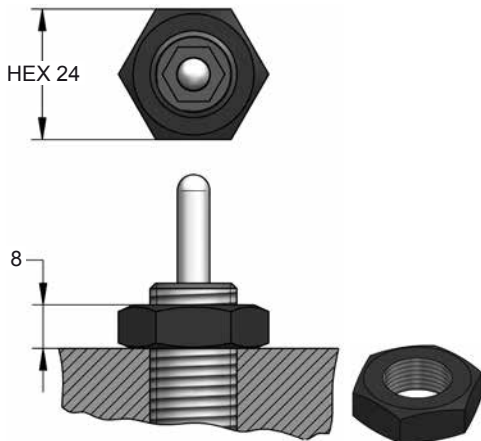
Tmin Tmax

N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	<b>X</b>
			20 290	180 2610	0 32	80 176	

**LPT 10**



**E63-016**

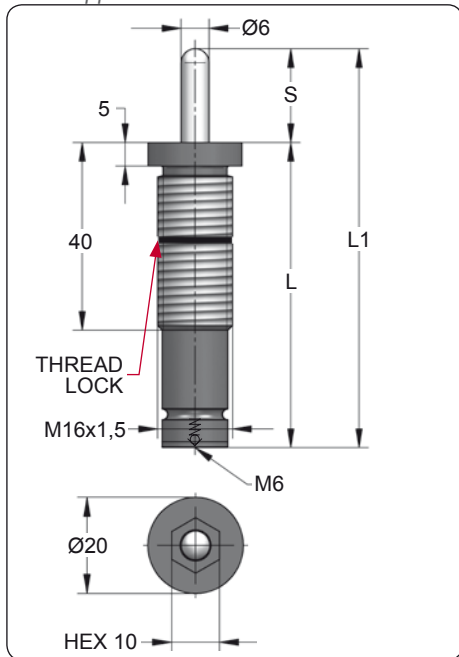


CODE	EFGQ 16 50 050	<b>X</b>	LPT 10	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	KEY	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	MONTAGESCHLÜSSEL	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	CLE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	CHIAVE	ADATTATORE 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

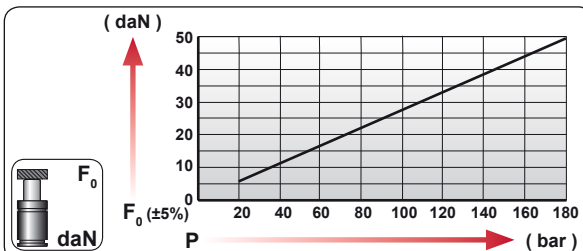
# EFT 16

Gas Strippers

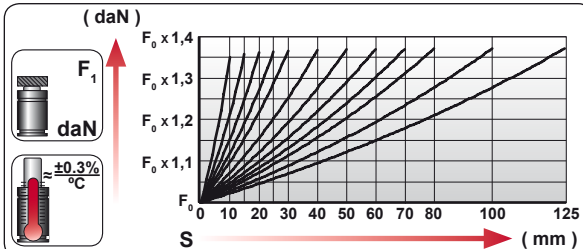
	GM	90.80
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CODE	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
EFT 16 ... 010	10	65	55	0.07
EFT 16 ... 015	15	75	60	0.07
EFT 16 ... 020	20	85	65	0.08
EFT 16 ... 025	25	95	70	0.08
EFT 16 ... 030	30	105	75	0.08
EFT 16 ... 040	40	125	85	0.09
EFT 16 ... 050	50	145	95	0.09
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



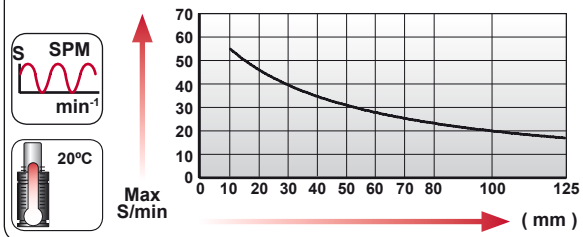
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
EFT 16 6 050	Green	20	290	6	8
EFT 16 11 050	Blue	40	580	11	15
EFT 16 21 050	Red	75	1090	21	30
EFT 16 42 050	Yellow	150	2175	42	55
EFT 16 XX 050	Black	20-180	290-2610	6 - 50	8 - 70



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

EFT 16 50 50

EFT 16 50 050

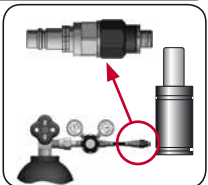
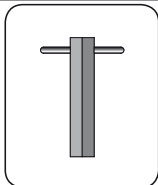
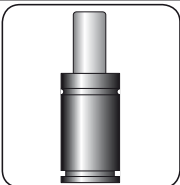
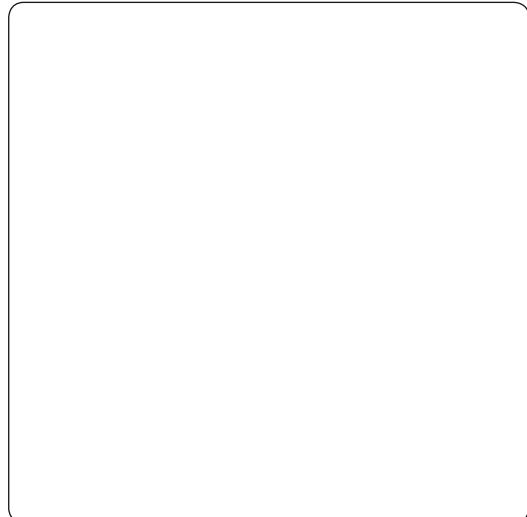
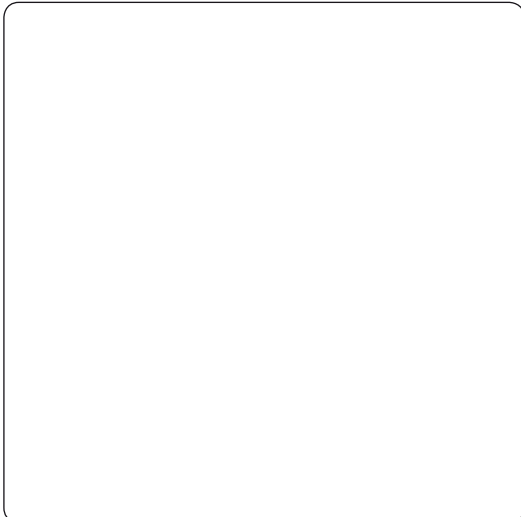
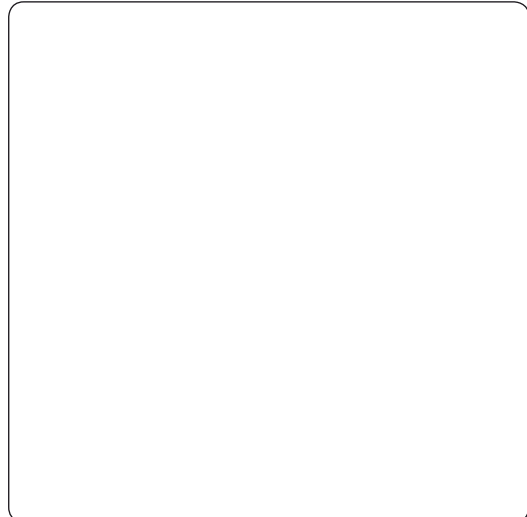
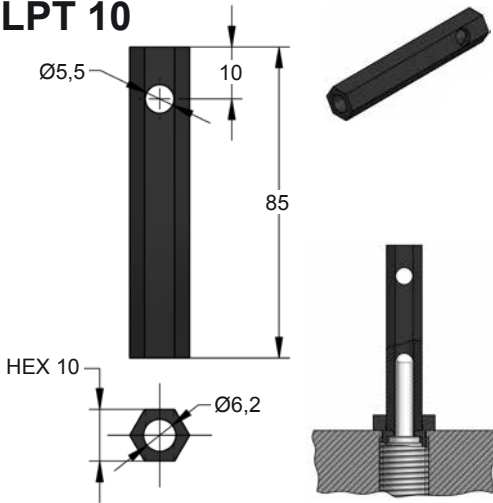


N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	180	2610	0	32	80	176	



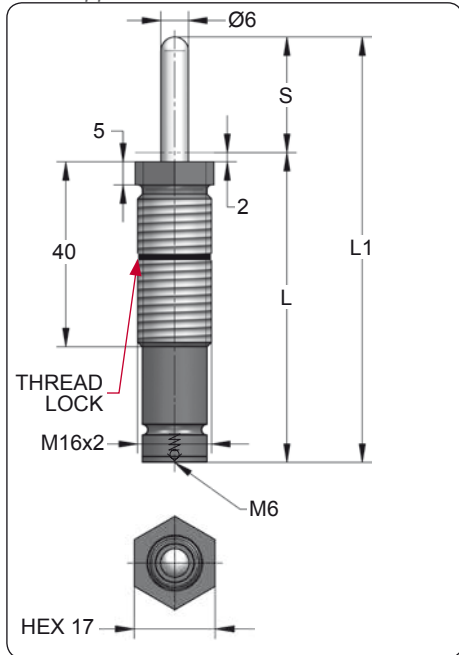
**LPT 10**



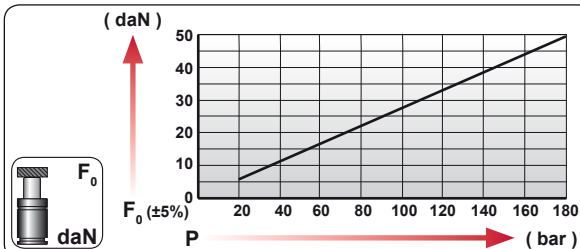
CODE	EFT 16 50 050	<b>X</b>	LPT 10	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	KEY	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	MONTAGESCHLÜSSEL	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	CLE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	CHIAVE	ADATTATORE DI CARICO
ESP PEDIDO	RESORTE DE GAS	KIT DE REPARACION	LLAVE	ADAPTADOR DE CARGA
POR PEDIDO	CILINDRO DE GAS	KIT DE MANUTENÇÃO	CHAVE	ADAPTADOR DE CARGA

# EFV 16

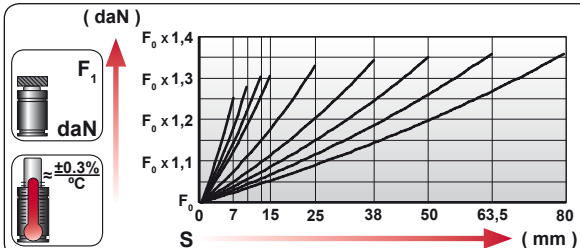
Gas Strippers



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



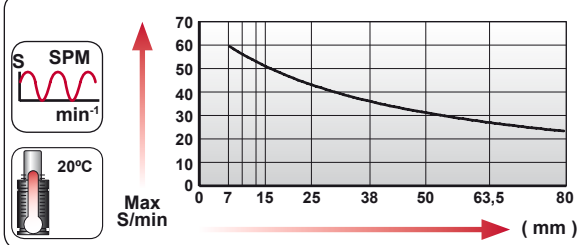
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
EFV 16 13 050	Green	45	650	13	20
EFV 16 25 050	Blue	90	1305	25	40
EFV 16 38 050	Red	135	1960	38	60
EFV 16 50 050	Yellow	180	2610	50	80
EFV 16 XX 050	Black	20-180	290-2610	6 - 50	8 - 80



**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<sub>2</sub>**

**S<sub>max</sub> < 90%**

**V<sub>max</sub> 1,6 m/s**

**P<sub>min</sub> (20°C)**  
**P<sub>max</sub> (20°C)**

**T<sub>min</sub>**  
**T<sub>max</sub>**

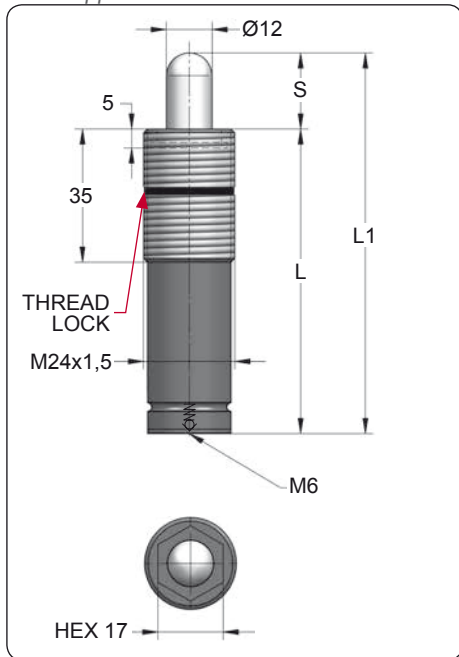
<b>N<sub>2</sub></b>	<b>S<sub>max</sub> &lt; 90%</b>	<b>V<sub>max</sub> 1,6 m/s</b>	bar psi	bar psi	°C °F	°C °F	<b>X</b>
			20 290	180 2610	0 32	80 176	



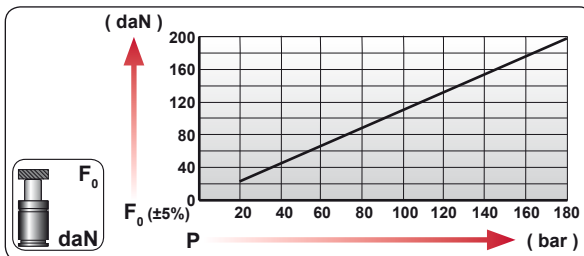
# EFG 24

Gas Strippers

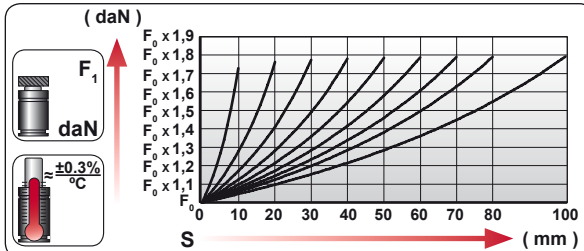
	FORD W-DX35-6030	
MB B8 0820 100 000 002	GM 90.25	
VW 39D 549		



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



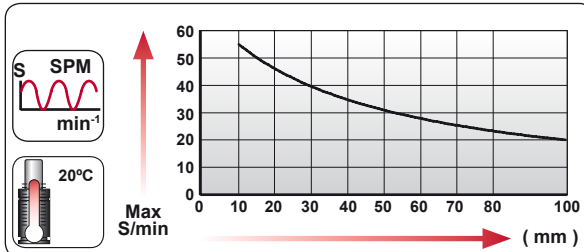
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
EFG 24 23 050	Green	20	290	23	40
EFG 24 45 050	Blue	40	580	45	80
EFG 24 85 050	Red	75	1090	85	150
EFG 24 170 050	Yellow	150	2175	170	300
EFG 24 XXX 050	Black	20-180	290-2610	23 - 200	40 - 355



	ENG ORDER		
	DEU BESTELLUNG	daN	mm
	FRA COMMANDE		
	ITA ORDINE		
	ESP PEDIDO		
POR PEDIDO			

**EFG 24 200 50**

**EFG 24 200 050**



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

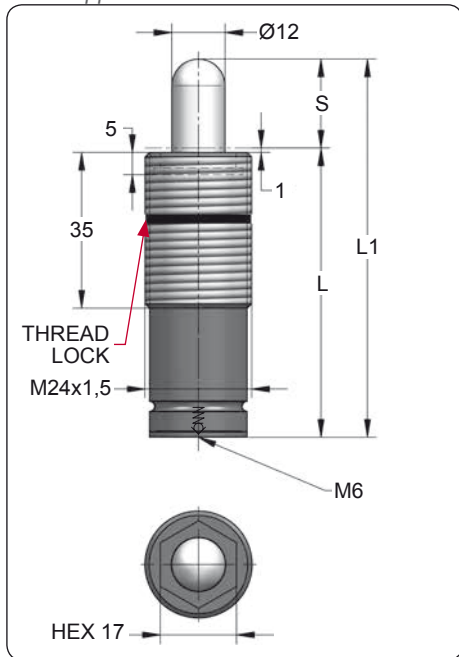
bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	180	2610	0	32	80	176	



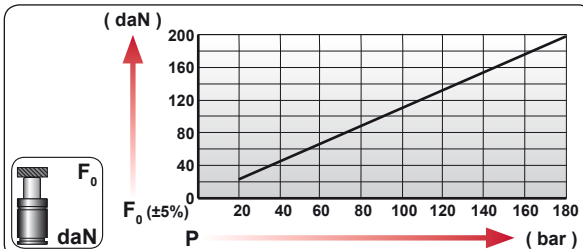
# EFGC 24

Gas Strippers

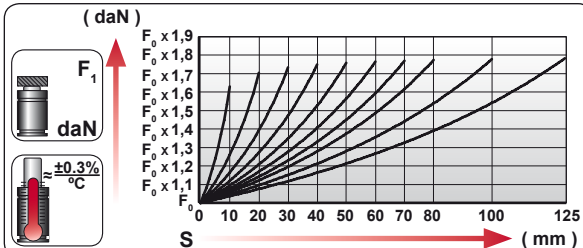


CODE	S (mm)	L1 ±0,25 (mm)	L (mm)	Kg.
EFGC 24 ... 010	10	65	55	0.15
EFGC 24 ... 020	20	85	65	0.17
EFGC 24 ... 030	30	105	75	0.18
EFGC 24 ... 040	40	125	85	0.20
EFGC 24 ... 050	50	145	95	0.22
EFGC 24 ... 060	60	165	105	0.24
EFGC 24 ... 070	70	185	115	0.26
EFGC 24 ... 080	80	205	125	0.28
EFGC 24 ... 100	100	245	145	0.32
EFGC 24 ... 125	125	295	170	0.36



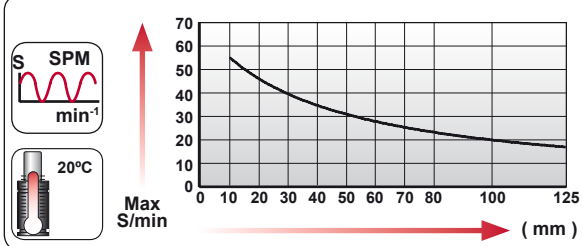
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
EFGC 24 23 050	Green	20	290	23	40
EFGC 24 45 050	Blue	40	580	45	80
EFGC 24 85 050	Red	75	1090	85	150
EFGC 24 170 050	Yellow	150	2175	170	300
EFGC 24 XXX 050	Black	20-180	290-2610	23 - 200	40 - 350



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

**EFGC 24 200 50**

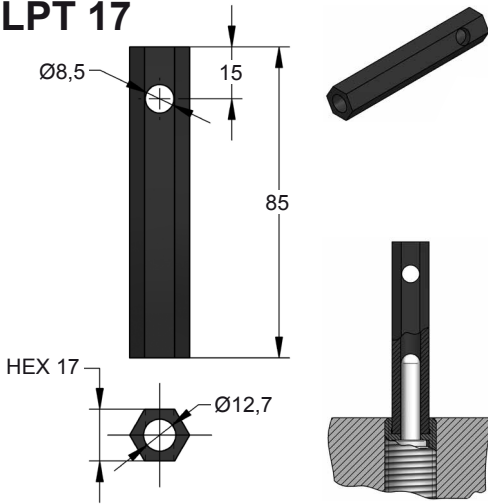
**EFGC 24 200 050**



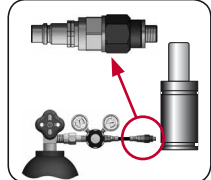
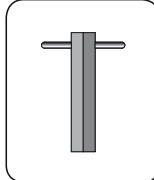
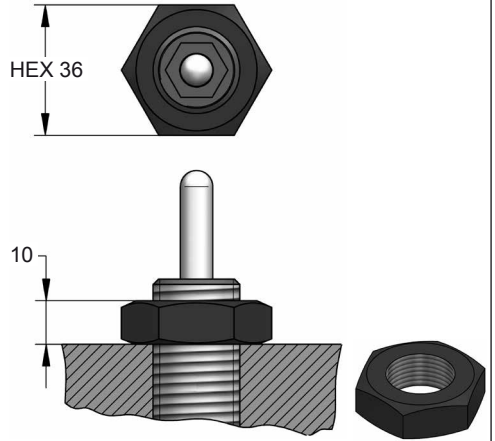
--	--	--	--	--	--	--	--

N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi	bar psi	°C °F	°C °F	✗
			20 290	180 2610	0 32	80 176	

**LPT 17**



**E23-024**

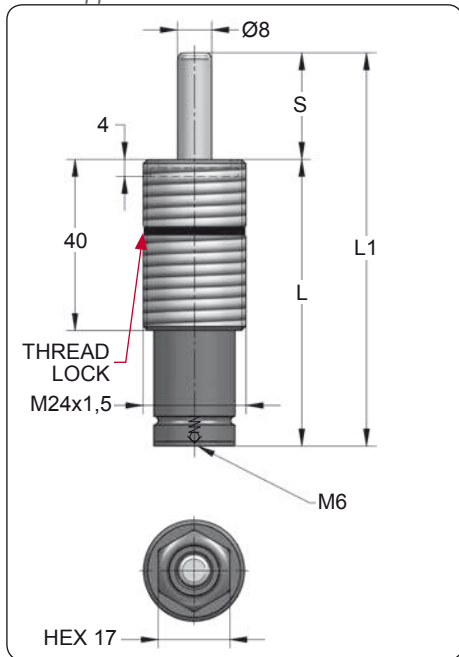


CODE	EFGC 24 200 050	<b>X</b>	LPT 17	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	KEY	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	MONTAGESCHLÜSSEL	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	CLE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	CHIAVE	ADATTATORE 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

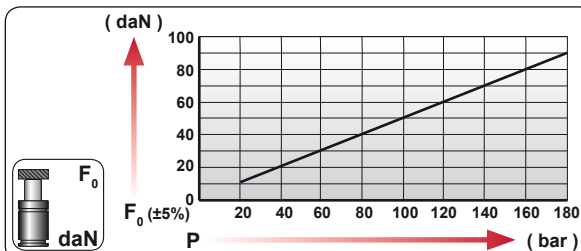
# EFGL 24

Gas Strippers

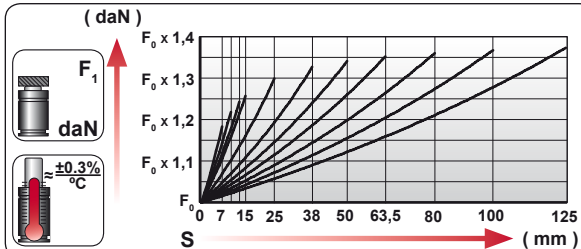
FORD W-DX35-8018



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



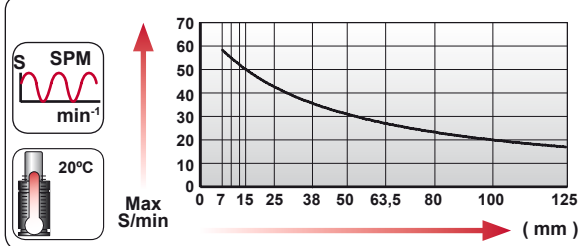
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
EFGL 24 30 050	Green	60	870	30	40
EFGL 24 50 050	Blue	100	1450	50	65
EFGL 24 70 050	Red	140	2030	70	95
EFGL 24 90 050	Yellow	180	2610	90	120
EFGL 24 XX 050	Black	20-180	290-2610	10 - 90	13 - 120



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

**EFGL 24 90 50**

**EFGL 24 90 050**

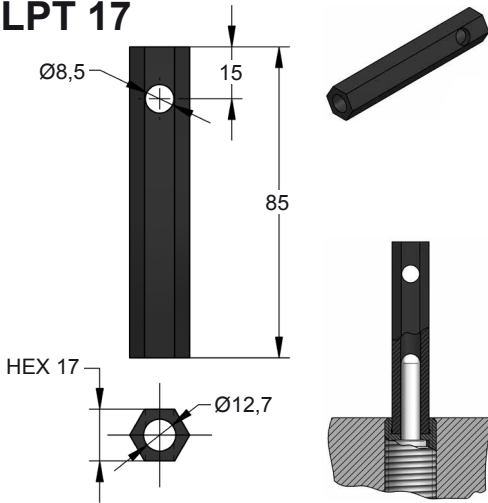


N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

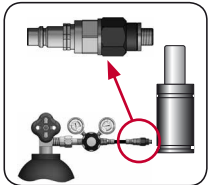
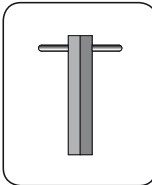
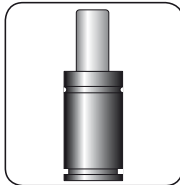
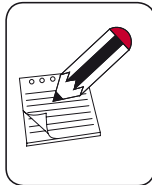
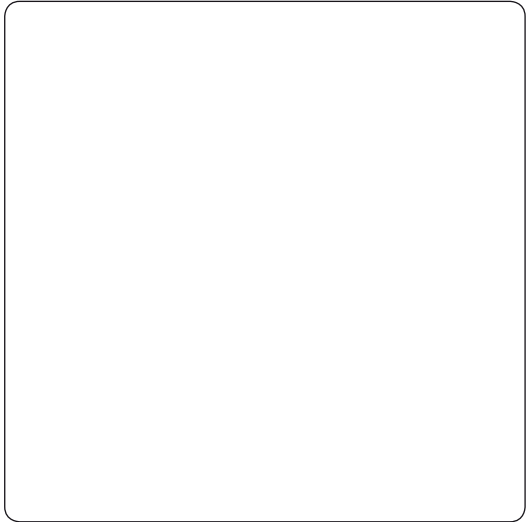
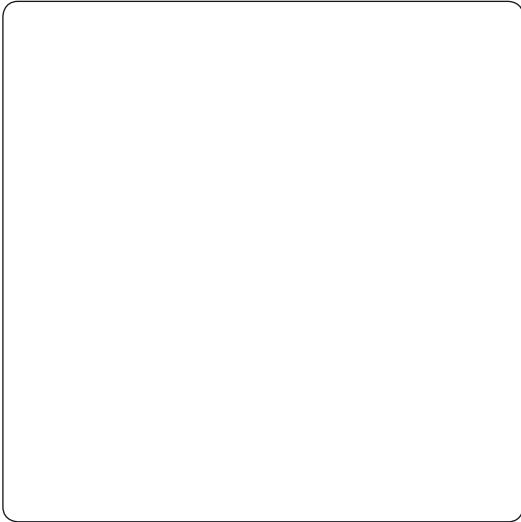
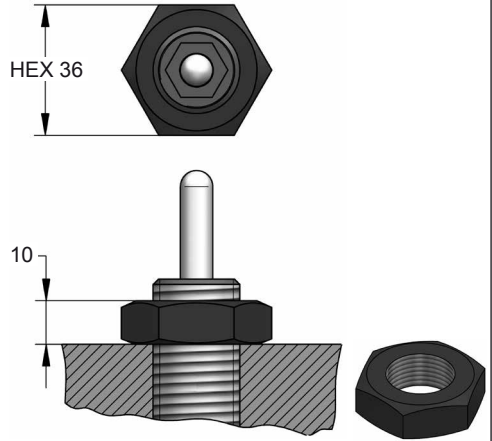
bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	180	2610	0	32	80	176	



**LPT 17**



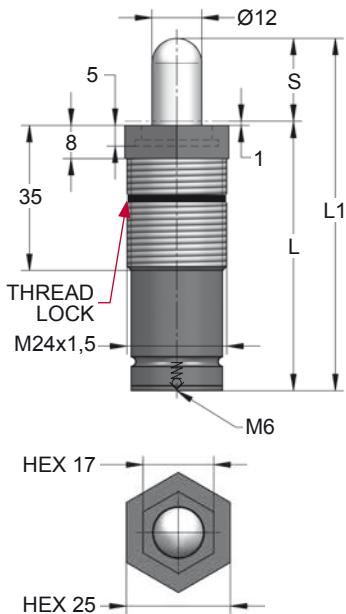
**E23-024**



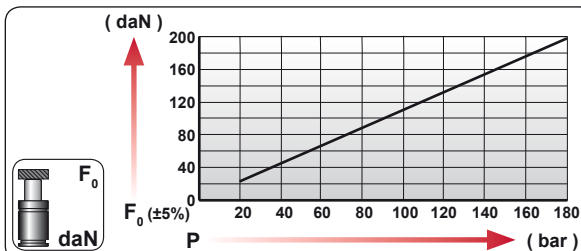
CODE	EFGL 24 90 050	<b>X</b>	LPT 17	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	KEY	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	MONTAGESCHLÜSSEL	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	CLE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	CHIAVE	ADATTATORE 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

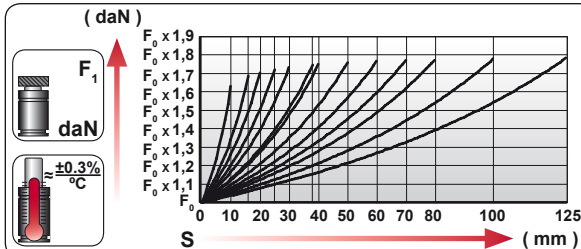
Gas Strippers



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



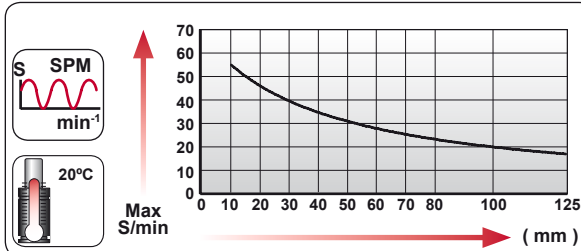
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
EFK 24 23 050	Green	20	290	23	40
EFK 24 45 050	Blue	40	580	45	80
EFK 24 85 050	Red	75	1090	85	150
EFK 24 170 050	Yellow	150	2175	170	300
EFK 24 XXX 050	Black	20-180	290-2610	23 - 200	40 - 355



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

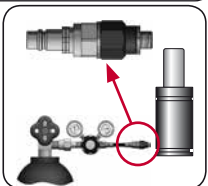
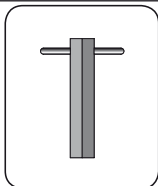
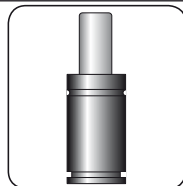
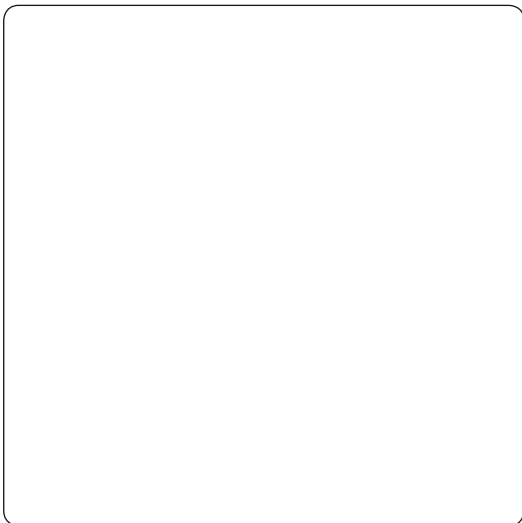
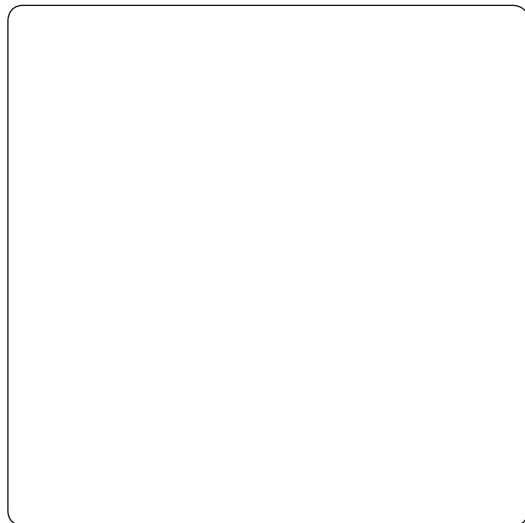
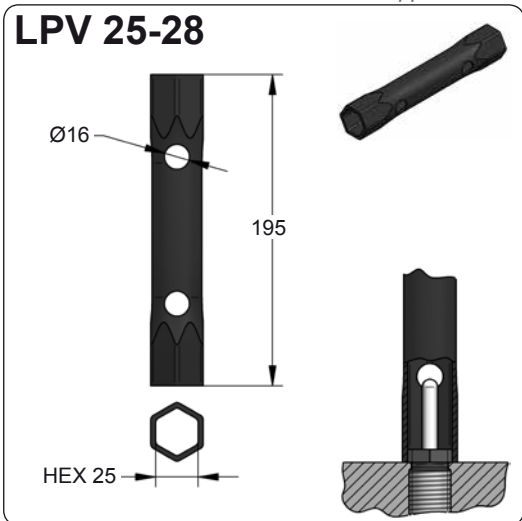
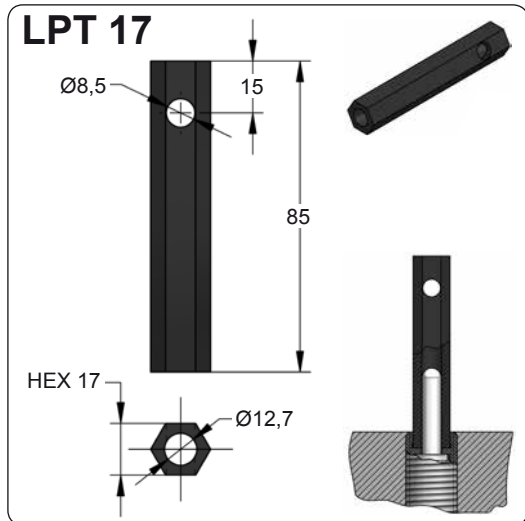
**EFK 24 200 50**

**EFK 24 200 050**



N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

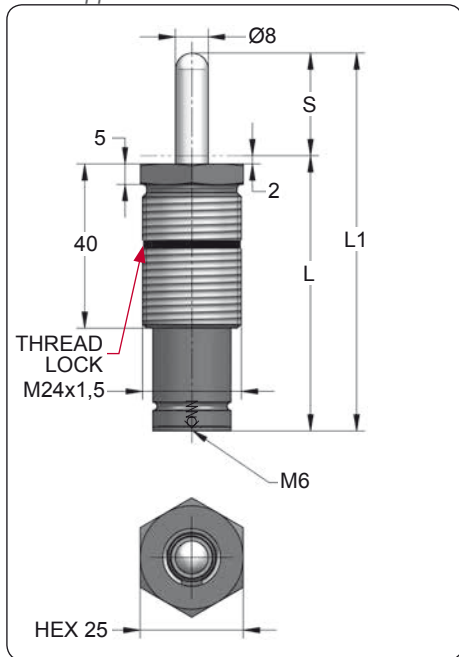
bar	psi	bar	psi	°C	°F	°C	°F	<b>X</b>
20	290	180	2610	0	32	80	176	



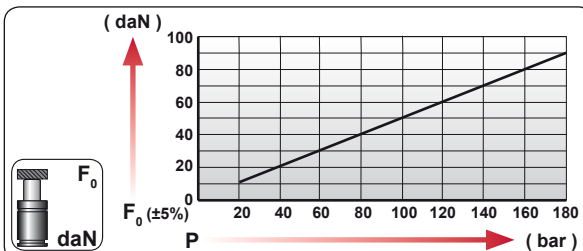
CODE	EFK 24 200 050	<b>X</b>	LPT 17	06 CG 2-Q
ENG ORDER	GAS SPRING	REPAIR KIT	KEY	CHARGING ADAPTER
DEU BESTELLUNG	GASDRUCKFEDER	ERSATZTEILSATZ	MONTAGESCHLÜSSEL	LADEADAPTER
FRA COMMANDE	RESSORT À GAZ	KIT DE RÉPARATION	CLE	RACCORD DE CHARGE
ITA ORDINE	CILINDRO AD AZOTO	KIT DI MANUTENZIONE	CHIAVE	ADATTATORE 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

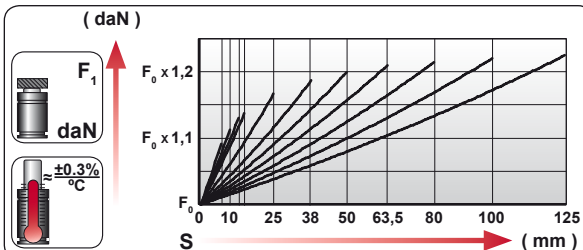
Gas Strippers



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



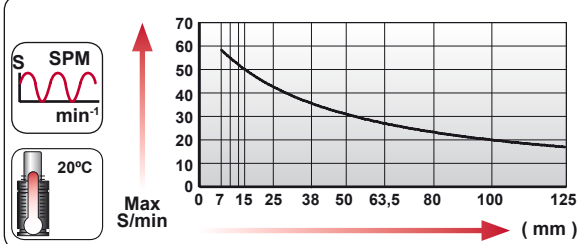
CODE	COLOR	Pressure		Force	
		bar	psi	daN	daN
EFV 24 30 050	Green	60	870	30	40
EFV 24 50 050	Blue	100	1450	50	65
EFV 24 70 050	Red	140	2030	70	95
EFV 24 90 050	Yellow	180	2610	90	120
EFV 24 XX 050	Black	20-180	290-2610	10 - 90	13 - 120



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

**EFV 24 90 50**

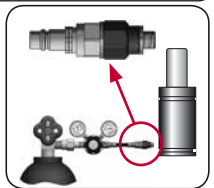
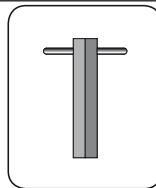
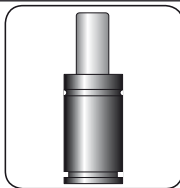
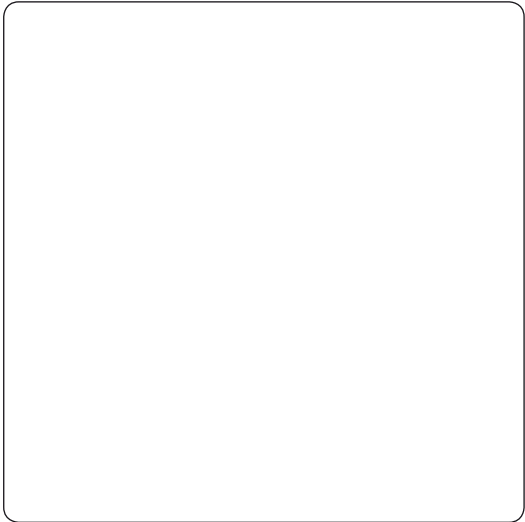
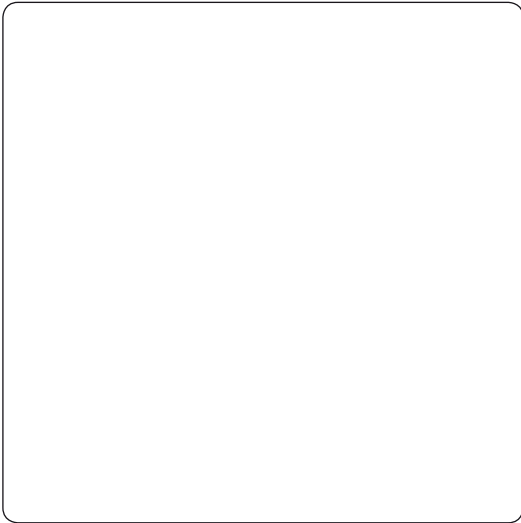
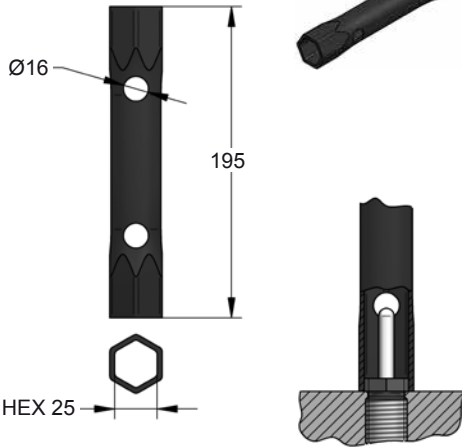
**EFV 24 90 050**



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N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 1,6 m/s	bar psi	bar psi	°C °F	°C °F	°C °F	
			20 290	180 2610	0 32	80 176		

**LPV 25-28**



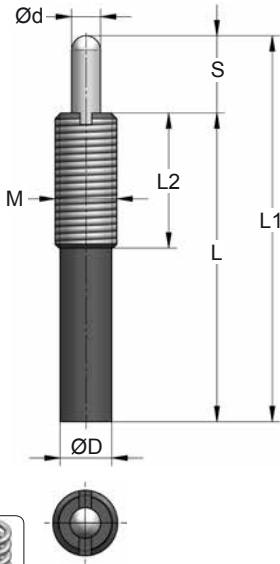
CODE	EFV 24 90 050	<b>X</b>	LPV 25-28	06 CG 2-Q
ENG	ORDER		KEY	CHARGING ADAPTER
DEU	BESTELLUNG		MONTAGESCHLÜSSEL	LADHEADAPTER
FRA	COMMANDE		CLE	RACCORD DE CHARGE
ITA	ORDINE		CHIAVE	ADATTATORE DI CARICO
ESP	PEDIDO		LLAVE	ADAPTADOR DE CARGA
POR	PEDIDO		CHAVE	ADAPTADOR DE CARGA

# MBR

Spring Plungers



## MBR



ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	ØD (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (N)	Key
<b>MBR 16 020</b>	M16	20	100	80	35	13.4	7.5	35	174	LP 16
<b>MBR 16 030</b>	M16	30	150	120	35	13.4	7.5	20	80	LP 16
<b>MBR 16 040</b>	M16	40	190	150	35	13.4	7.5	55	158	LP 16
<b>MBR 16 050</b>	M16	50	250	200	35	13.4	7.5	35	105	LP 16

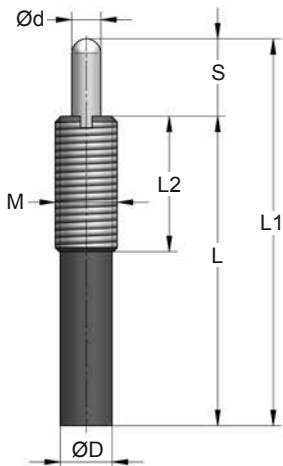
ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO

**MBR M16 50**

**MBR 16 050**

LP 16

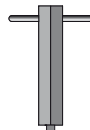
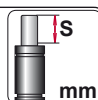
**MBN**



ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	ØD (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (N)	Key
<b>MBN 16 010</b>	M16	11	91	80	35	13.4	7.3	17	75	LPS 16
<b>MBN 16 020</b>	M16	21	141	120	35	13.4	7.3	21	80	LPS 16
<b>MBN 16 030</b>	M16	31	181	150	35	13.4	7.3	21	90	LPS 16
<b>MBN 16 040</b>	M16	41	241	200	35	13.4	7.3	16	80	LPS 16
<b>MBN 22 020</b>	M22	21	151	130	50	19	9	80	215	LPS 22
<b>MBN 22 030</b>	M22	31	199	168	50	19	9	70	210	LPS 22
<b>MBN 22 040</b>	M22	41	267	226	50	19	9	75	210	LPS 22

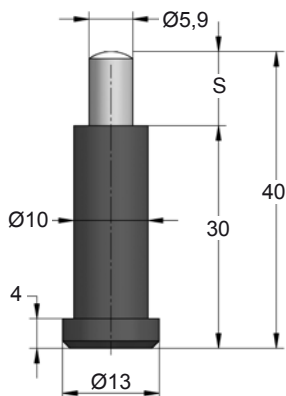


ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO



**LPS \_ \_**

**MBP**



ORDER	S (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (N)
<b>MBP 10</b>	10	42	110



ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO

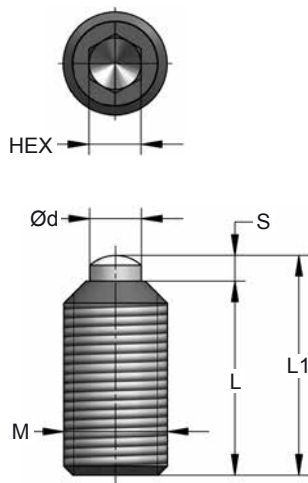


# MBSD / MBSL

Spring Plungers



## MBSD



ORDER	M	S (mm)	L1 (mm)	L (mm)	Ød (mm)	HEX (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (N)	Allen Key
<b>MBSD 5 001</b>	M5	1.5	13.5	12	2.5	2.5	5	15	2.5
<b>MBSD 6 001</b>	M6	1.5	14.5	13	3	3	6	20	3
<b>MBSD 8 002</b>	M8	2	17	15	4	4	6	20	4
<b>MBSD 10 002</b>	M10	2.5	18.5	16	5	5	10	30	5
<b>MBSD 12 003</b>	M12	3.5	23.5	20	6	6	10	30	6
<b>MBSD 16 004</b>	M16	4.5	26.5	22	8	8	20	60	8



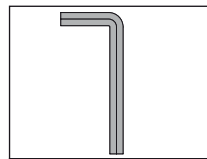
ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO



**MBSD M16**

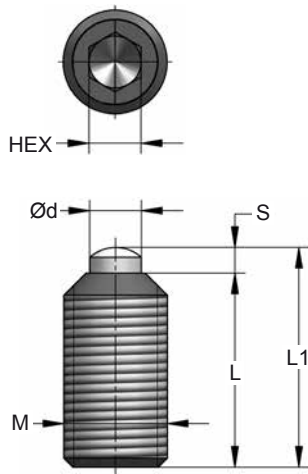
**4**

**MBSD 16 004**



**ALLEN \_ \_**

## MBSL



ORDER	M	S (mm)	L1 (mm)	L (mm)	Ød (mm)	HEX (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (N)	Allen Key
<b>MBSL 5 001</b>	M5	1.5	13.5	12	2.5	2.5	2	8	2.5
<b>MBSL 6 001</b>	M6	1.5	14.5	13	3	3	3	10	3
<b>MBSL 8 002</b>	M8	2	17	15	4	4	3	10	4
<b>MBSL 10 002</b>	M10	2.5	18.5	16	5	5	5	15	5
<b>MBSL 12 003</b>	M12	3.5	23.5	20	6	6	5	15	6
<b>MBSL 16 004</b>	M16	4.5	26.5	22	8	8	10	30	8



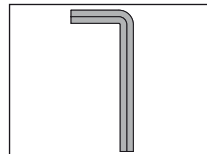
ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO



**MBSL M16**

**4**

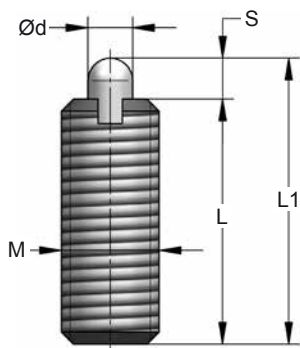
**MBSL 16 004**



**ALLEN \_ \_**



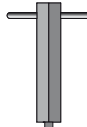
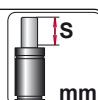
**MBT**



ORDER	M	S (mm)	L1 (mm)	L (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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



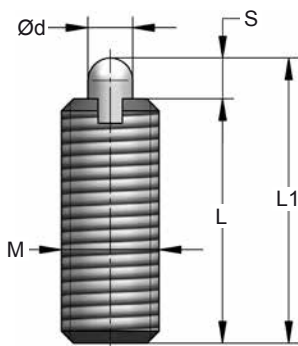
ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO



MBT M24 10  
MBT 24 010

LPD -- LPS 24

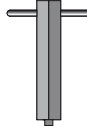
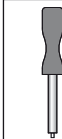
**MBTH**



ORDER	M	S (mm)	L1 (mm)	L (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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

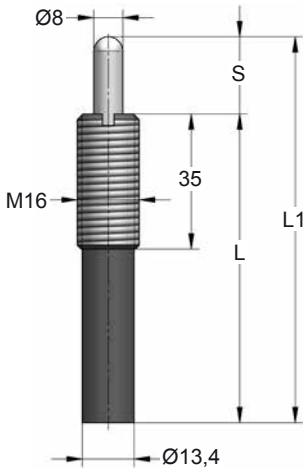


MBTH M24 10  
MBTH 24 010

LPD -- LPS 24

**MBZ / MBX**

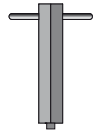
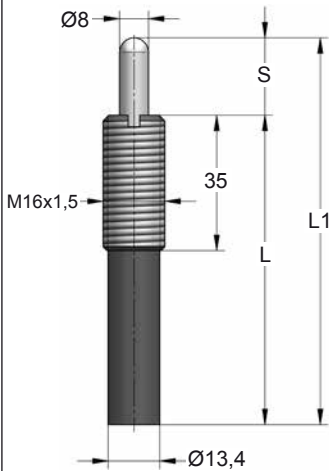
Spring Plungers

**AZOL  
GAS** **MBZ**

ORDER	S (mm)	L1 (mm)	L (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (N)	Key
<b>MBZ 16 020</b>	20	100	80	24	186	LP 16
<b>MBZ 16 030</b>	30	110	80	4	47	LP 16
<b>MBZ 16 040</b>	40	190	150	59	177	LP 16
<b>MBZ 16 050</b>	50	200	150	13	47	LP 16
<b>MBZ 16 060</b>	60	210	150	11	45	LP 16
<b>MBZ 16 070</b>	70	270	200	5	40	LP 16
<b>MBZ 16 080</b>	80	280	200	2	38	LP 16



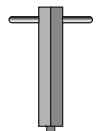
ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO

**MBZ M16 80****MBZ 16 080****LP 16****MBX**

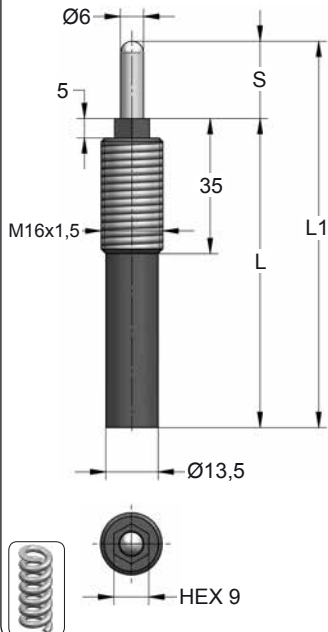
ORDER	S (mm)	L1 (mm)	L (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (N)	Key
<b>MBX 16 020</b>	20	100	80	24	186	LP 16
<b>MBX 16 030</b>	30	110	80	4	47	LP 16
<b>MBX 16 040</b>	40	190	150	59	177	LP 16
<b>MBX 16 050</b>	50	200	150	13	47	LP 16
<b>MBX 16 060</b>	60	210	150	11	45	LP 16
<b>MBX 16 070</b>	70	270	200	5	40	LP 16
<b>MBX 16 080</b>	80	280	200	2	38	LP 16



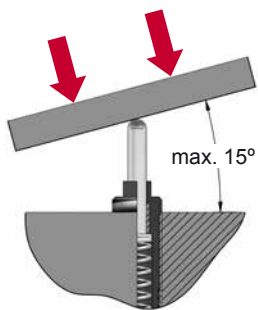
ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO

**MBX M16 80****MBX 16 080****LP 16**

**MBFP**



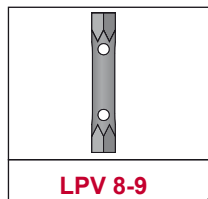
ORDER	S (mm)	L1 (mm)	L (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (N)	Key
<b>MBFP 16 020</b>	20	100	80	35	89	LPV 8-9
<b>MBFP 16 030</b>	30	120	90	2	27	LPV 8-9
<b>MBFP 16 050</b>	50	200	150	9	34	LPV 8-9



	ENG ORDER	M	S mm
	DEU BESTELL		
	FRA COMMANDE		
	ITA ORDINE		
	ESP PEDIDO		
POR PEDIDO			

**MBFP M16 20**

**MBFP 16 020**

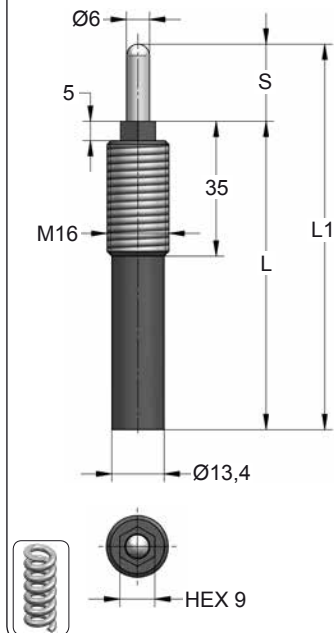


# MBHC / MBHF

Spring Plungers

**AZOL  
GAS**

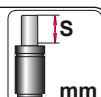
## MBHC



ORDER	S (mm)	L1 (mm)	L (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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

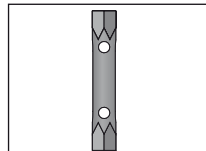


ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO



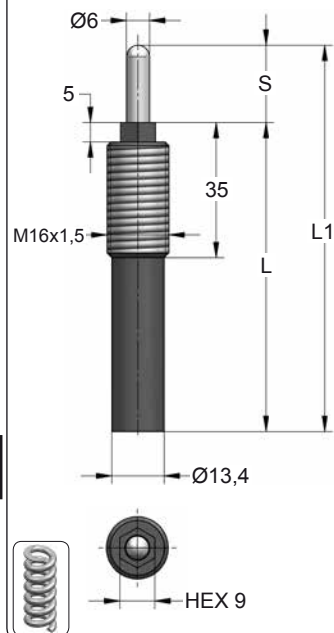
MBHC M16 80

MBHC 16 080



LPV 8-9

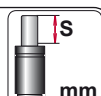
## MBHF



ORDER	S (mm)	L1 (mm)	L (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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

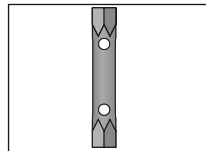


ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO



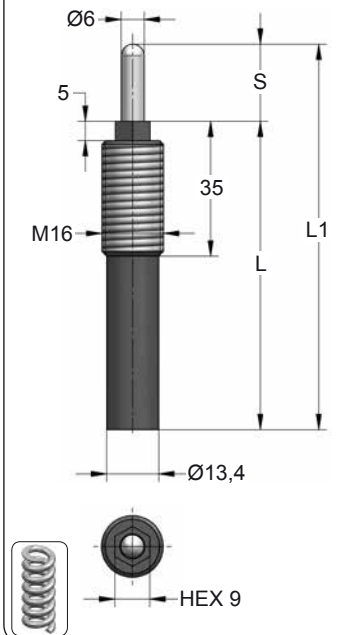
MBHF M16 80

MBHF 16 080



LPV 8-9

**MBHG**



ORDER	S (mm)	L1 (mm)	L (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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

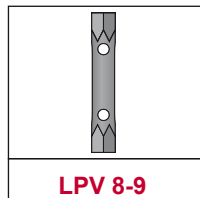
ENG ORDER  
 DEU BESTELL  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO

M

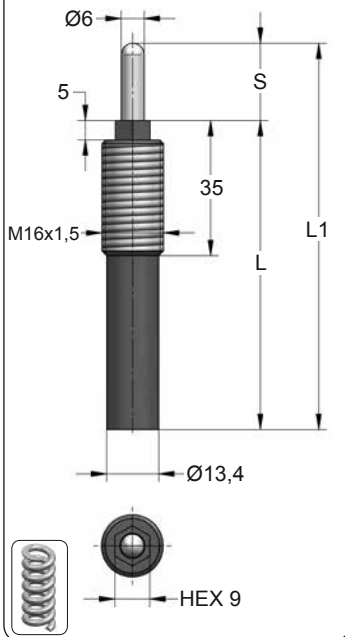
S mm

**MBHG M16 80**

**MBHG 16 080**



**MBHS**



ORDER	S (mm)	L1 (mm)	L (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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

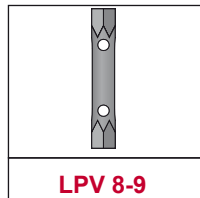
ENG ORDER  
 DEU BESTELL  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO

M

S mm

**MBHS M16 80**

**MBHS 16 080**

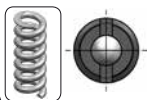
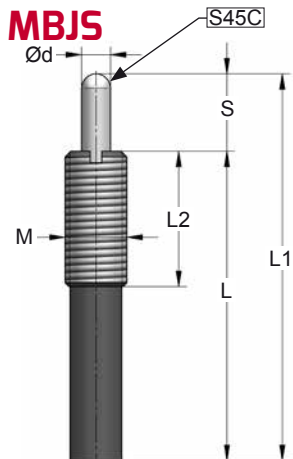


# MBJS / MBJX

Spring Plungers

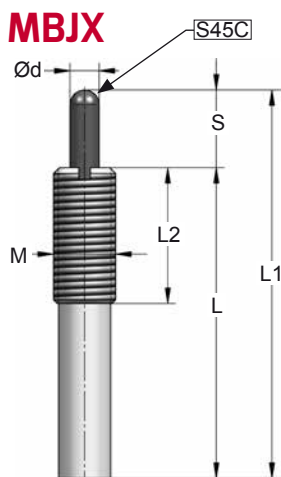


## MBJS



ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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

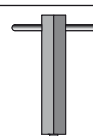
## MBJX



ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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

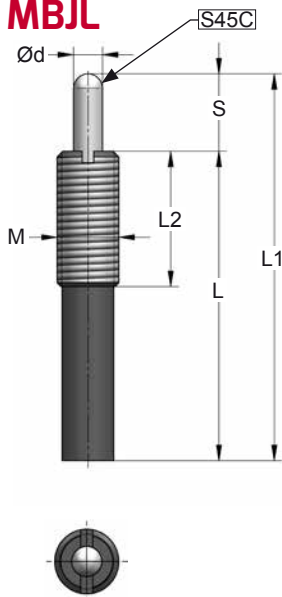


ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO



LPJ \_\_

# MBJL



ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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

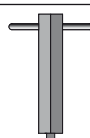


ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO



MBJL M30 40

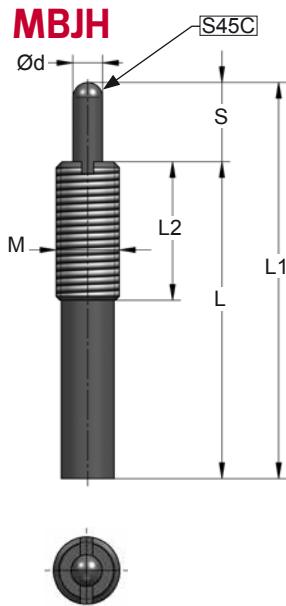
MBJL 30 040



LPJ \_\_

**MBJH**

Spring Plungers



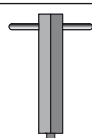
ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (N)	Key
MBJH 3 001	M3	1.5	11.5	10	10	1.1	0.8	3	---
MBJH 3 003	M3	3	18	15	15	1.1	0.8	3	---
MBJH 4 002	M4	2	17	15	15	1.6	3	9	---
MBJH 4 004	M4	4	28	24	24	1.6	2	9	---
MBJH 5 003	M5	3	23	20	20	2	5	20	LPJ 1
MBJH 5 005	M5	5	32	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



ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO

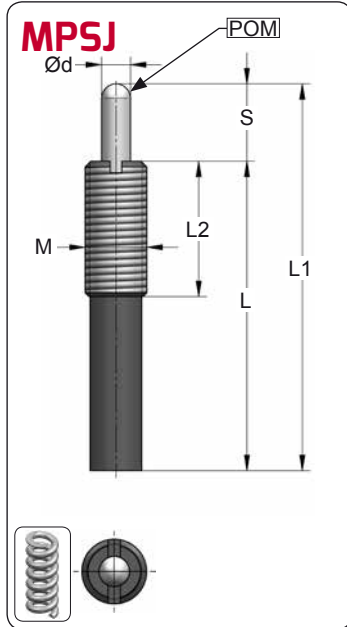


MBJH M30 40  
MBJH 30 040

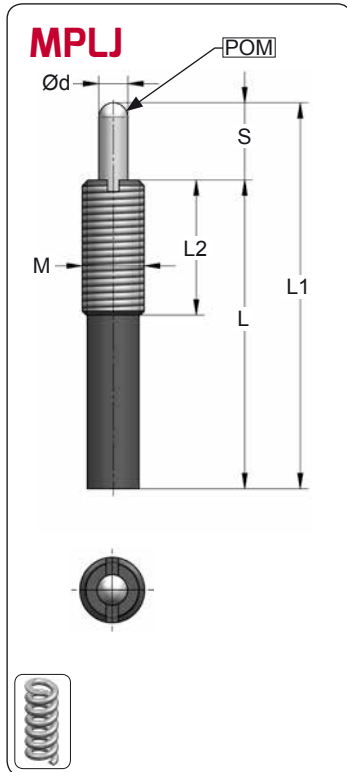


LPJ \_\_





ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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

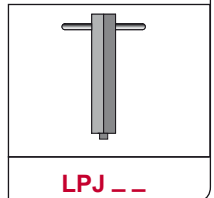


ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (N)	Key
MPLJ 3 001	M3	1.5	11.5	10	10	1.1	0.5	1	---
MPLJ 3 003	M3	3	18	15	15	1.1	0.3	1	---
MPLJ 4 002	M4	2	17	15	15	1.6	1	2	---
MPLJ 4 004	M4	4	28	24	24	1.6	0.6	2	---
MPLJ 5 003	M5	3	23	20	20	2	2	10	LPJ 1
MPLJ 5 005	M5	5	32	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**

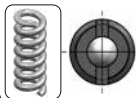
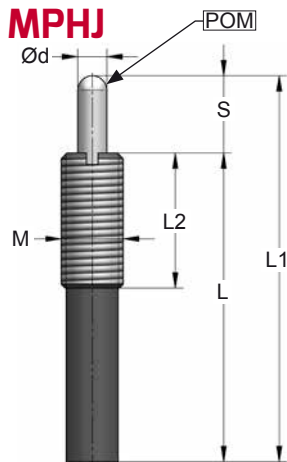


# MPHJ / MPXJ

Spring Plungers

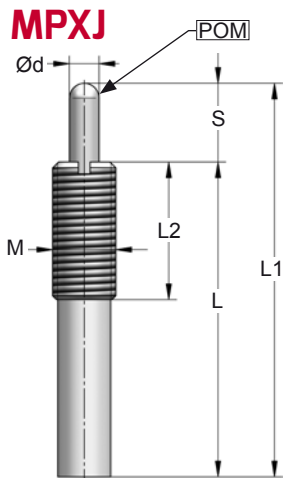
**AZOL  
GAS** 

## MPHJ



ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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 <sub>0</sub> (N)	F <sub>1</sub> (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

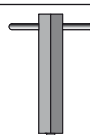


ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO



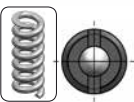
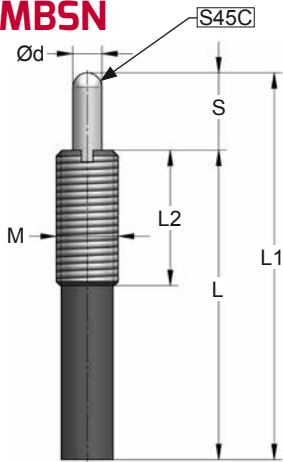
MPXJ M16 20

MPXJ 16 020



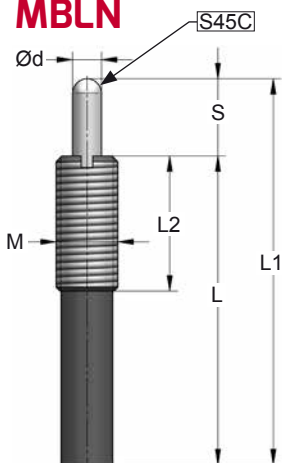
LPJ \_\_

**MBSN**



ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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

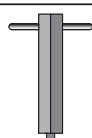
**MBLN**



ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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



ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO



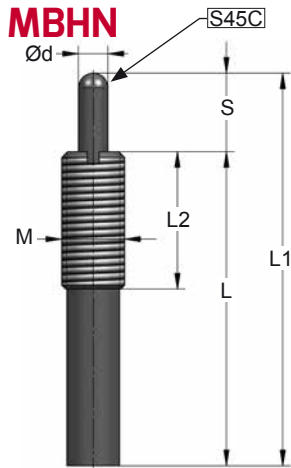
LPJ \_\_

# MBHN / MBXN

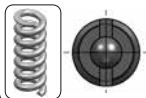
Spring Plungers

**AZOL  
GAS** 

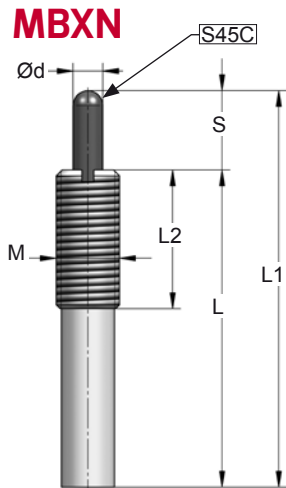
## MBHN



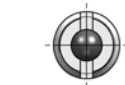
ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	$\varnothing d$ (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (N)	Key
MBHN 5 003	M5	3	23	20	20	2	5	20	LPJ 1
MBHN 5 005	M5	5	32	27	27	2	3	20	LPJ 1
MBHN 6 003	M6	3	28	25	25	2.5	8	30	LPJ 1
MBHN 6 005	M6	5	35	30	30	2.5	5	30	LPJ 1
MBHN 8 003	M8	3	28	25	25	3.1	15	30	LPJ 2
MBHN 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






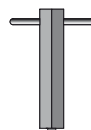
## MBXN



ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	$\varnothing d$ (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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		
		M	S
		20	mm
<b>MBXN M16 20</b>			
<b>MBXN 16 020</b>			

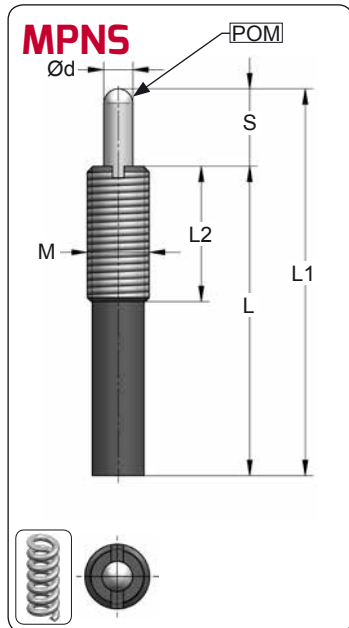


LPJ \_\_

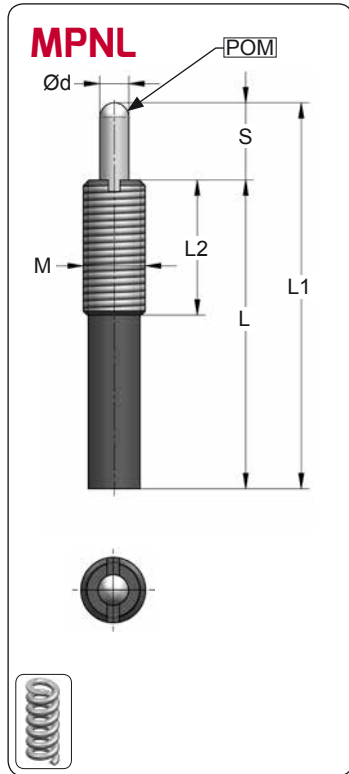


# MPNS / MPNL

Spring Plungers



ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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

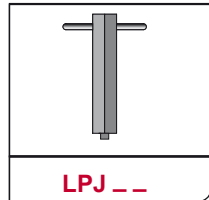


ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (N)	Key
MPNL 5 003	M5	3	23	20	20	2	2	10	LPJ 1
MPNL 5 005	M5	5	32	27	27	2	2	10	LPJ 1
MPNL 6 003	M6	3	28	25	25	2.5	6	10	LPJ 1
MPNL 6 005	M6	5	35	30	30	2.5	2	10	LPJ 1
MPNL 8 003	M8	3	28	25	25	3.1	6	10	LPJ 2
MPNL 8 005	M8	5	32	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

ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO

**MPNL M16 20**

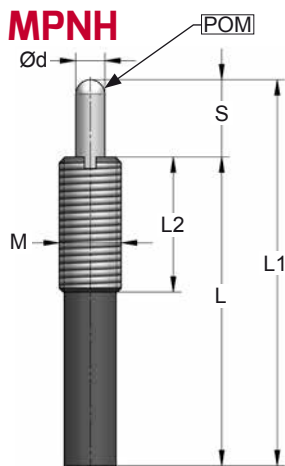
MPNL 16 020




# MPNH

Spring Plungers


**AZOL**  
**GAS**




ORDER	M	S (mm)	L1 (mm)	L (mm)	L2 (mm)	Ød (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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



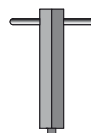
ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO





**MPNH M16 20**

MPNH 16 020



LPJ \_\_

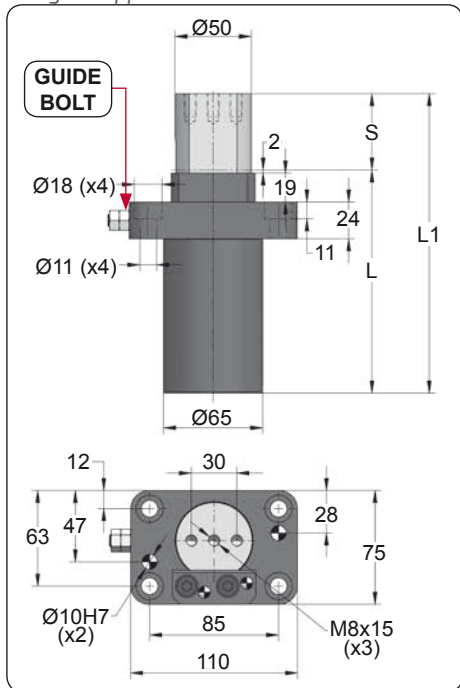




# EXU

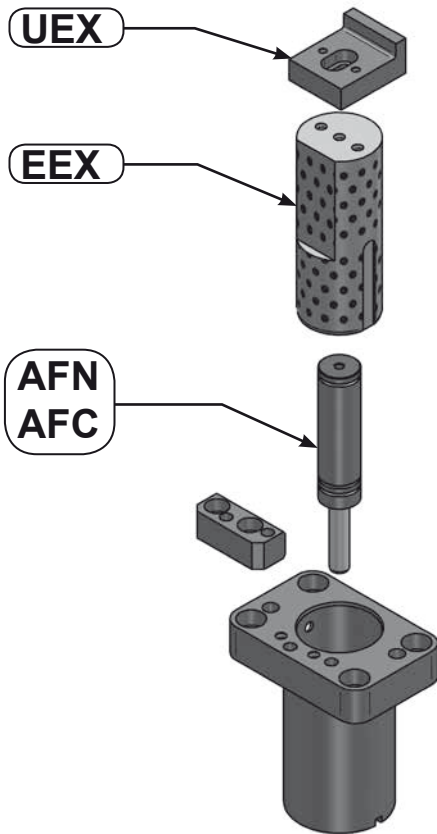
Flange Strippers



ORDER	S (mm)	L1 $\pm 0,25$ (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	Pressure		$F_0$	$F_1$
		bar	psi	daN	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

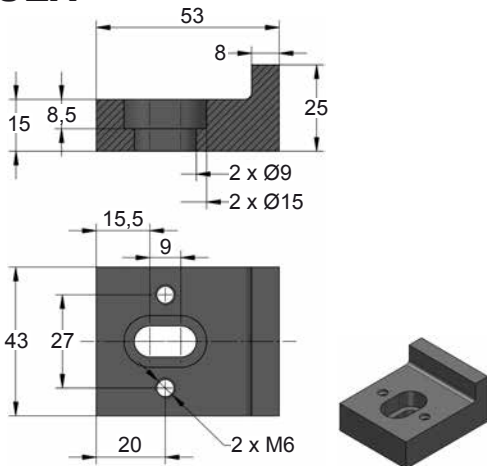
EXU 200 50  
 EXU 200 050

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N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi 20 290	bar psi 180 2610	°C °F 0 32	°C °F 80 176	
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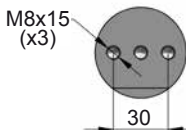
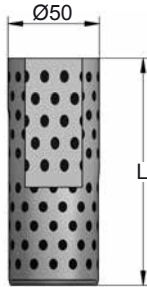


**UEX**

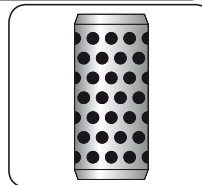
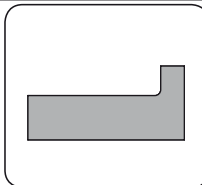
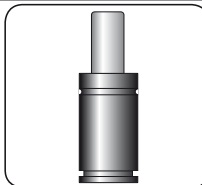
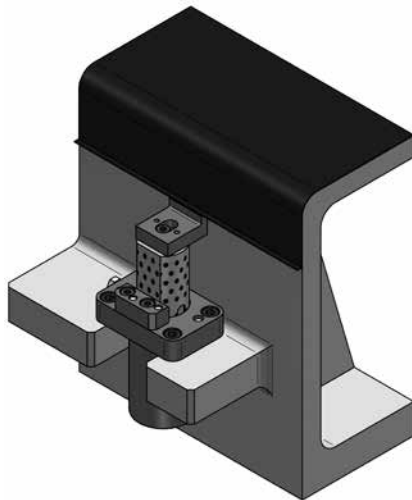
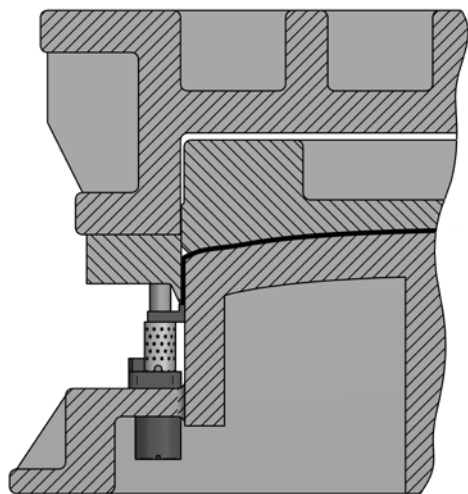


**EEX-**

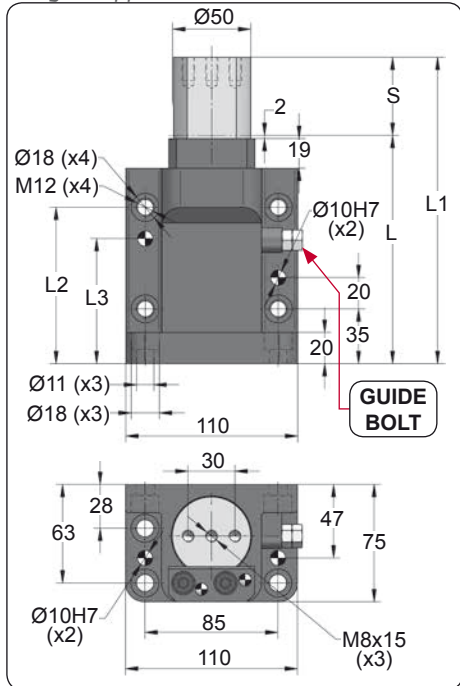
Serial Number



ORDER	S (mm)	L (mm)
EEX-050	50	125
EEX-080	80	155
EEX-100	100	175

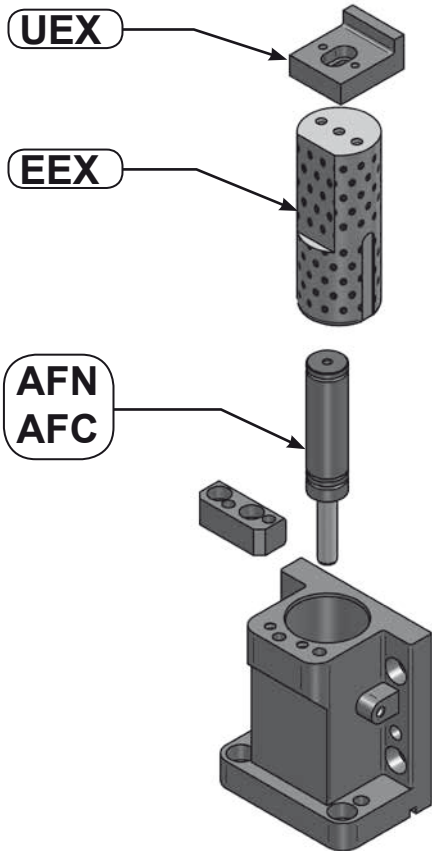


CODE	EXU 200 050	AFN 200 050 AFC 200 100	UEX	EEX-050- Serial Number	
ENG	ORDER	FLANGE STRIPPER	GAS SPRING	CAP	ROD
DEU	BESTELL	ABSTREIFER	GASDRUCKFEDER	ADAPTER	KOLBENSTANGE
FRA	COMMANDE	EXTRACTEUR	RESSORT À GAZ	LAME D'EXTRACTION	TIGE
ITA	ORDINE	ESTRATTORE	CILINDRO AD AZOTO	ADATTATORE	STELO
ESP	PEDIDO	EXTRACTOR	RESORTE DE GAS	UNA	EJE
POR	PEDIDO	LEVANTADOR	CILINDRO DE GAS	ADAPTADOR	HASTE

ORDER	S (mm)	L1 $\pm 0.25$ (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	Pressure		$F_0$	$F_1$
		bar	psi	daN	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

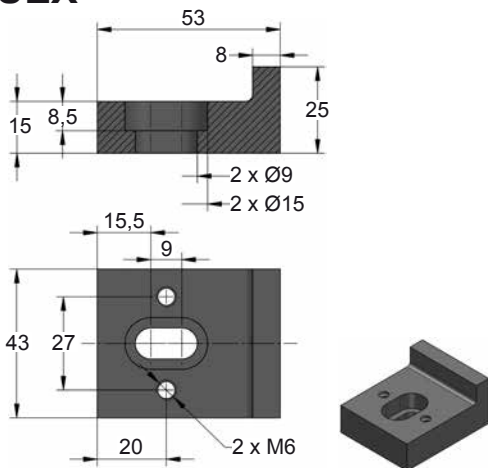
Ordering information in multiple languages:

- ENG ORDER
- DEU BESTELL
- FRA COMMANDE
- ITA ORDINE
- ESP PEDIDO
- POR PEDIDO

Technical drawing showing dimensions  $F_0$  (daN) and  $S$  (mm). Below the drawing, the code **EXY 200 50** is shown, with a red line pointing to the code **EXY 200 050** in a red box.

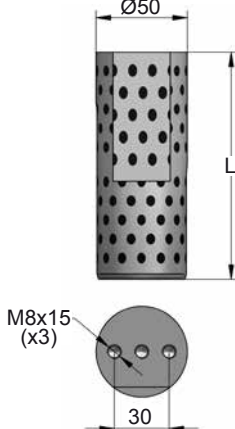
N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi 20 290    bar psi 180 2610	°C °F 0 32    °C °F 80 176	

**UEX**

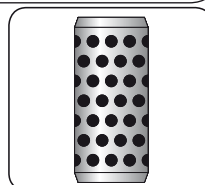
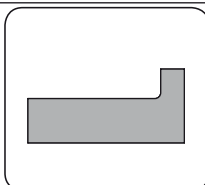
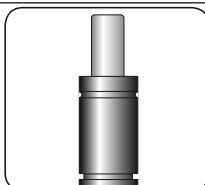
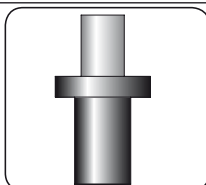
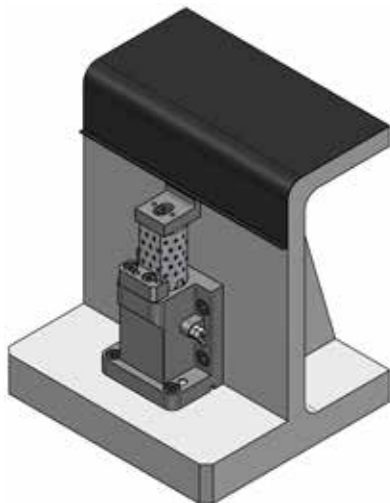
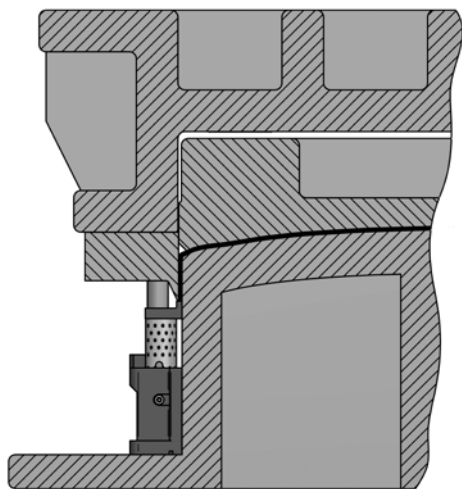


**EEX-**

Serial Number

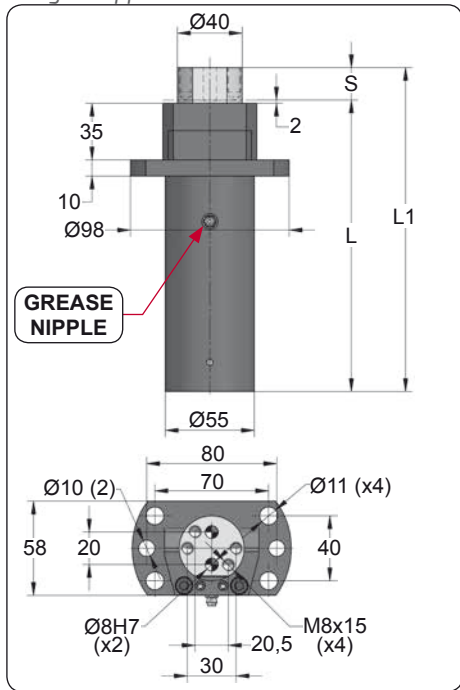


ORDER	S (mm)	L (mm)
EEX-050	50	125
EEX-080	80	155
EEX-100	100	175



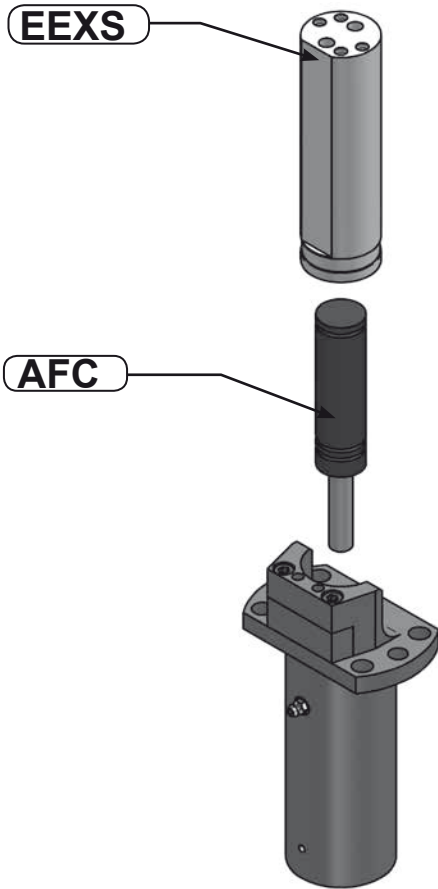
CODE	EXY 200 050	AFN 200 050 AFC 200 100	UEX	EEX-050- Serial Number	
ENG	ORDER	FLANGE STRIPPER	GAS SPRING	CAP	ROD
DEU	BESTELL	ABSTREIFER	GASDRUCKFEDER	ADAPTER	KOLBENSTANGE
FRA	COMMANDE	EXTRACTEUR	RESSORT À GAZ	LAME D'EXTRACTION	TIGE
ITA	ORDINE	ESTRATTORE	CILINDRO AD AZOTO	ADATTATORE	STELO
ESP	PEDIDO	EXTRACTOR	RESORTE DE GAS	UNA	EJE
POR	PEDIDO	LEVANTADOR	CILINDRO DE GAS	ADAPTADOR	HASTE

		PSA	E24.57.420



ORDER	S (mm)	L1 $\pm 0,25$ (mm)	L (mm)	Kg.
EXP ... 050	50	200	150	2.30
EXP ... 080	80	260	180	2.82

## SPARE PARTS

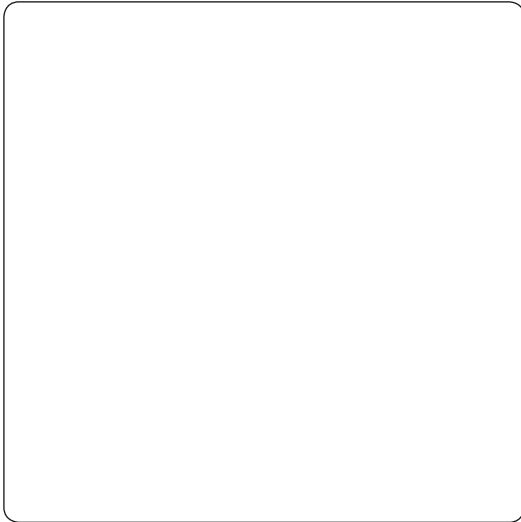


CODE	COLOR			$F_0$	$F_1$
		bar	psi	daN	daN
EXP 50 050	Green	45	650	50	75
EXP 100 050	Blue	90	1305	100	155
EXP 150 050	Red	135	1960	150	230
EXP 200 050	Yellow	180	2610	200	305

	ENG	ORDER	$F_0$	$S$
	DEU	BESTELL	daN	mm
	FRA	COMMANDE		
	ITA	ORDINE		
	ESP	PEDIDO		
	POR	PEDIDO		
			EXP 200	50
			EXP 200 050	

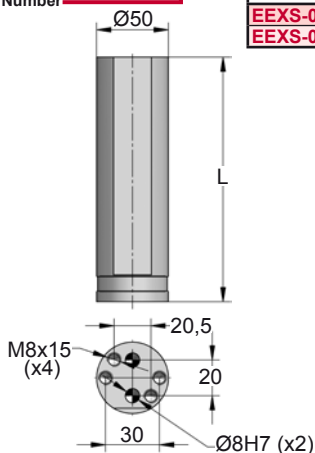
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N <sub>2</sub>	Smax < 90%	Vmax 1,6 m/s	bar psi 20 290	bar psi 180 2610	°C °F 0 32	°C °F 80 176	
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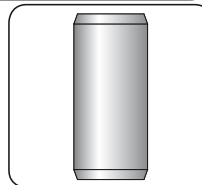
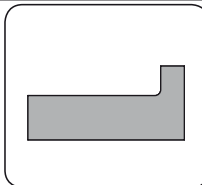
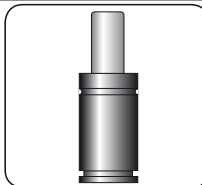
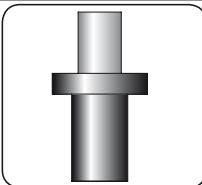
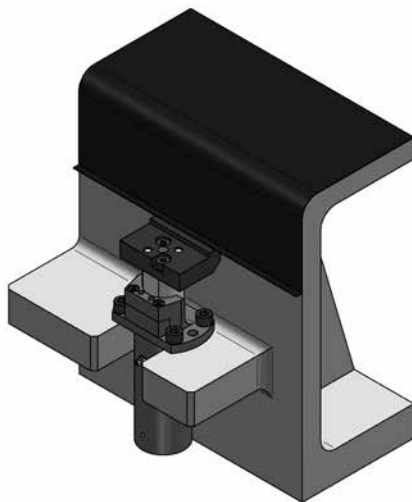
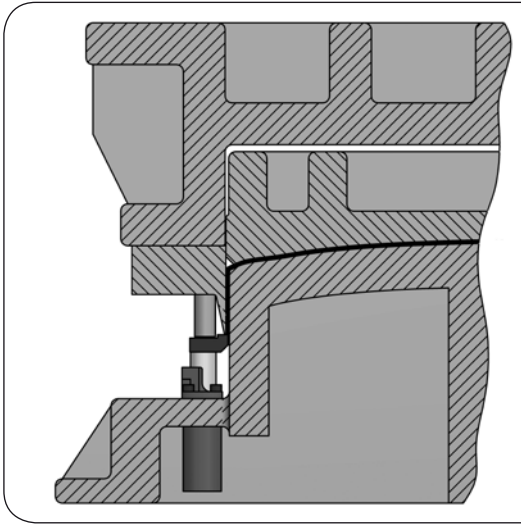


**EEXS-** \_\_\_\_\_

Serial Number \_\_\_\_\_



ORDER	S (mm)	L (mm)
<b>EEXS-050</b>	50	137
<b>EEXS-080</b>	80	167

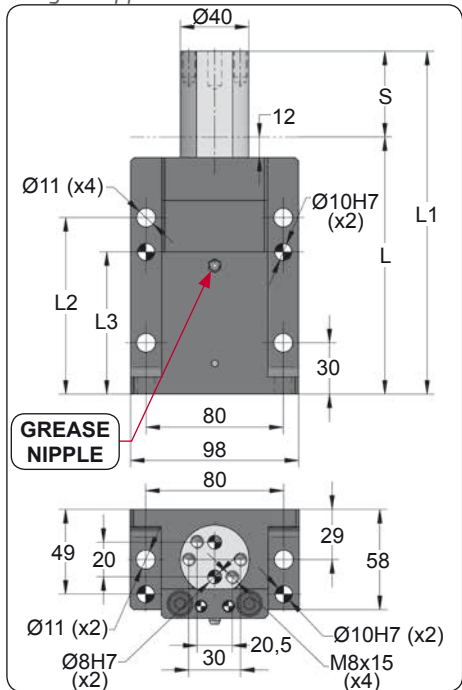


CODE	<b>EXP 200 050</b>	<b>AFC 200 050</b>	<b>X</b>	<b>EEXS-050-</b> Serial Number _____	
ENG	ORDER	FLANGE STRIPPER	GAS SPRING	CAP	ROD
DEU	BESTELL	ABSTREIFER	GASDRUCKFEDER	ADAPTER	KOLBENSTANGE
FRA	COMMANDE	EXTRACTEUR	RESSORT À GAZ	LAME D'EXTRACTION	TIGE
ITA	ORDINE	ESTRATTORE	CILINDRO AD AZOTO	ADATTATORE	STELO
ESP	PEDIDO	EXTRACTOR	RESORTE DE GAS	UNA	EJE
POR	PEDIDO	LEVANTADOR	CILINDRO DE GAS	ADAPTADOR	HASTE

# EXS

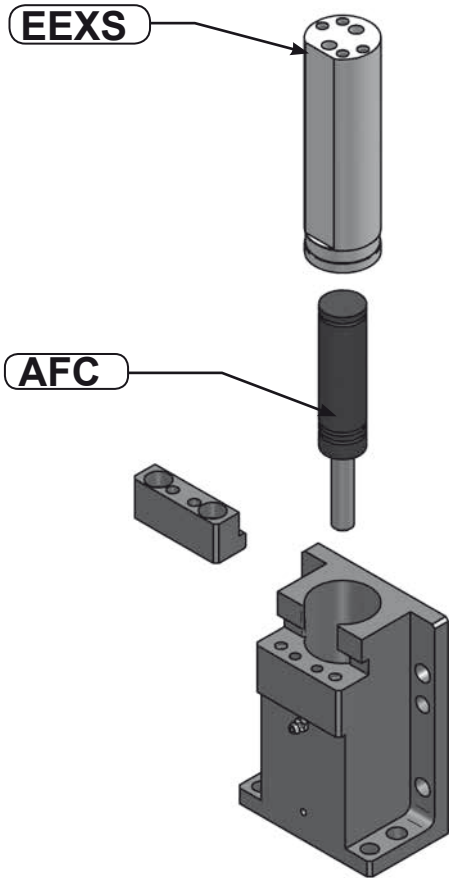
Flange Strippers

		PSA	E24.57.420



ORDER	S (mm)	L1 $\pm 0.25$ (mm)	L (mm)	L2 (mm)	L3 (mm)	Kg.
EXS ... 050	50	200	150	103	83	4.38
EXS ... 080	80	260	180	133	113	5.50

## SPARE PARTS



CODE	COLOR	 bar psi		$F_0$	$F_1$
		bar	psi	daN	daN
EXS 50 050	Green	45	650	50	75
EXS 100 050	Blue	90	1305	100	155
EXS 150 050	Red	135	1960	150	230
EXS 200 050	Yellow	180	2610	200	305

ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO

$F_0$   
daN

$S$   
mm

EXS 200 50

EXS 200 050

**N<sub>2</sub>**

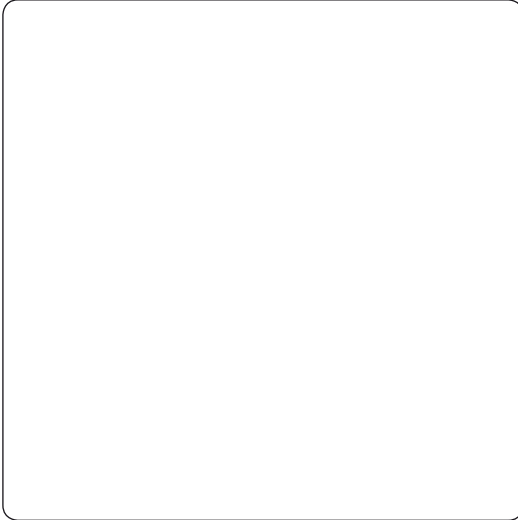
**S<sub>max</sub> < 90%**

**V<sub>max</sub> 1,6 m/s**

**P<sub>min</sub> (20°C)**  
**P<sub>max</sub> (20°C)**

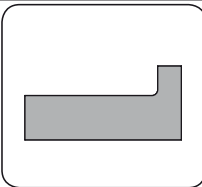
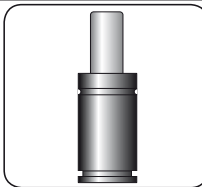
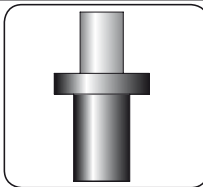
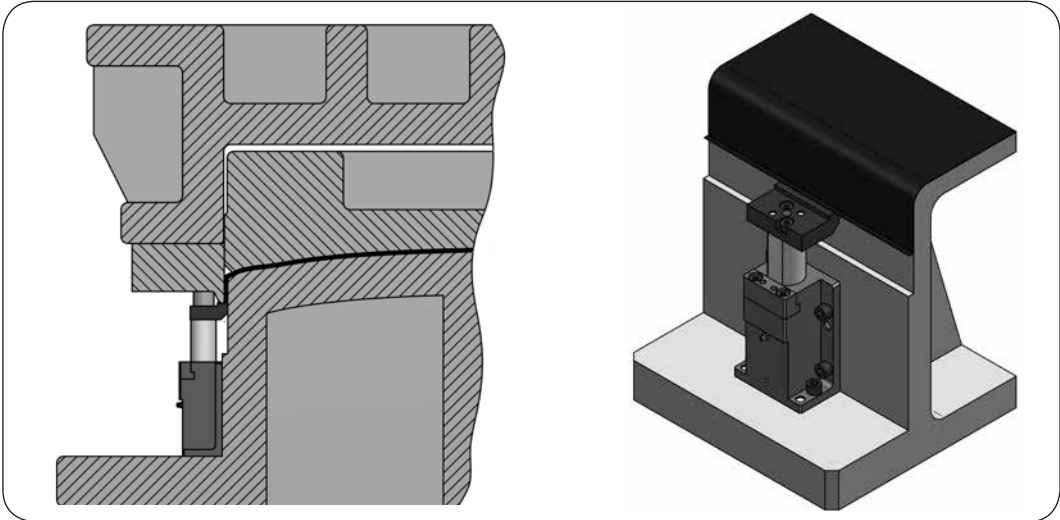
**T<sub>min</sub>**  
**T<sub>max</sub>**

bar	psi	bar	psi	°C	°F	°C	°F	X
20	290	180	2610	0	32	80	176	



**EEXS-** \_\_\_\_\_  
Serial Number \_\_\_\_\_

ORDER	S (mm)	L (mm)
<b>EEXS-050</b>	50	137
<b>EEXS-080</b>	80	167

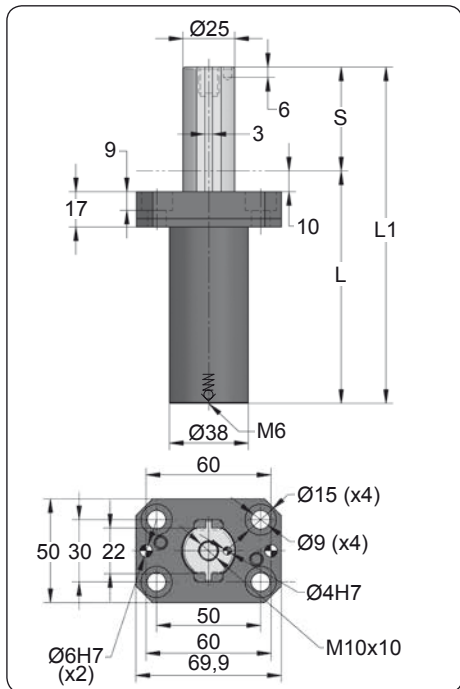


CODE	<b>EXS 200 050</b>	<b>AFC 200 050</b>	<b>X</b>	<b>EEXS-050-</b> Serial Number _____	
ENG	ORDER	FLANGE STRIPPER	GAS SPRING	CAP	ROD
DEU	BESTELL	ABSTREIFER	GASDRUCKFEDER	ADAPTER	KOLBENSTANGE
FRA	COMMANDE	EXTRACTEUR	RESSORT À GAZ	LAME D'EXTRACTION	TIGE
ITA	ORDINE	ESTRATTORE	CILINDRO AD AZOTO	ADATTATORE	STELO
ESP	PEDIDO	EXTRACTOR	RESORTE DE GAS	UNA	EJE
POR	PEDIDO	LEVANTADOR	CILINDRO DE GAS	ADAPTADOR	HASTE

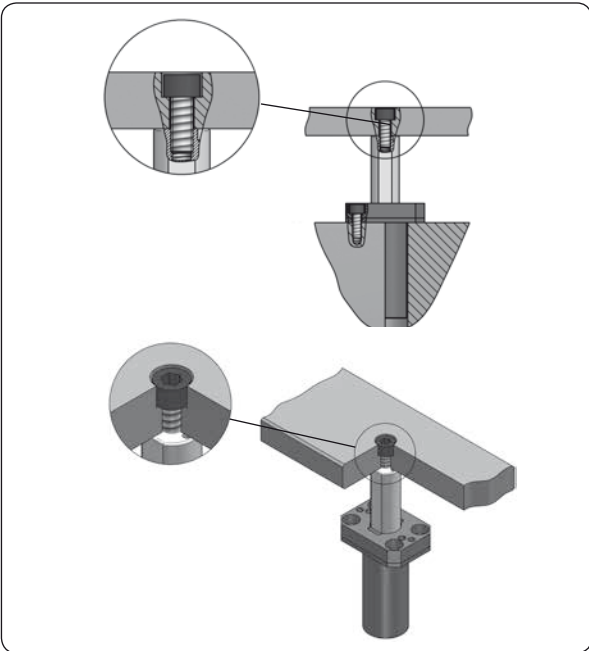
# EXDB 90 V1

Stock Lifters



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	daN	daN
EXDB 90 050 V1	180	2610	90	125

	ENG ORDER		
	DEU BESTELL		
	FRA COMMANDE		
	ITA ORDINE		
	ESP PEDIDO		
	POR PEDIDO		

**EXDB 90**      **50**  
**EXDB 90 050 V1**

	<b>EXDB 90 050 V1</b>		<b>AFJ 90 050 V1</b>
ENG STOCK LIFTER		ENG GAS SPRING	
DEU TEILEHEBER		DEU GASDRÜCKFEDER	
FRA ELEVATEUR		FRA RESSORT À GAZ	
ITA SOLLEVATORE		ITA CILINDRO AD AZOTO	
ESP ELEVADOR		ESP RESORTE DE GAS	
POR LEVANTADOR		POR CILINDRO DE GÁS	

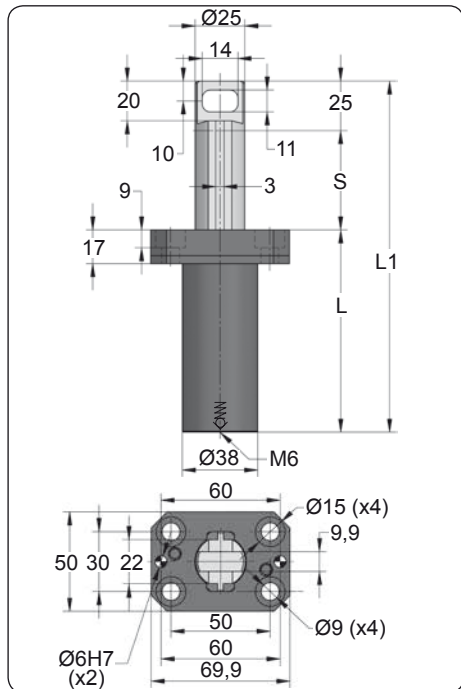
N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,8 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub> T <sub>max</sub>	

bar	psi	bar	psi	°C	°F	°C	°F	
20	290	180	2610	0	32	80	176	

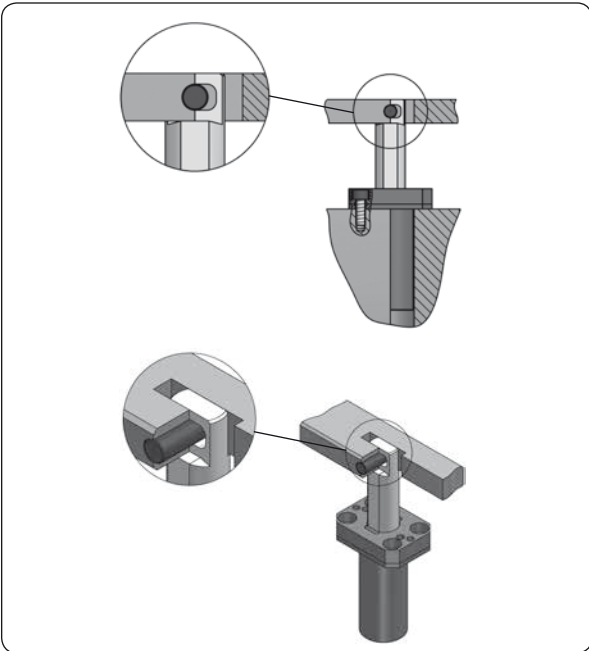


# AZOL GAS EXDN 90 V1

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			$F_0$	$F_1$
	bar	psi	daN	daN
EXDN 90 050 V1	180	2610	90	125

	ENG ORDER DEU BESTELL FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO	$F_0$	$S$
		daN	mm
	<b>EXDN 90</b>	<b>50</b>	
	<b>EXDN 90 050 V1</b>		

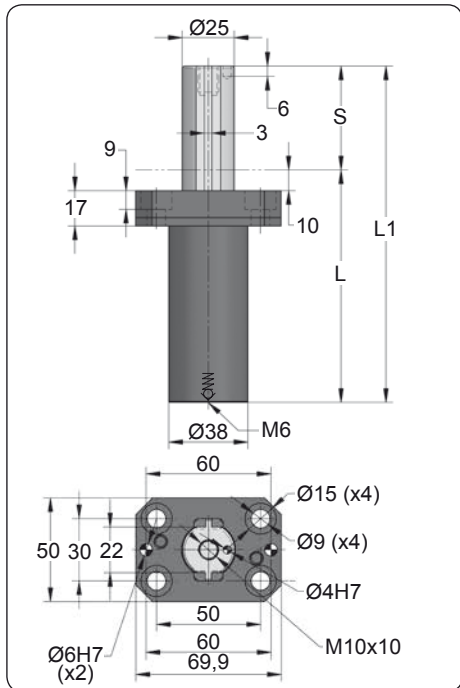
	<b>EXDN 90 050 V1</b>		<b>AFJ 90 050 V1</b>
ENG STOCK LIFTER DEU TEILEHEBER FRA ELEVATEUR ITA SOLLEVATORE ESP ELEVADOR POR LEVANTADOR		GAS SPRING GASDRUCKFEDER RESSORT À GAZ CILINDRO AD AZOTO RESORTE DE GAS CILINDRO DE GAS	

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,8 m/s	P <sub>min</sub> (20°C) P <sub>max</sub> (20°C)	T <sub>min</sub> T <sub>max</sub>	

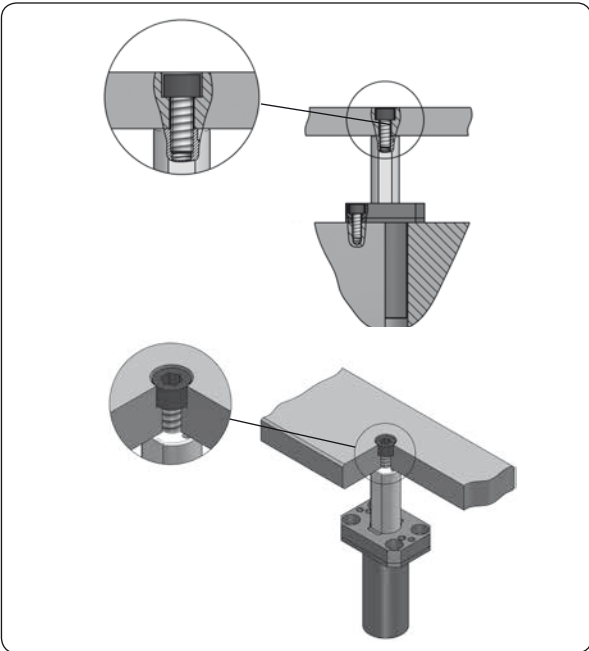
bar	psi	bar	psi	°C	°F	°C	°F	
20	290	180	2610	0	32	80	176	

# EXDT 170 V1

Stock Lifters



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	daN	daN
EXDT 170 050 V1	180	2610	170	340

ENG ORDER	DEU BESTELL	FRA COMMANDE	ITA ORDINE	ESP PEDIDO	POR PEDIDO
EXDT	170	50			
EXDT 170 050 V1					

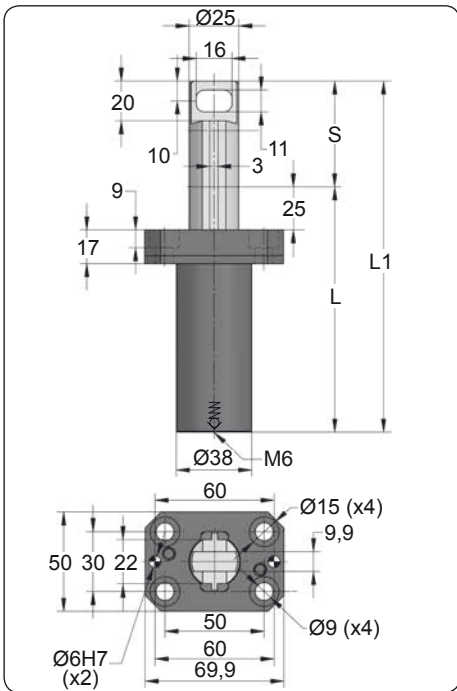
ENG STOCK LIFTER	DEU TEILEHEBER	FRA ELEVATEUR	ITA SOLLEVATORE	ESP ELEVADOR	POR LEVANTADOR
EXDT 170 050 V1					

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,8 m/s	P <sub>min</sub> (20°C)	P <sub>max</sub> (20°C)	T <sub>min</sub>	T <sub>max</sub>	

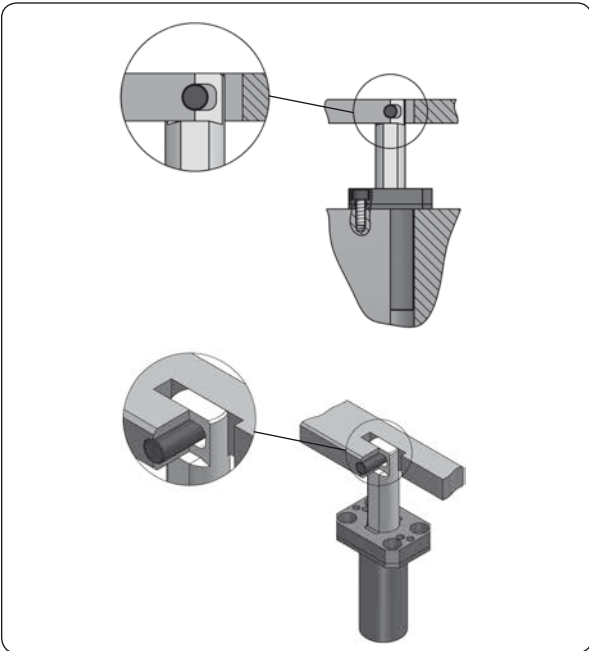
bar	psi	bar	psi	°C	°F	°C	°F	
20	290	180	2610	0	32	80	176	

# 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			$F_0$	$F_1$
	bar	psi	daN	daN
EXDE 170 050 V1	180	2610	170	340

	ENG ORDER DEU BESTELL FRA COMMANDE ITA ORDINE ESP PEDIDO POR PEDIDO	$F_0$	$S$
		daN	mm
	<b>EXDE 170</b>		<b>50</b>
	<b>EXDE 170 050 V1</b>		

	<b>EXDE 170 050 V1</b>		<b>CW 170 050 V1</b>
ENG STOCK LIFTER DEU TEILEHEBER FRA ELEVATEUR ITA SOLLEVATORE ESP ELEVADOR POR LEVANTADOR		GAS SPRING GASDRÜCKFEDER RESSORT À GAZ CILINDRO AD AZOTO RESORTE DE GAS CILINDRO DE GAS	

N <sub>2</sub>	S <sub>max</sub> < 90%	V <sub>max</sub> 0,8 m/s	P <sub>min</sub> (20°C) P <sub>max</sub> (20°C)	T <sub>min</sub> T <sub>max</sub>	

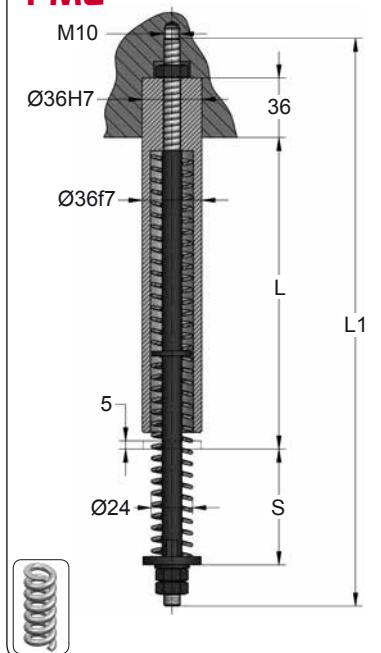
bar	psi	bar	psi	°C	°F	°C	°F	
20	290	180	2610	0	32	80	176	

# PME / PGE

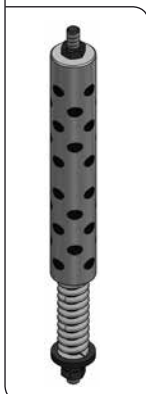
Bolt



## PME



ORDER	S (mm)	L1 (mm)	L (mm)	F <sub>0</sub> (N)	F <sub>1</sub> (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

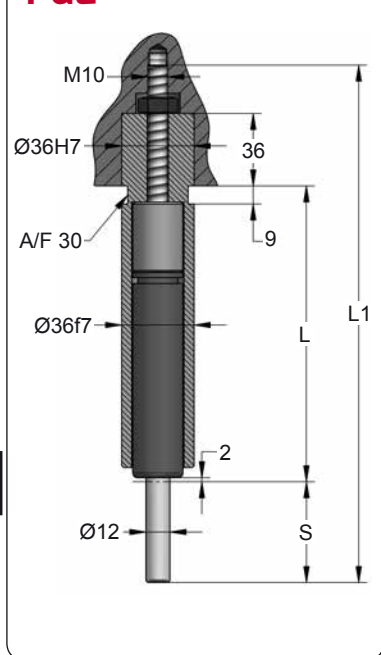


	ENG ORDER	
	DEU BESTELL	
	FRA COMMANDE	
	ITA ORDINE	
	ESP PEDIDO	
	POR PEDIDO	

**PME 1**

**PME 1**

## PGE



ORDER	S (mm)	L1 (mm)	L (mm)	F <sub>0</sub> (daN)	F <sub>1</sub> (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

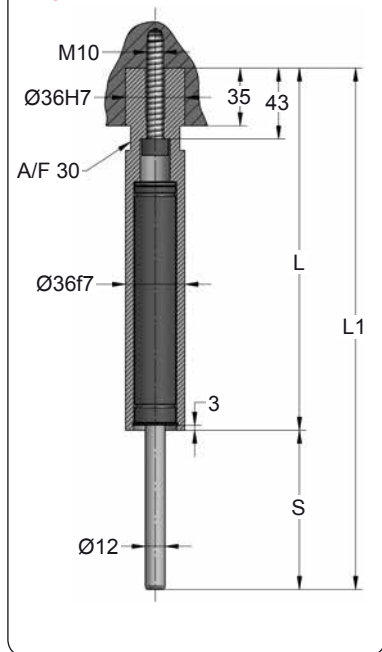


	ENG ORDER	
	DEU BESTELL	
	FRA COMMANDE	
	ITA ORDINE	
	ESP PEDIDO	
	POR PEDIDO	

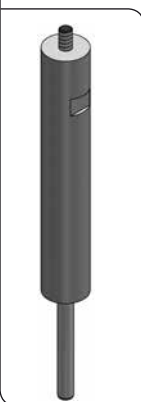
**PGE 1**

**PGE 1**

**PGN**



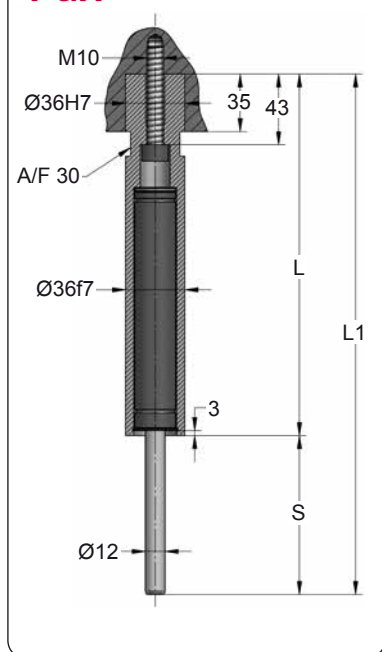
ORDER	S (mm)	L1 (mm)	L (mm)	F <sub>0</sub> (daN)	F <sub>1</sub> (daN)	Gas Spring
<b>PGN - 1</b>	58	240	182	100	155	AFC 100 063
<b>PGN - 2</b>	74	274	200	100	155	AFC 100 080
<b>PGN - 3</b>	94	314	220	100	155	AFC 100 100



	ENG ORDER	
	DEU BESTELL	
	FRA COMMANDE	
	ITA ORDINE	
	ESP PEDIDO	
	POR PEDIDO	

**PGN 1**

**PGH**



ORDER	S (mm)	L1 (mm)	L (mm)	F <sub>0</sub> (daN)	F <sub>1</sub> (daN)	Gas Spring
<b>PGH - 1</b>	58	240	182	100	155	AFC 100 063
<b>PGH - 2</b>	74	274	200	100	155	AFC 100 080
<b>PGH - 3</b>	94	314	220	100	155	AFC 100 100



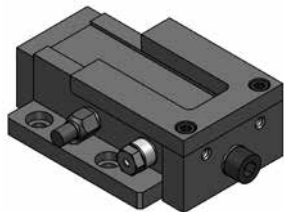
	ENG ORDER	
	DEU BESTELL	
	FRA COMMANDE	
	ITA ORDINE	
	ESP PEDIDO	
	POR PEDIDO	

**PGH 1**

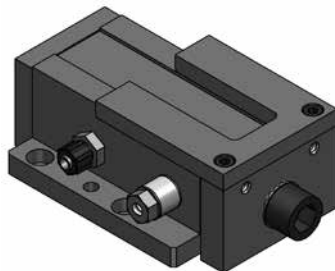




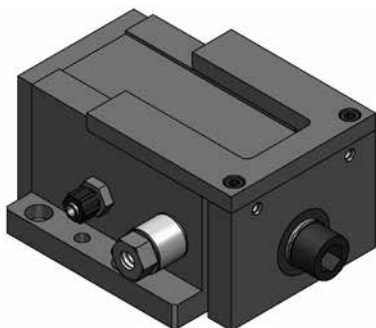
# SP-ER AIR SCRAP REMOVER



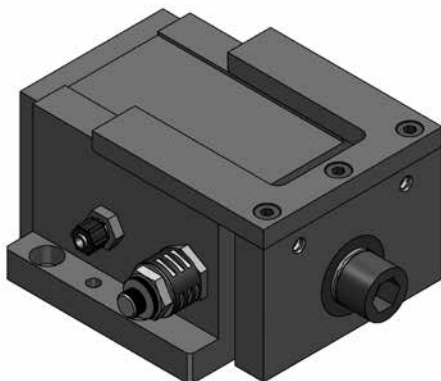
**SP-ER 3**



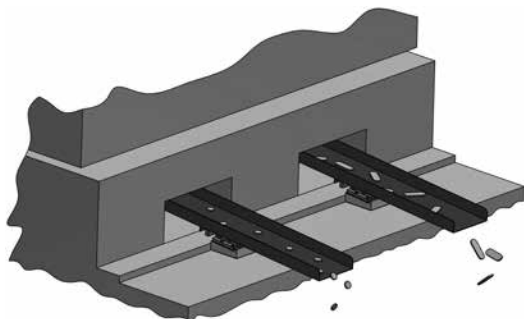
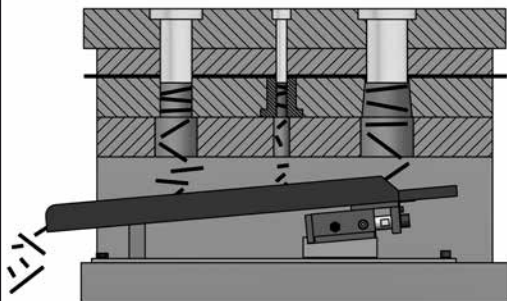
**SP-ER 5**



**SP-ER 7**

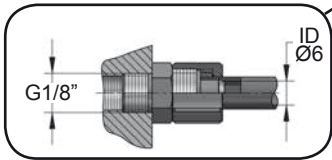
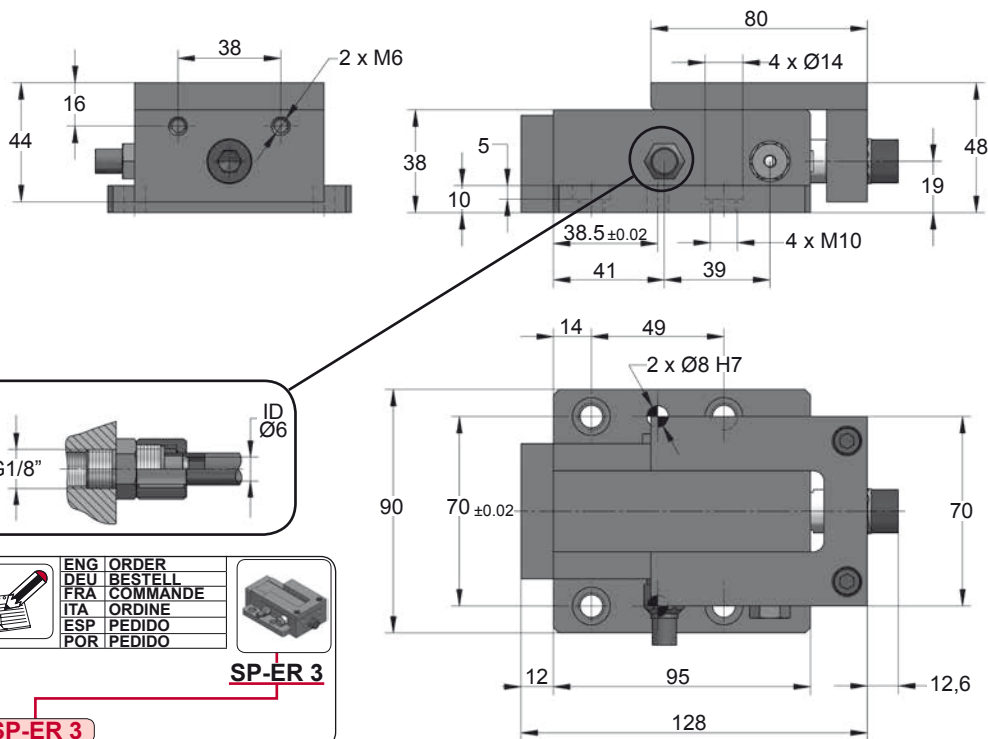


**SP-ER 9**



# SP-ER 3

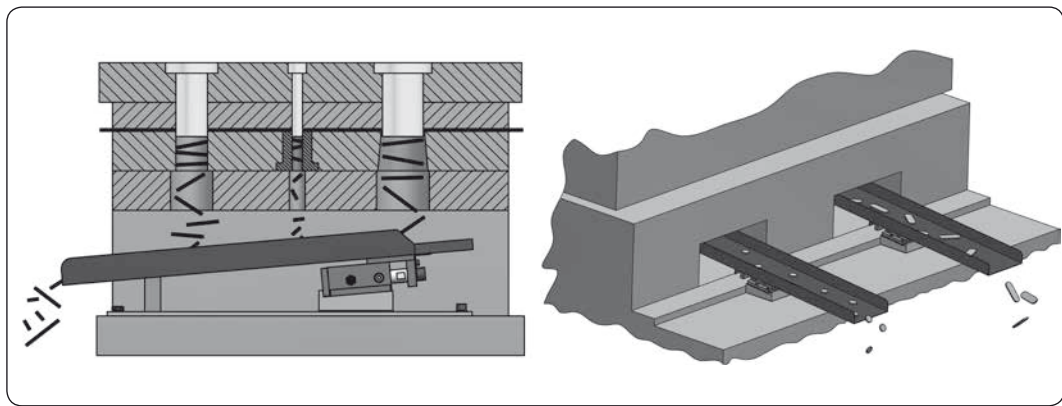
Air Scrap Remover



	ENG ORDER	
	DEU BESTELL	
	FRA COMMANDE	
	ITA ORDINE	
	ESP PEDIDO	
POR PEDIDO		

**SP-ER 3**

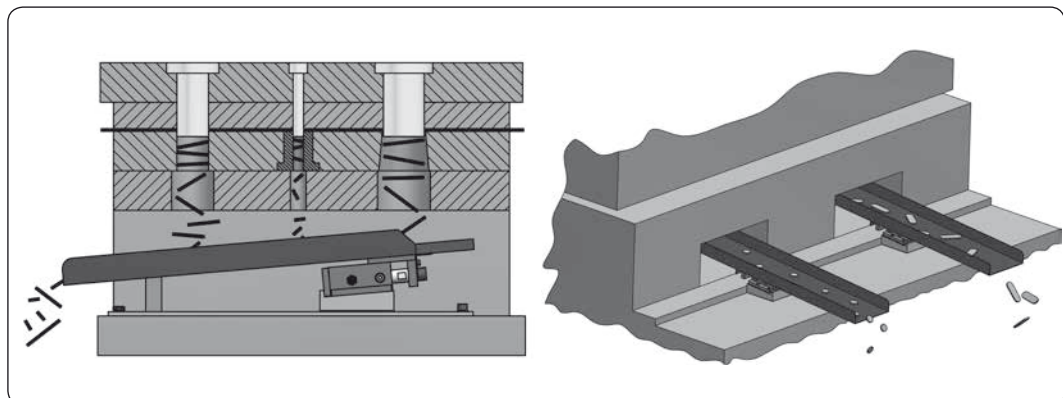
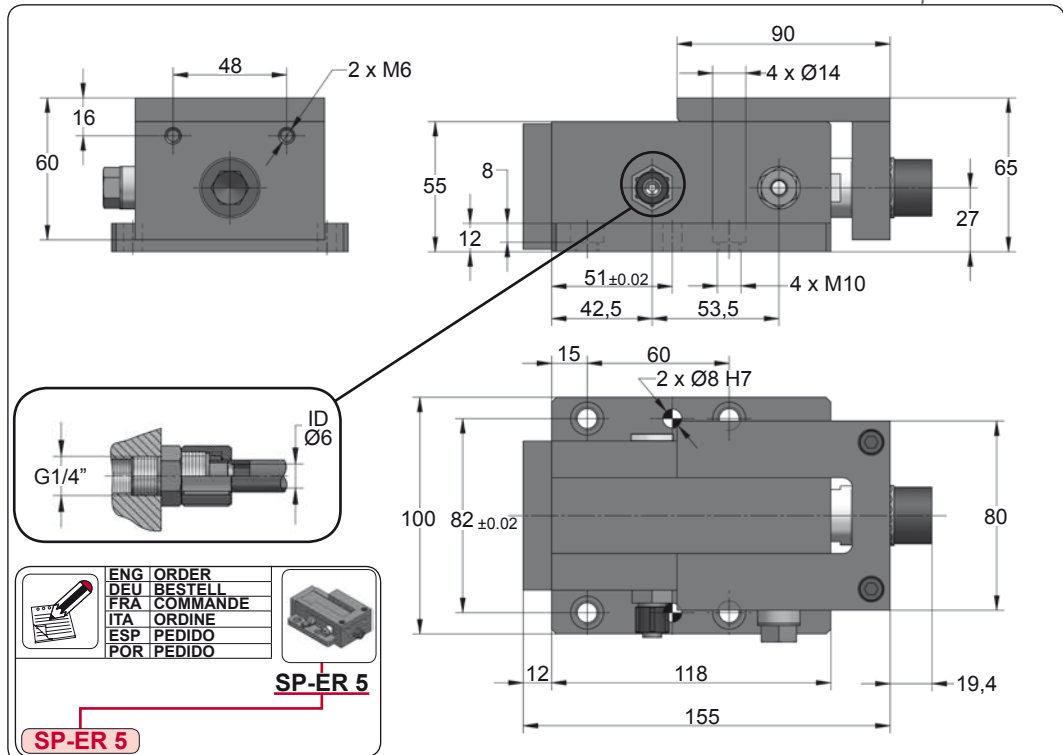
**SP-ER 3**



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<b>AIR</b>	<b>Smax = 30 mm</b>	<b>∠ min = 6°</b>	<b>bar psi</b> 4 58	<b>bar psi</b> 6 87	<b>°C °F</b> 0 32	<b>°C °F</b> 60 140	<b>Kg.max = 6 Kg.</b>
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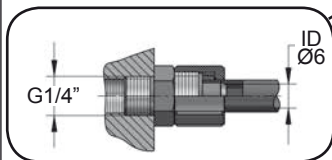
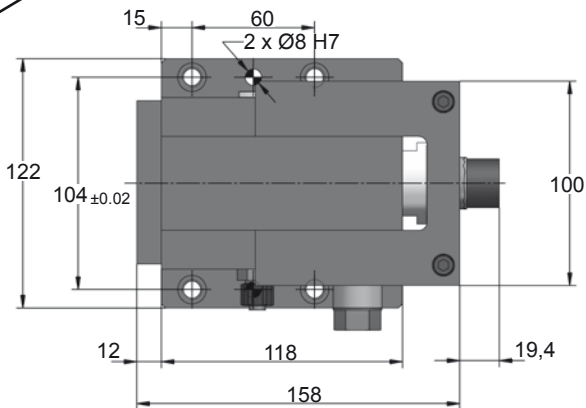
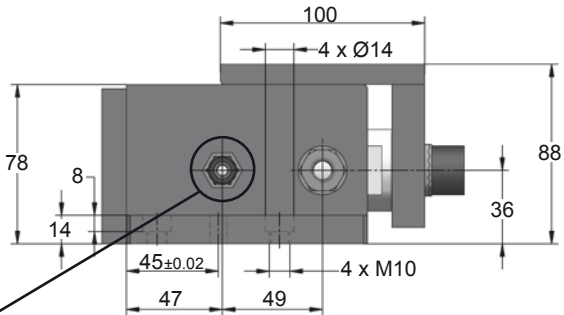
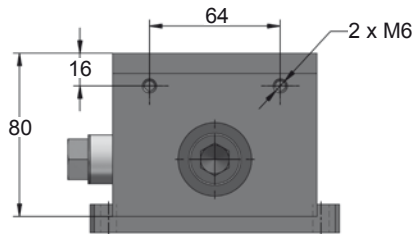


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<b>AIR</b>	<b>Smax = 33 mm</b>	<b>∠ min = 6°</b>	<b>Pmin (20°C)</b> bar psi 4 58	<b>Pmax (20°C)</b> bar psi 6 87	<b>°C °F</b> 0 32	<b>°C °F</b> 60 140	<b>Kg.max = 14 Kg.</b>
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# SP-ER 7

Air Scrap Remover

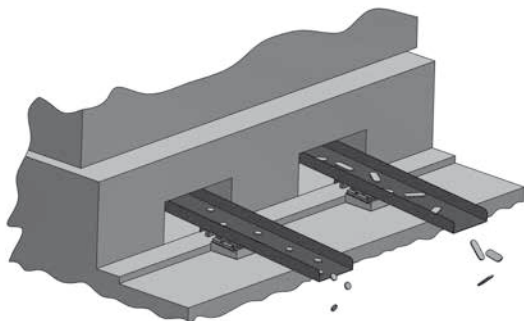
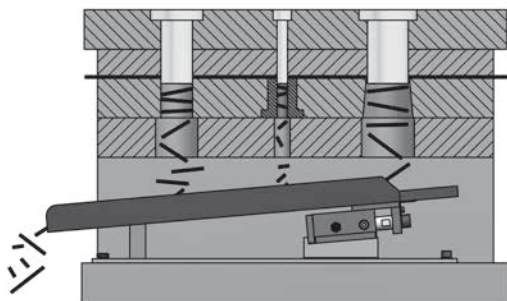


ENG ORDER  
 DEU BESTELL  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO



**SP-ER 7**

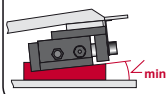
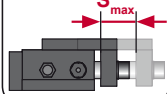
**SP-ER 7**



**AIR**



**S<sub>max</sub>**



**P<sub>min</sub>**  
(20°C)



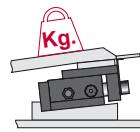
**P<sub>max</sub>**  
(20°C)



**T<sub>min</sub>**



**T<sub>max</sub>**



**Kg.max = 36 Kg.**

**AIR**

**S<sub>max</sub> = 20 mm**

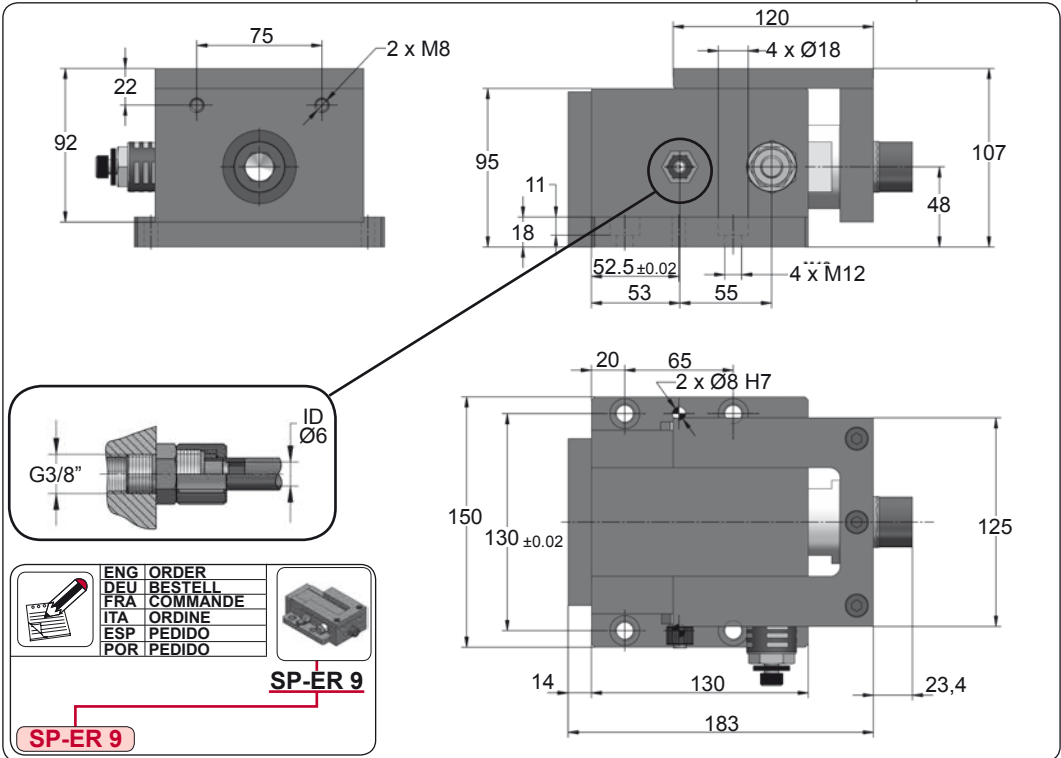
**∠ min = 6°**

**bar psi**  
4 58

**bar psi**  
6 87

**°C °F**  
0 32

**°C °F**  
60 140

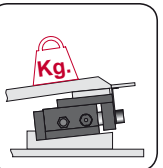
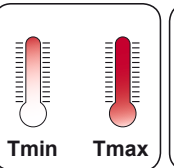
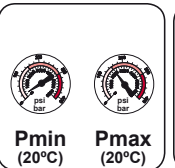
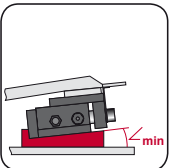
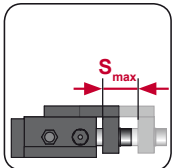
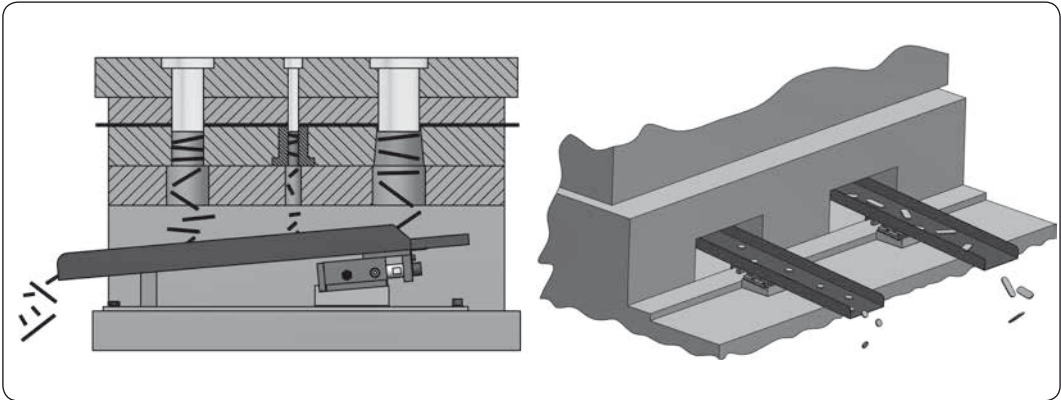


ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO



**SP-ER 9**

**SP-ER 9**



<b>AIR</b>	<b>S<sub>max</sub> = 28 mm</b>	<b>∠ min = 6°</b>	<b>bar psi</b> 4 58	<b>bar psi</b> 6 87	<b>°C °F</b> 0 32	<b>°C °F</b> 60 140	<b>Kg.max = 56 Kg.</b>
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## ACCESSORIES

**G1/8"**

Charge Port  
**G1/8"**



**Pmax**  
630 bar



**Rmin**  
20 mm



**Tmax**  
100 °C

-High vibration applications.  
-Compact size.

**M8 x 1**

Charge Port  
**M6**



**Pmax**  
400 bar

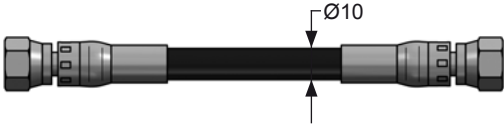


**Rmin**  
20 mm



**Tmax**  
100 °C

-M6 charge port gas springs.  
-Compact size.

**M12 X 1,5**

Charge Port  
**G1/8"**



**Pmax**  
345 bar

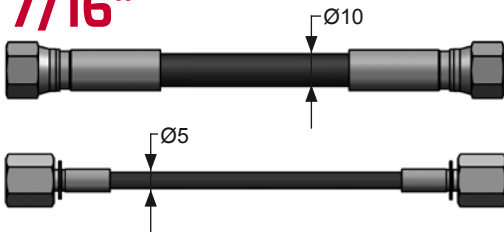


**Rmin**  
40 mm



**Tmax**  
100 °C

-Larger gas springs.  
-High gas flow.

**7/16"**

Charge Port  
**G1/8"**



**Pmax**  
345 bar



Charge Port  
**G1/8"**



**Pmax**  
345 bar



**Rmin**  
40 mm



**Tmax**  
100 °C

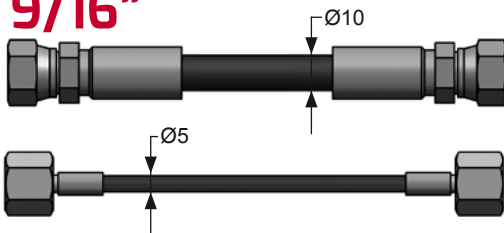


**Rmin**  
20 mm



**Tmax**  
100 °C

-Standard applications.

**9/16"**

Charge Port  
**G1/8"**



**Pmax**  
345 bar



Charge Port  
**G1/8"**



**Pmax**  
345 bar



**Rmin**  
40 mm



**Tmax**  
100 °C



**Rmin**  
20 mm

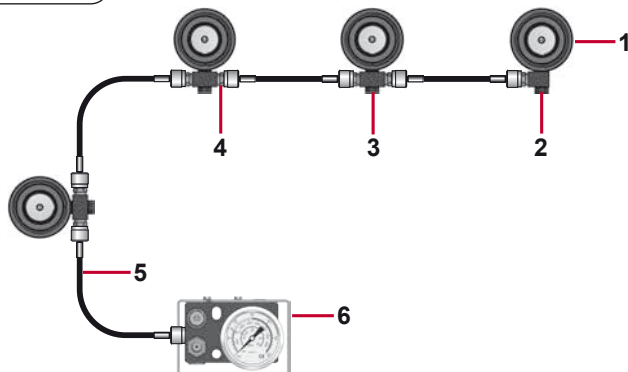


**Tmax**  
100 °C

-High vibration applications.

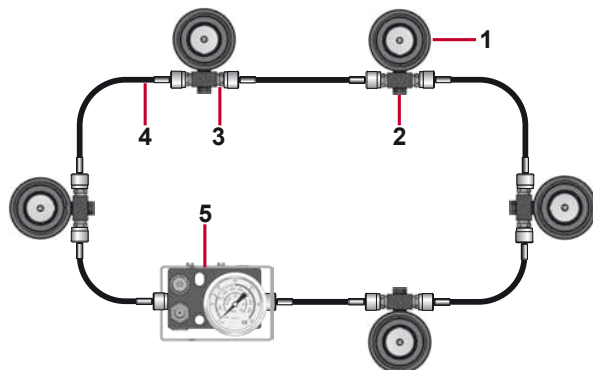
# CONNECTION SYSTEMS

## EXAMPLE 1



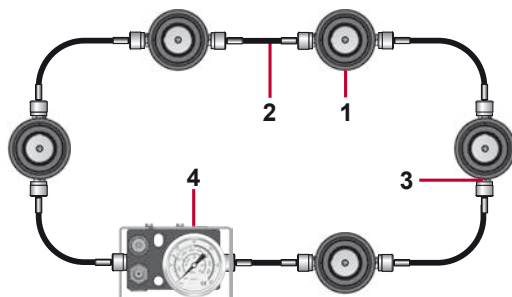
1.-	AG (x4)
2.-	CF 01 24 (x1)
3.-	CF 02 40 (x3)
4.-	SKK 12R 1/8 (x8)
5.-	SGS 12 XXXX (x4)
6.-	600-CP (x1)

## EXAMPLE 2



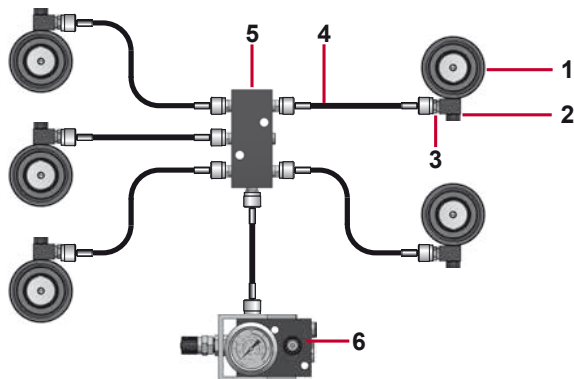
1.-	AG (x5)
2.-	CF 02 (x5)
3.-	SKK 12R 1/8 (x12)
4.-	SGS 12 XXXX (x6)
5.-	600-CP (x1)

## EXAMPLE 3



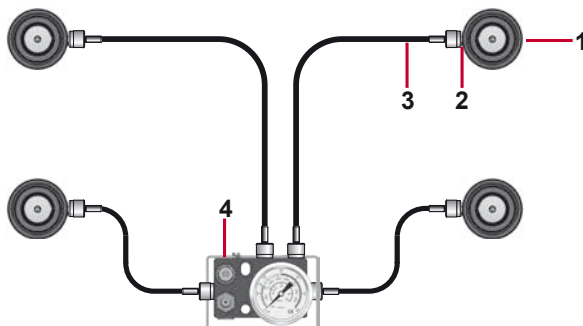
1.-	AGB-H (x5)
2.-	SGS 12 XXXX (x6)
3.-	SKK 12R 1/8 (x12)
4.-	600-CP (x1)

## EXAMPLE 4



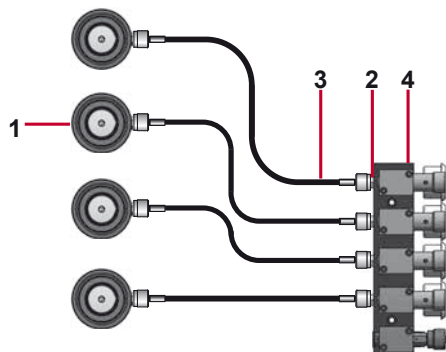
- |     |                   |
|-----|-------------------|
| 1.- | AG (x5)           |
| 2.- | CF 01 24 (x5)     |
| 3.- | SKK 12R 1/8 (X12) |
| 4.- | SGS 12 XXXX (x6)  |
| 5.- | PLD 6 (x1)        |
| 6.- | 600-CPRE 01 (x1)  |

## EXAMPLE 5



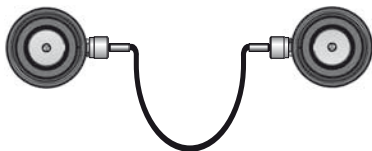
- |     |                  |
|-----|------------------|
| 1.- | AG (x4)          |
| 2.- | SKK 12R 1/8 (x8) |
| 3.- | SGS 12 XXXX (x4) |
| 4.- | 600-CP (x1)      |

## EXAMPLE 6



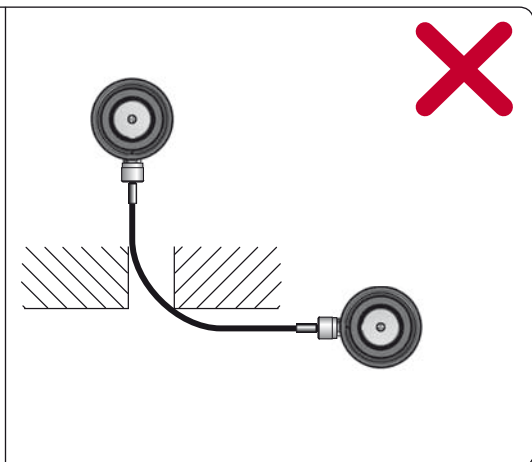
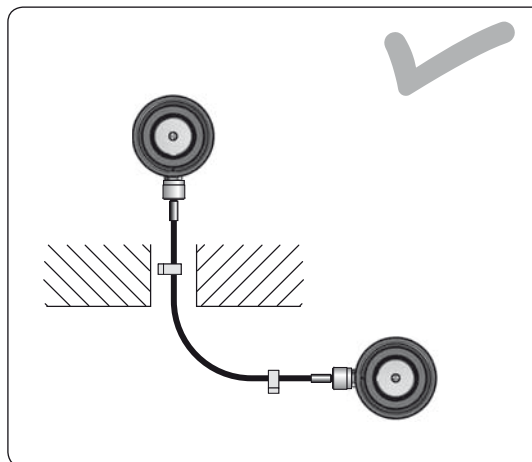
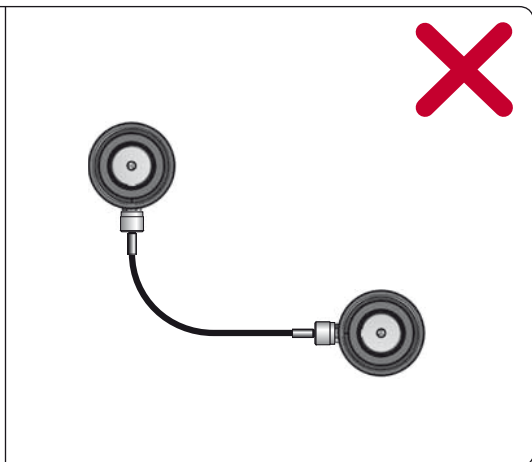
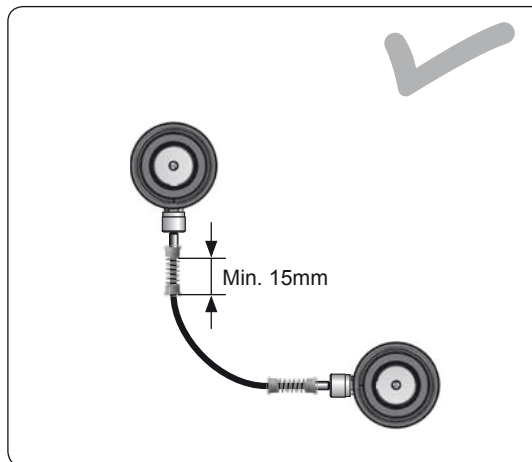
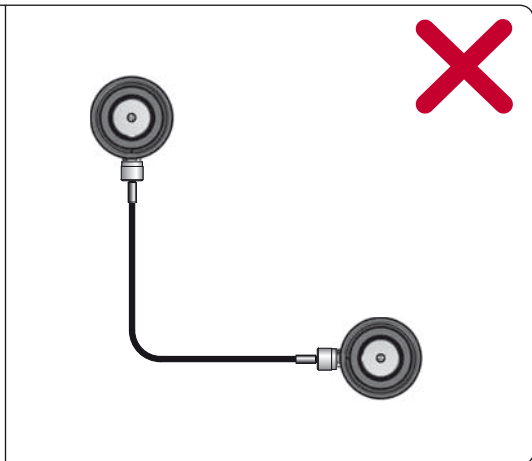
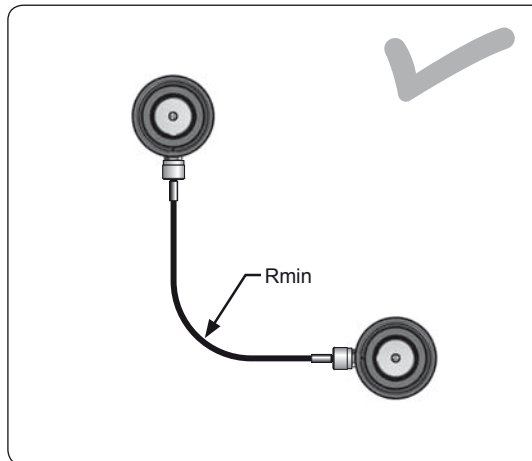
- |     |                   |
|-----|-------------------|
| 1.- | AG (x4)           |
| 2.- | SKK 12R 1/8 (x8)  |
| 3.- | SGS 12 XXXX (x4)  |
| 4.- | 400-CPFG4 01 (x1) |

# HOSE INSTALLATION GUIDELINES





# HOSE INSTALLATION GUIDELINES

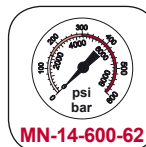
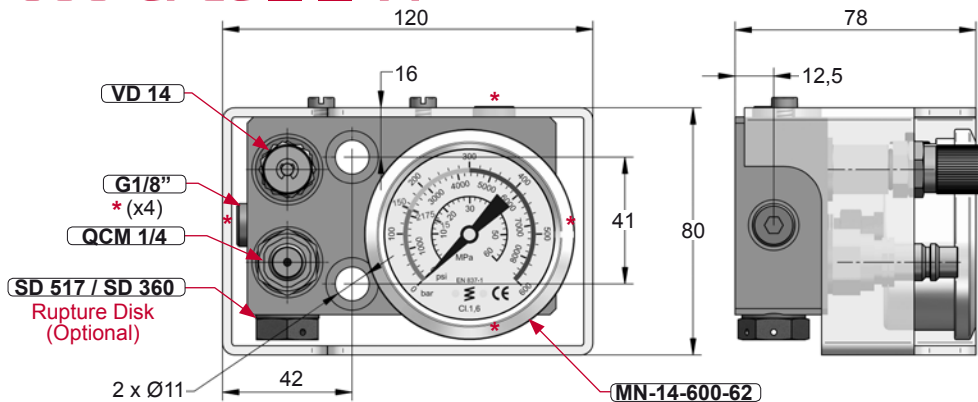


# CONTROL PANELS



Accessories

## 600-CPLC \_\_ V1



ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO



600-CPLC 01 V1

600-CPLC 02 V1

600-CPLC 03 V1

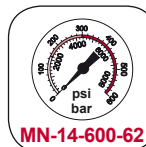
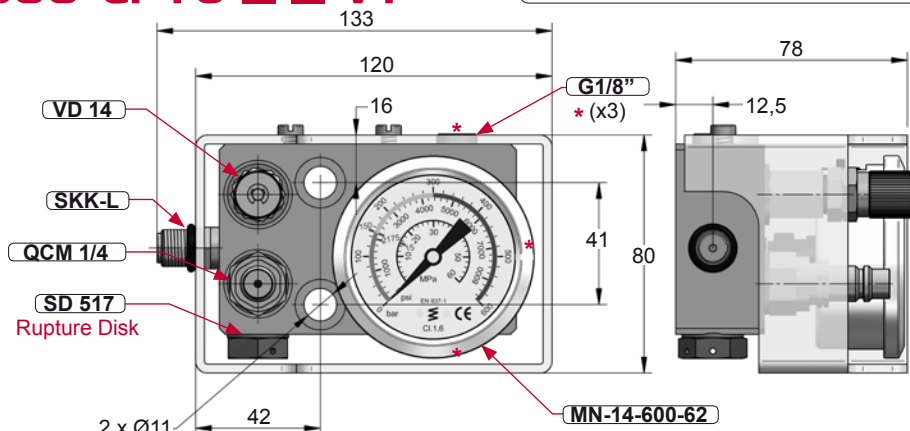
bar	psi
600	8000

bar	psi
517	7500

bar	psi
360	5220

## 600-CPTO \_\_ V1

TOYOTA SMS DHN 3211n



ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO



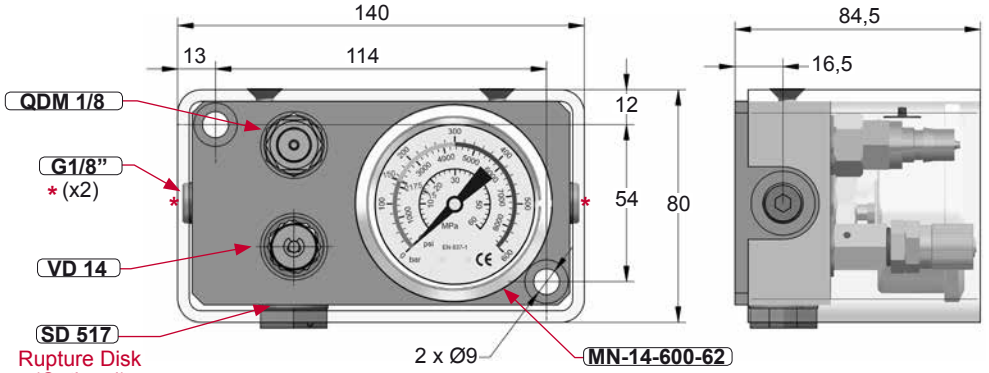
600-CPTO 01 V1

bar	psi
600	8000

bar	psi
517	7500

## 600-CPFI \_ \_

FIAT A0.14.01



bar	psi
600	8000

bar	psi
517	7500

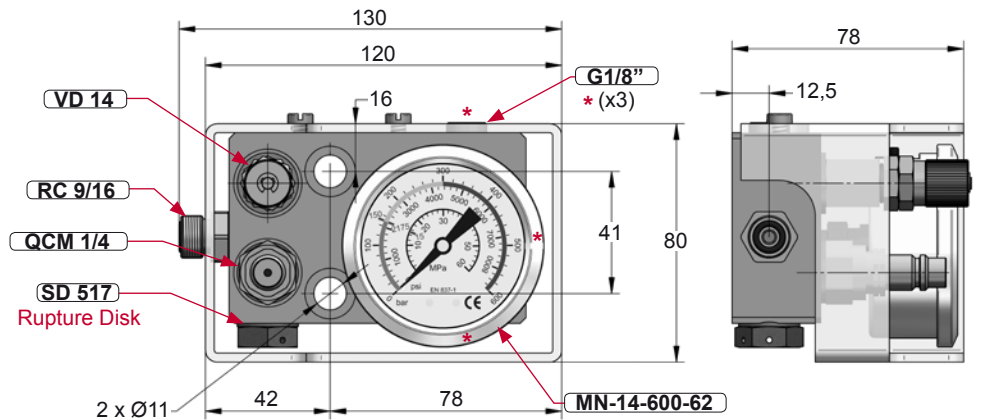
	ENG ORDER		
	DEU BESTELL		
	FRA COMMANDE		
	ITA ORDINE		
	ESP PEDIDO		
POR PEDIDO			

**600-CPFI 01**

**600-CPFI 02**

## 600-CPFO \_ \_ V1

FORD W-DX-35-72



bar	psi
600	8000

bar	psi
517	7500

	ENG ORDER		
	DEU BESTELL		
	FRA COMMANDE		
	ITA ORDINE		
	ESP PEDIDO		
POR PEDIDO			

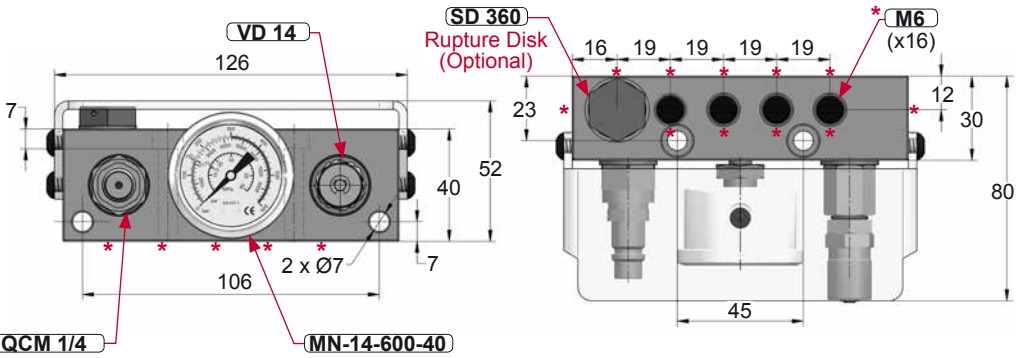
**600-CPFO 01 V1**

# CONTROL PANELS



Accessories

## 600-CPM6 \_ \_



bar psi  
600 8000

bar psi  
360 5220

	ENG ORDER		
	DEU BESTELL		
	FRA COMMANDE		
	ITA ORDINE		
	ESP PEDIDO		
POR PEDIDO			

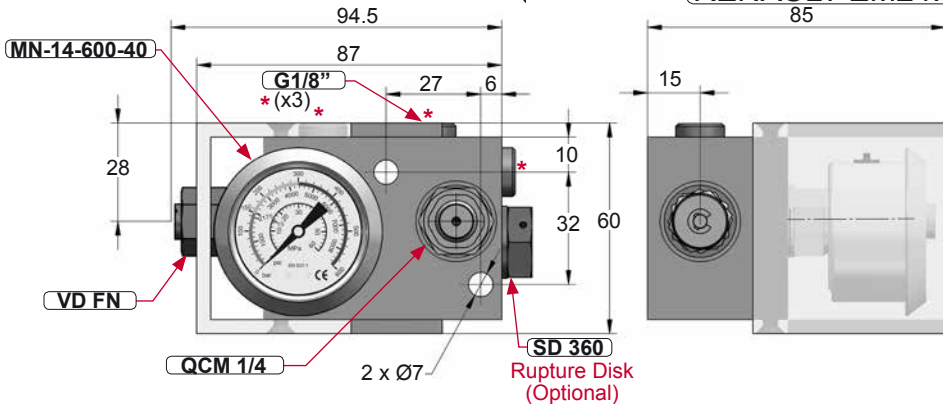
**600-CPM6 01**

**600-CPM6 02**

## 600-CPGM \_ \_ V1 *New!*

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			

**600-CPGM 03 V1**

**600-CPGM 04 V1**

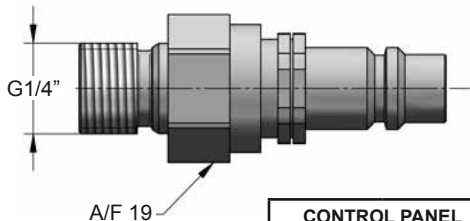


# CONTROL PANELS



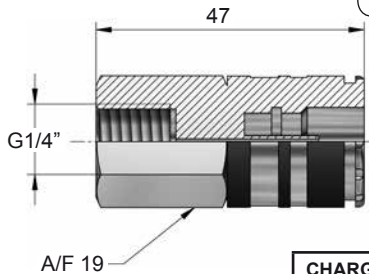
Accessories

## QCM 1/4



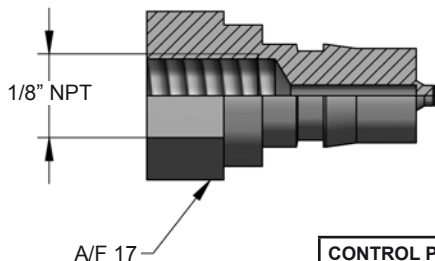
CONTROL PANEL	
600-CPLC	600-CPM6
600-CPTO	600-CPGM
600-CPFO	400-CPFG

## QCF 1/4



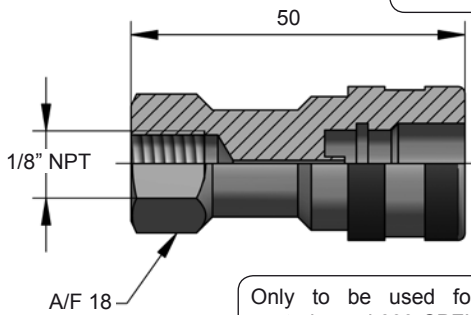
CHARGING UNIT	
EC 37	
EC 38	
EC 39	

## QDM 1/8



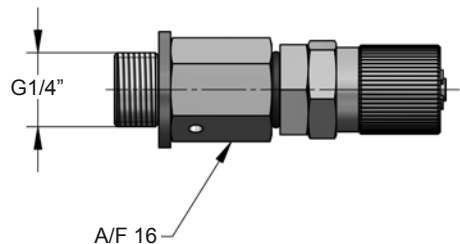
CONTROL PANEL	
600-CPFI	

## QDF 1/8

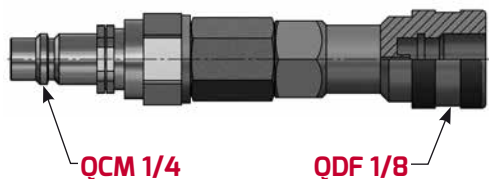


Only to be used for control panel 600-CPFI

## VD 14

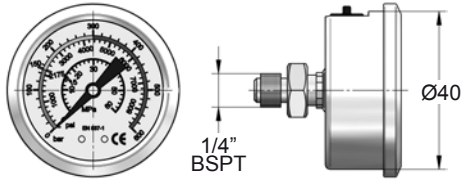


## QDF 1/8-Q

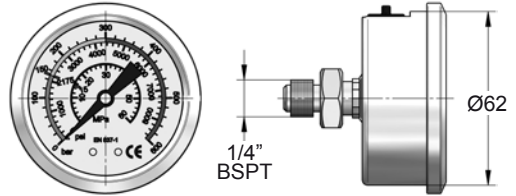


Only to be used for control panel 600-CPFI

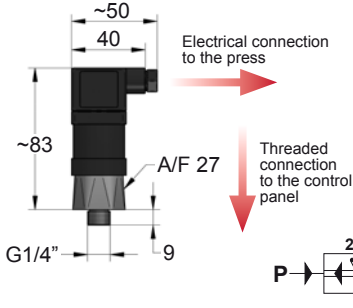
## MN-14-600-40



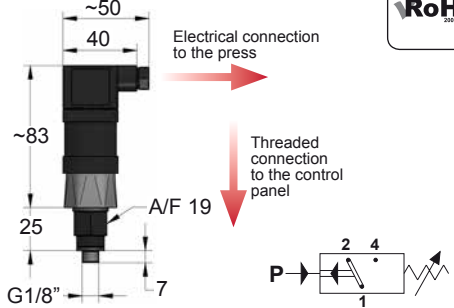
## MN-14-600-62



## SPS 1/4



## SPS 1/8



### HOW TO ORDER

### HOW TO ORDER



**SPS 1/4**

**SPS 1/4**



**SPS 1/8**

**SPS 1/8**

## TECHNICAL DATA

<b>Range:</b>	50 - 200 bar.
<b>Tolerance:</b>	±5 bar a 20 °C.
<b>Thread:</b>	G1/4" y G1/8"
<b>Tension:</b>	Max. 250 V.
<b>Safety over-pressure:</b>	300 bar.
<b>Working temperature:</b>	-25 °C to +50 °C.

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

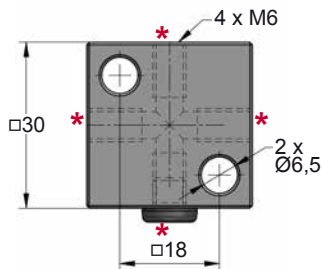
- Compact design.
- Allows automatic control of piping circuits.
- Alert previously avoiding the production of defective parts.
- Increased efficiency in production.

# DISTRIBUTION BLOCKS

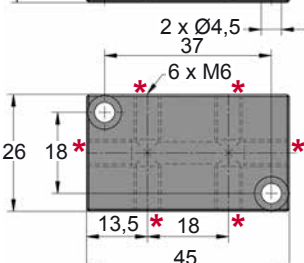
**AZOL**  
**GAS**


Accessories

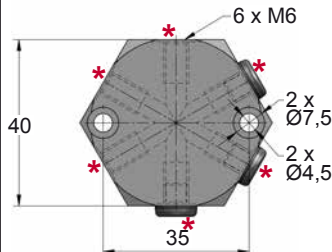
## PLC M6

**4 Ports**  
**M6**


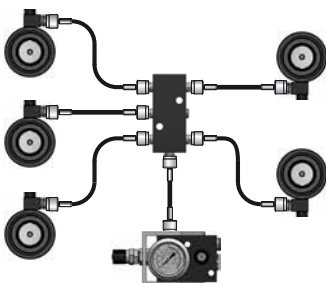
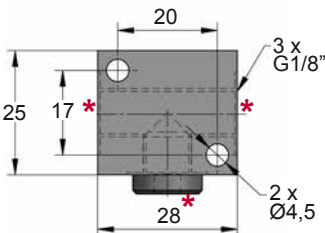
## PLR M6

**6 Ports**  
**M6**


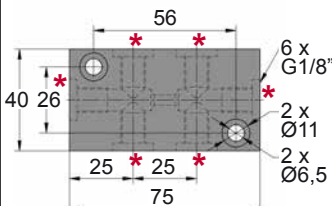
## PLH M6

**6 Ports**  
**M6**


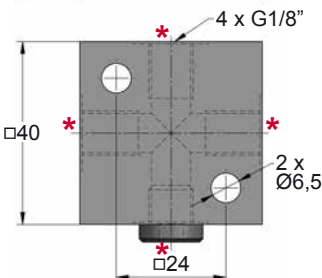
## PLD 2

**3 Ports**  
**G1/8"**


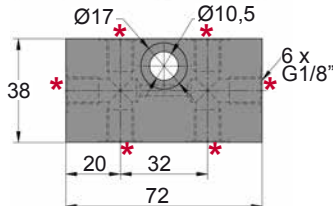
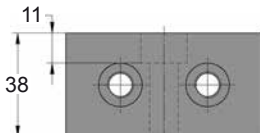
## PLF 4

**6 Ports**  
**G1/8"**


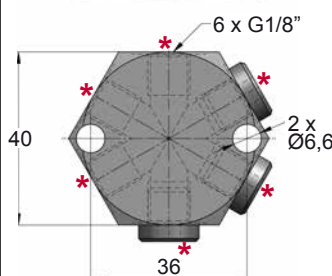
## PLF 2

**4 Ports**  
**G1/8"**


## PLD 4

**6 Ports**  
**G1/8"**


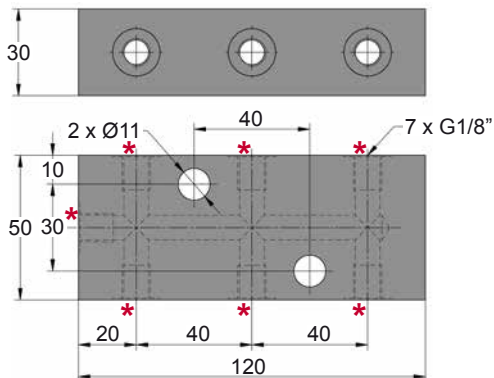
## PLH 1/8

**6 Ports**  
**G1/8"**




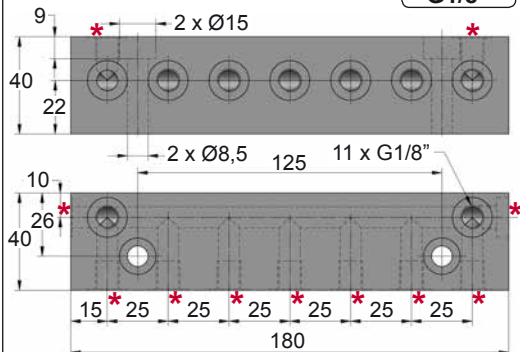
## PLD 6

**7 Ports**  
**\* G1/8"**



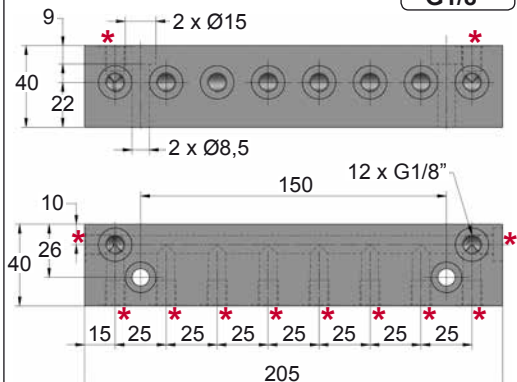
## PLD 7

**11 Ports**  
**\* G1/8"**



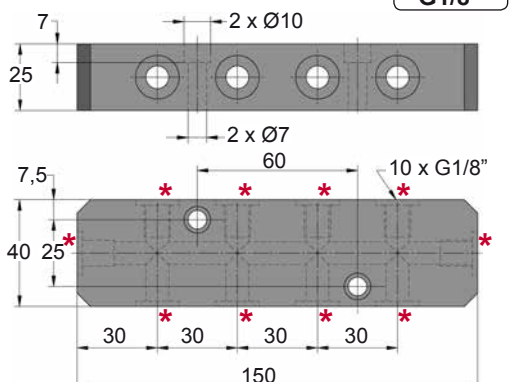
## PLD 8

**12 Ports**  
**\* G1/8"**



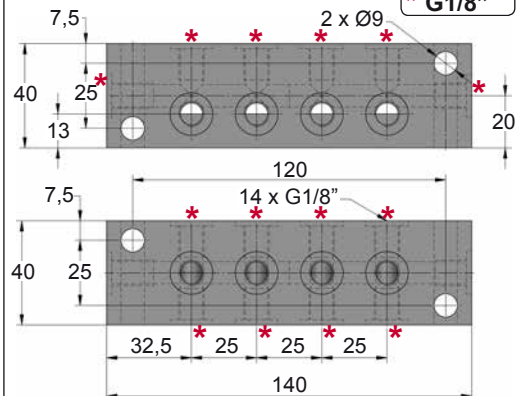
## PLF 8

**10 Ports**  
**\* G1/8"**



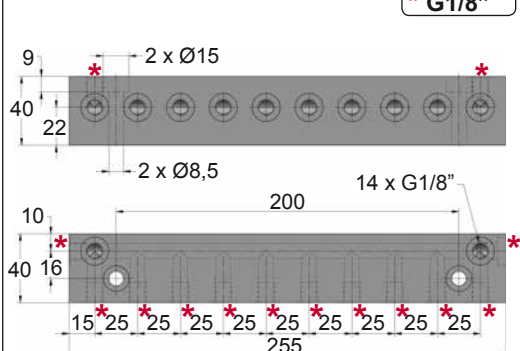
## PLK 8

**14 Ports**  
**\* G1/8"**



## PLD 10

**14 Ports**  
**\* G1/8"**

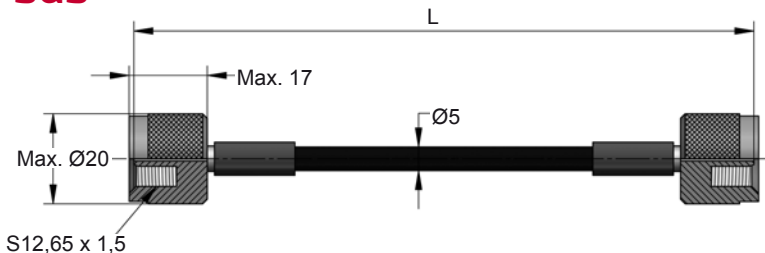


# G1/8" MINIMESS (Ø5)

**AZOL  
GAS**

Accessories

## SGS



S12,65 x 1,5

ORDER	L <sub>-0</sub> <sup>+5</sup> (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

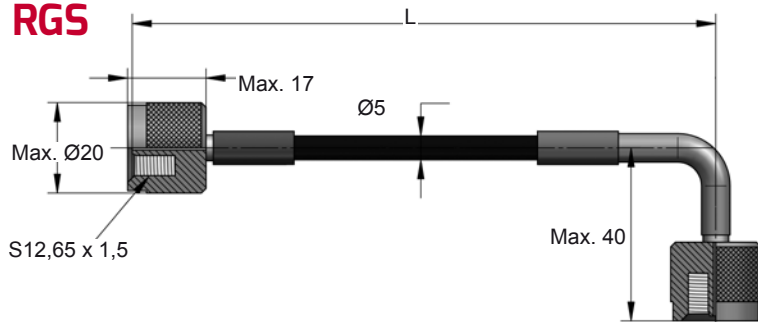
EM.24.54.700

90.25

W-DX35-72

SMS DNH 3217n

## RGS



S12,65 x 1,5

ORDER	L <sub>-0</sub> <sup>+5</sup> (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

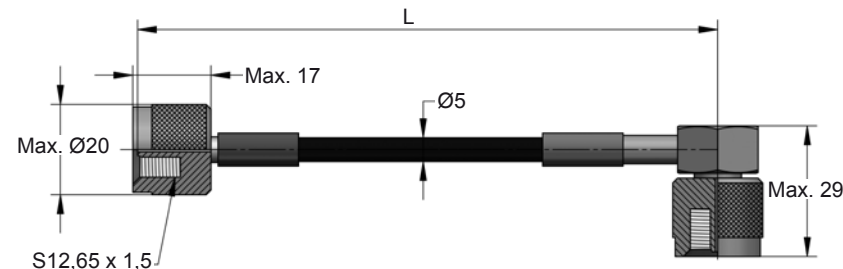


RGS 200



RGS 200 G

## PGS



S12,65 x 1,5

ORDER	L <sub>-0</sub> <sup>+5</sup> (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

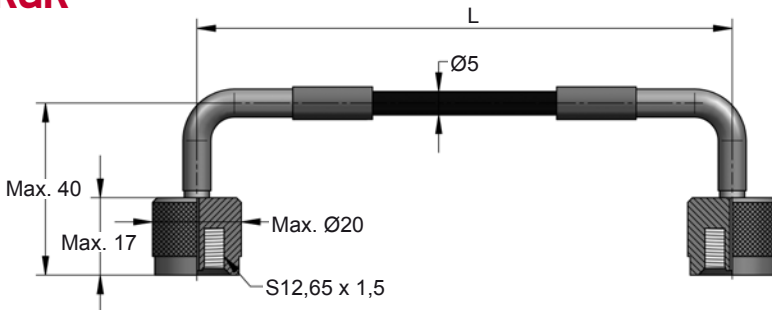
EM.24.54.700

90.25

W-DX35-72

SMS DNH 3217n

## RGR



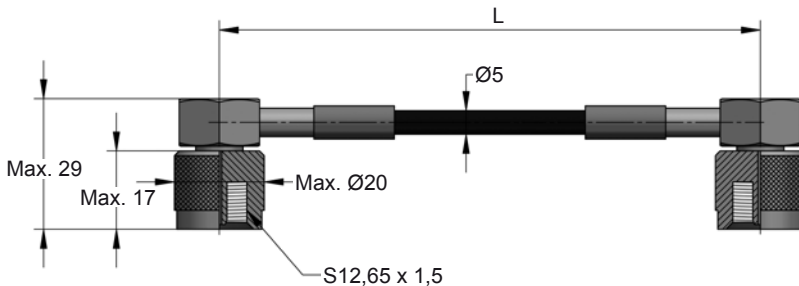
ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
RGR 200	200
RGR 300	300
RGR 400	400
RGR 500	500
RGR 630	630
RGR 800	800
RGR 1000	1000
RGR 1200	1200
RGR 1250	1250
RGR 1500	1500
RGR 2000	2000
RGR 2500	2500
RGR 3000	3000



ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO



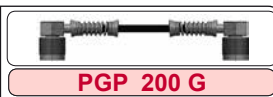
## PGP



ORDER	L <sup>+5</sup> <sub>-0</sub> (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

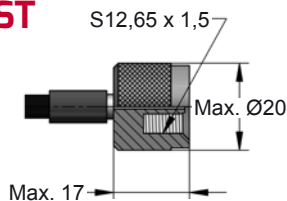


ENG ORDER  
DEU BESTELL  
FRA COMMANDE  
ITA ORDINE  
ESP PEDIDO  
POR PEDIDO

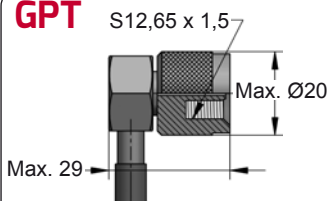


EM.24.54.700  
90.25  
W-DX35-72  
SMS DNH 3217n

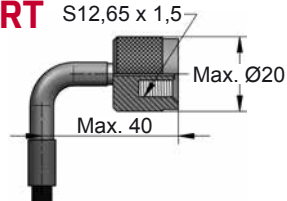
## GST



## GPT



## GRT



## GF 02

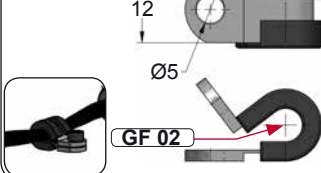


**Pmax**  
630 bar

**Tmax**  
100 °C

**Rmin**  
20 mm

## RBP 5



## CM 1/8

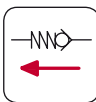
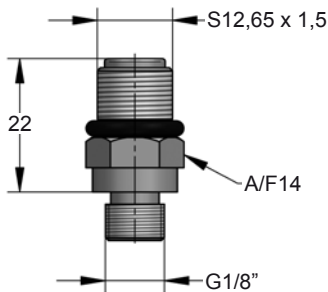


# G1/8" MINIMESS (Ø5)

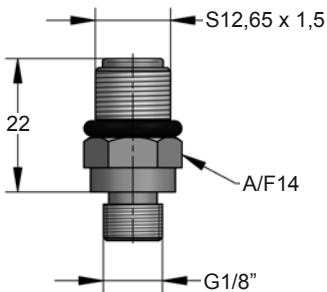


Accessories

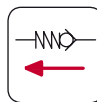
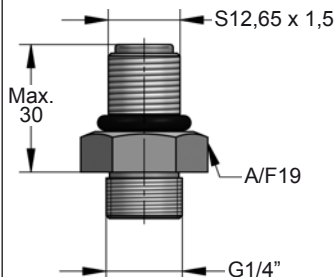
## SKK 12R 1/8



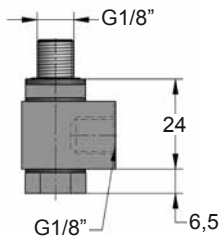
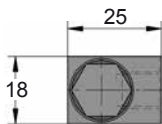
## SKK L



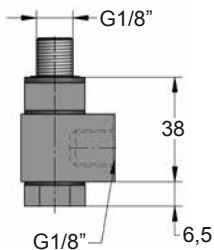
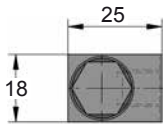
## SKK 12R 1/4



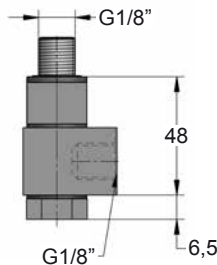
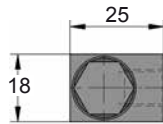
## CF 01 24



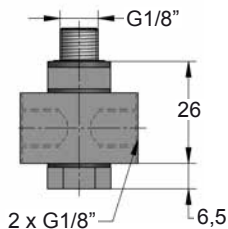
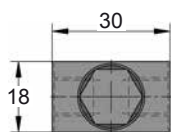
## CF 01 38



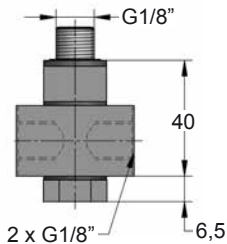
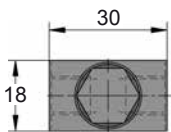
## CF 01 48



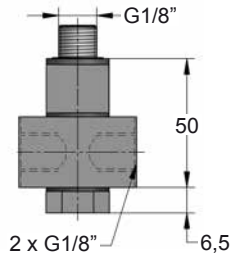
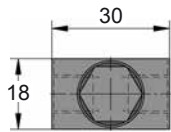
## CF 02 26



## CF 02 40



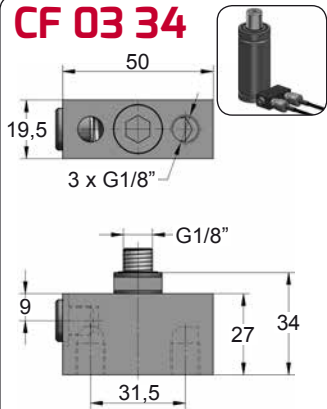
## CF 02 50



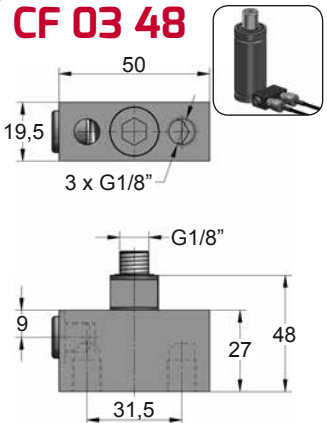
# G1/8" MINIMESS (Ø5)

Accessories

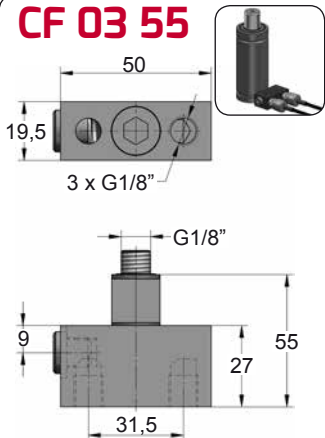
## CF 03 34



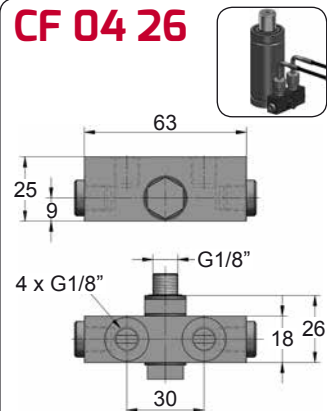
## CF 03 48



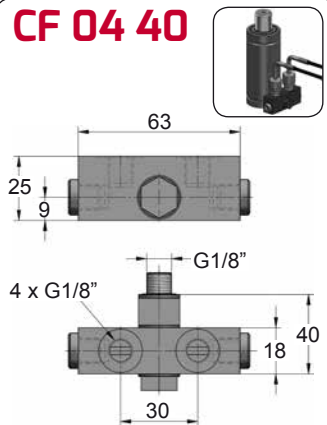
## CF 03 55



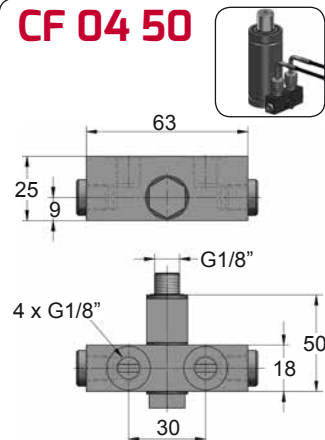
## CF 04 26



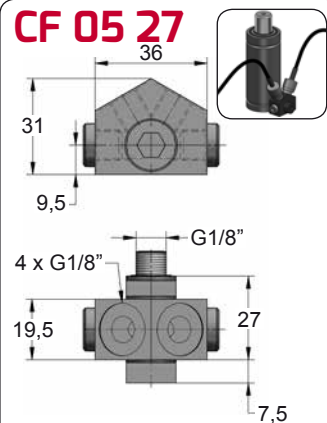
## CF 04 40



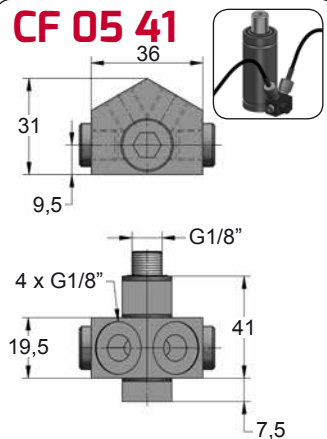
## CF 04 50



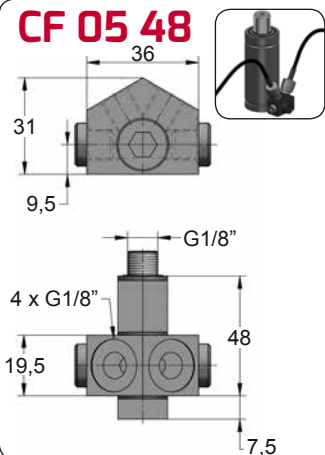
## CF 05 27



## CF 05 41



## CF 05 48

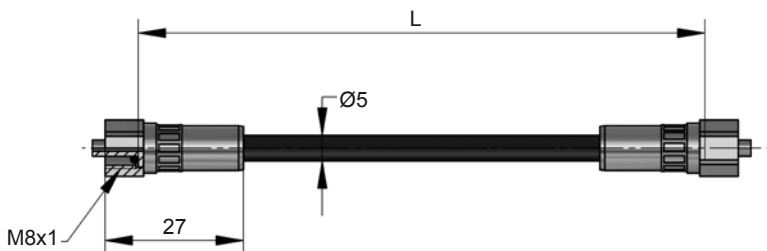


# M8 x 1 (Ø5)

Accessories



## BK



ORDER	L <sup>+5</sup> <sub>-0</sub> (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

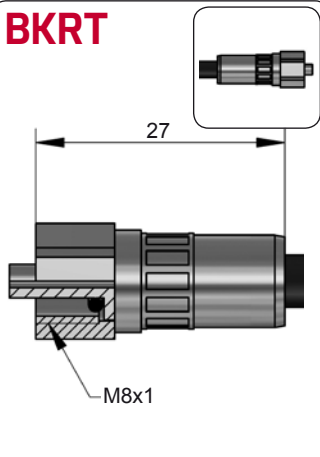


**BK 200**

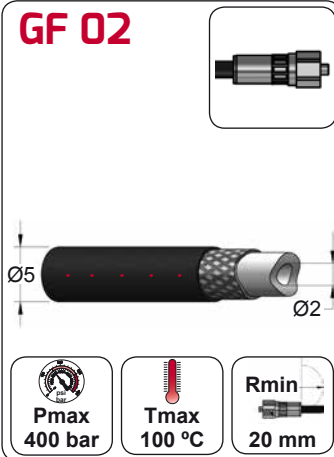


**BK 200 G**

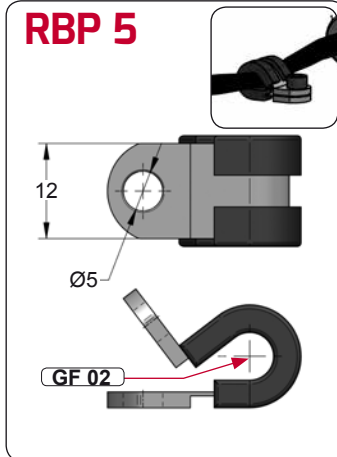
## BKRT



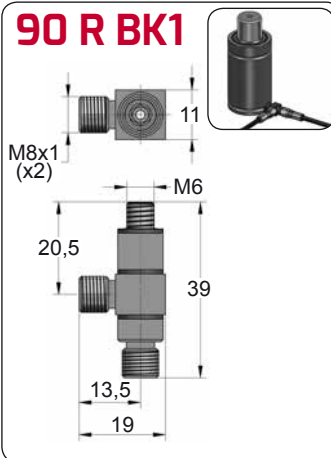
## GF 02



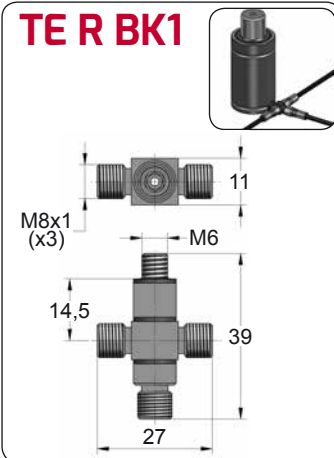
## RBP 5



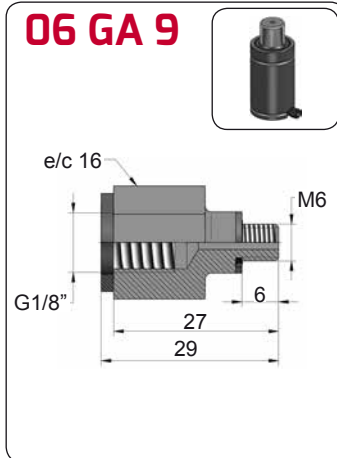
## 90 R BK1



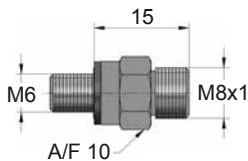
## TE R BK1



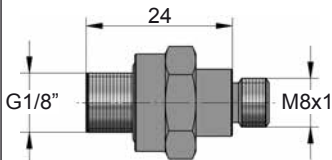
## 06 GA 9



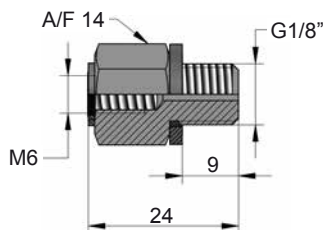
## KRM6



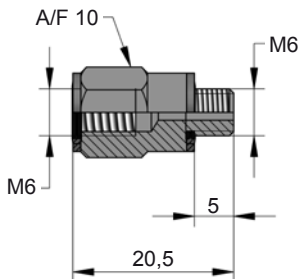
## KRM8



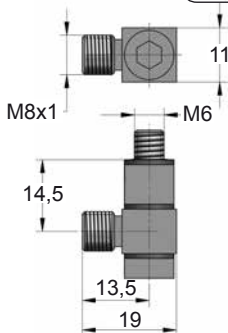
## 18 MS 1



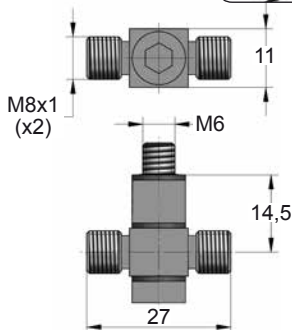
## 06 MS 3



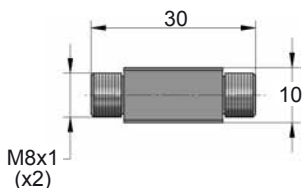
## 90 BK1



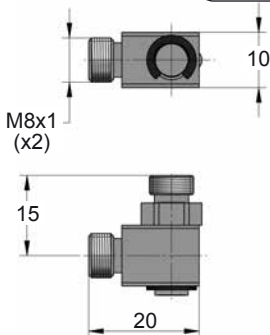
## TE BK1



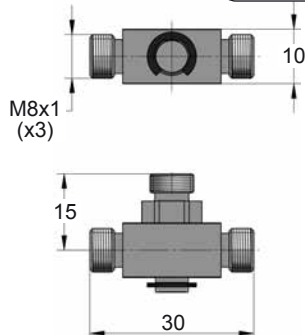
## KRMK



## KCMK



## KTMK

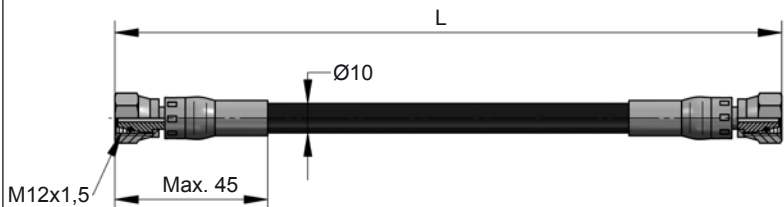


# M12 x 1,5 (Ø10)

**AZOL  
GAS**

Accessories

## TNRR



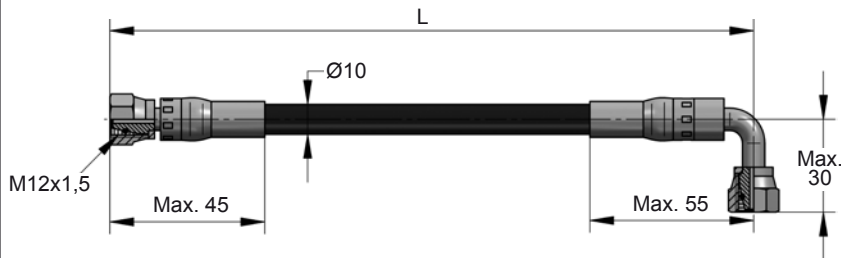
ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
TNRR 200	200
TNRR 300	300
TNRR 400	400
TNRR 500	500
TNRR 630	630
TNRR 800	800
TNRR 1000	1000
TNRR 1200	1200
TNRR 1250	1250
TNRR 1500	1500
TNRR 2000	2000
TNRR 2500	2500
TNRR 3000	3000



ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO


**TNRR 200**

## TNRL



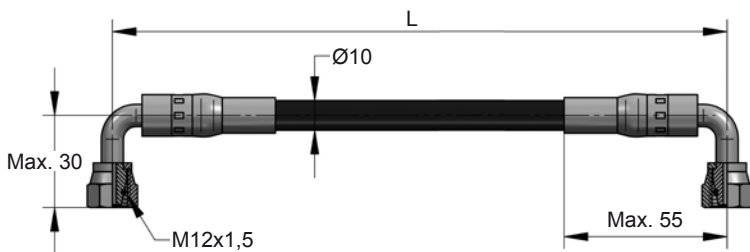
ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
TNRL 200	200
TNRL 300	300
TNRL 400	400
TNRL 500	500
TNRL 630	630
TNRL 800	800
TNRL 1000	1000
TNRL 1200	1200
TNRL 1250	1250
TNRL 1500	1500
TNRL 2000	2000
TNRL 2500	2500
TNRL 3000	3000



ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO


**TNRL 200**

## TNLL



ORDER	L <sup>+5</sup> <sub>-0</sub> (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

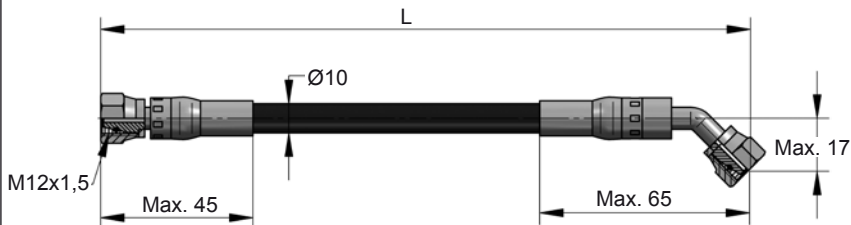


ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO


**TNLL 200**



## TNRC

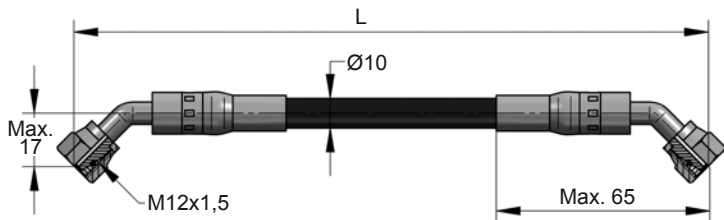


ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
TNRC 200	200
TNRC 300	300
TNRC 400	400
TNRC 500	500
TNRC 630	630
TNRC 800	800
TNRC 1000	1000
TNRC 1200	1200
TNRC 1250	1250
TNRC 1500	1500
TNRC 2000	2000
TNRC 2500	2500
TNRC 3000	3000

	ENG ORDER
	DEU BESTELL
	FRA COMMANDE
	ITA ORDINE
	ESP PEDIDO
POR PEDIDO	



## TNCC

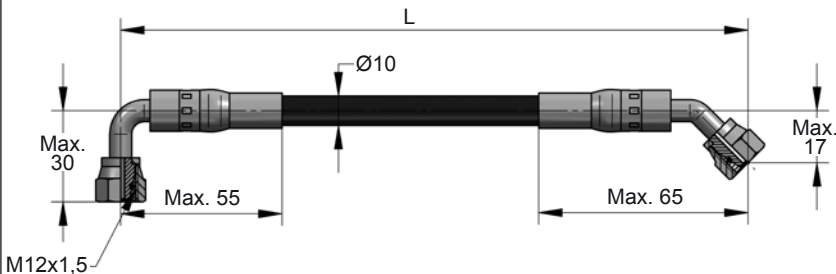


ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
TNCC 200	200
TNCC 300	300
TNCC 400	400
TNCC 500	500
TNCC 630	630
TNCC 800	800
TNCC 1000	1000
TNCC 1200	1200
TNCC 1250	1250
TNCC 1500	1500
TNCC 2000	2000
TNCC 2500	2500
TNCC 3000	3000

	ENG ORDER
	DEU BESTELL
	FRA COMMANDE
	ITA ORDINE
	ESP PEDIDO
POR PEDIDO	



## TNLC



ORDER	L <sup>+5</sup> <sub>-0</sub> (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	

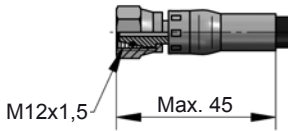


# M12 x 1,5 (Ø10)

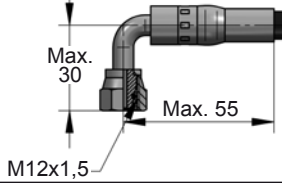


## Accessories

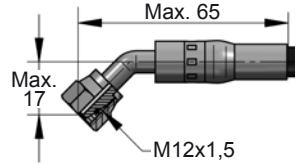
### TNRT



### TNLT



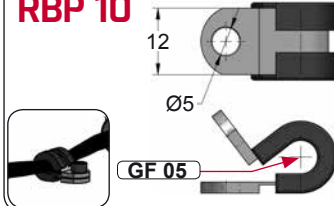
### TNCT



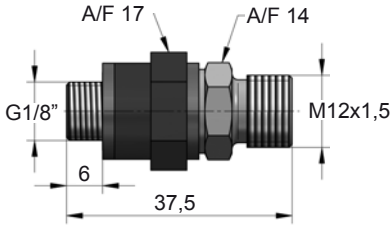
### GF 05



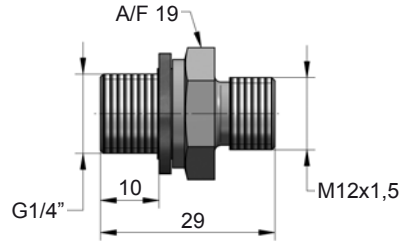
### RBP 10



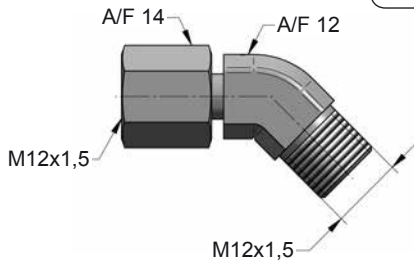
### DRM8



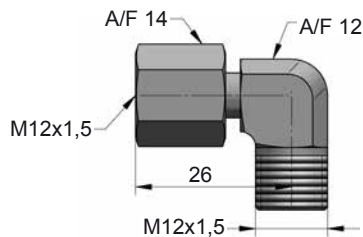
### DRM4



### DLFD



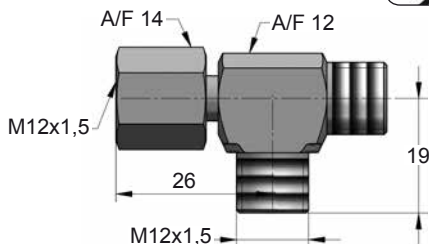
### DCFD



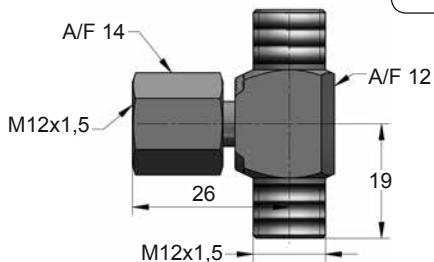
# M12 x 1,5 (Ø10)

Accessories

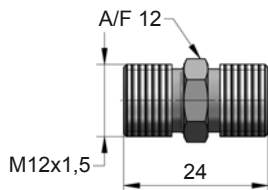
## DWFD



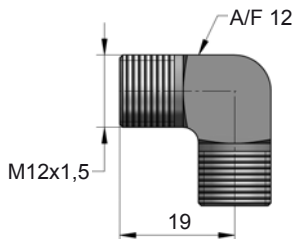
## DTFD



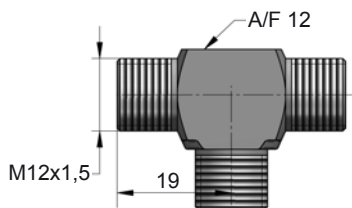
## DIMD



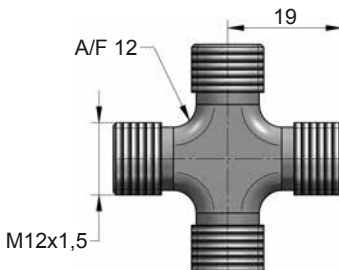
## DCMD



## DTMD



## DXMD

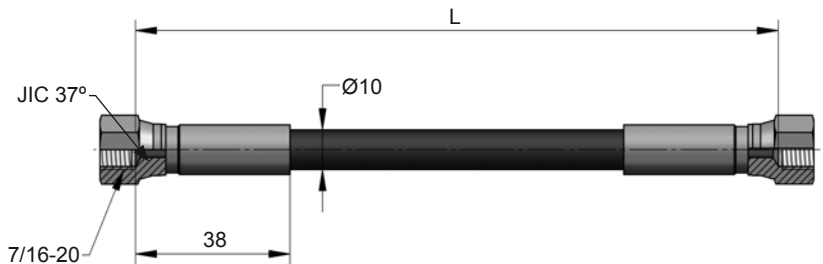


# 7/16" UNF (Ø10)

**AZOL**  
**GAS**

Accessories

## TFRR



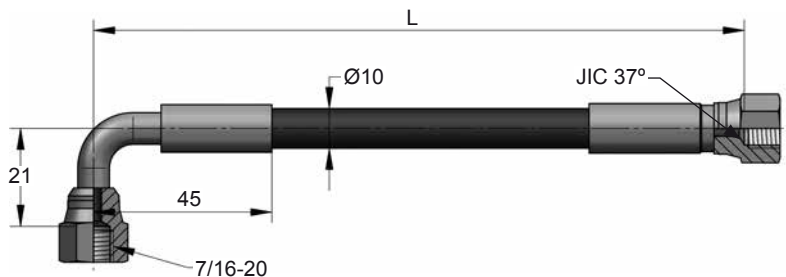
ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
TFRR 200	200
TFRR 300	300
TFRR 400	400
TFRR 500	500
TFRR 630	630
TFRR 800	800
TFRR 1000	1000
TFRR 1200	1200
TFRR 1250	1250
TFRR 1500	1500
TFRR 2000	2000
TFRR 2500	2500
TFRR 3000	3000



ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO


**TFRR 200**

## TFRL



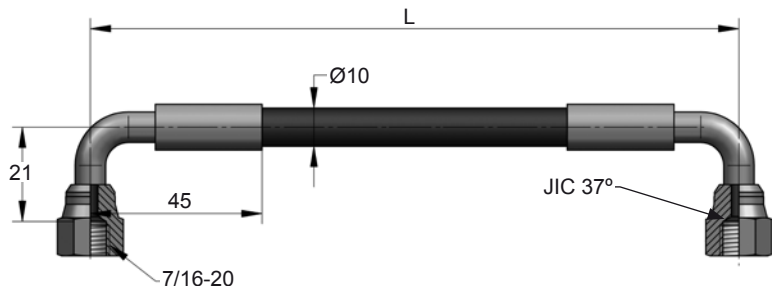
ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
TFRL 200	200
TFRL 300	300
TFRL 400	400
TFRL 500	500
TFRL 630	630
TFRL 800	800
TFRL 1000	1000
TFRL 1200	1200
TFRL 1250	1250
TFRL 1500	1500
TFRL 2000	2000
TFRL 2500	2500
TFRL 3000	3000



ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO


**TFRL 200**

## TFLL



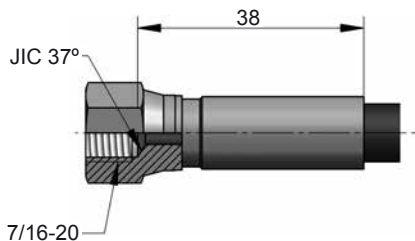
ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
TFLL 200	200
TFLL 300	300
TFLL 400	400
TFLL 500	500
TFLL 630	630
TFLL 800	800
TFLL 1000	1000
TFLL 1200	1200
TFLL 1250	1250
TFLL 1500	1500
TFLL 2000	2000
TFLL 2500	2500
TFLL 3000	3000



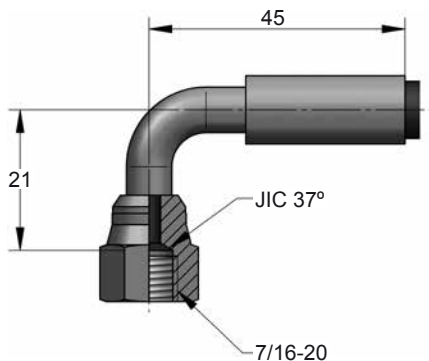
ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO


**TFLL 200**

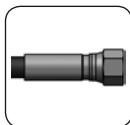
## TFRT



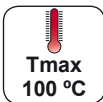
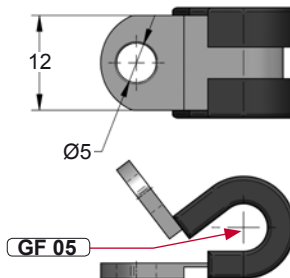
## TFLT



## GF 05



## RBP 10

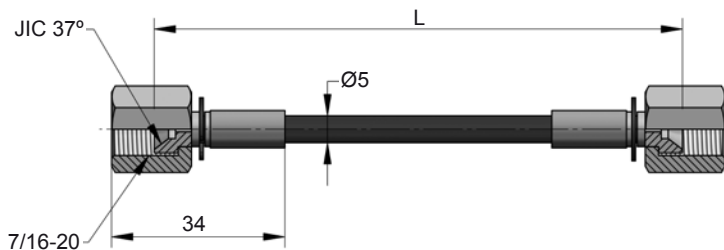


# 7/16" UNF (Ø5)

Accessories

**AZOL**  
**GAS**

## SMRR



ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
<b>SMRR 200</b>	200
<b>SMRR 300</b>	300
<b>SMRR 400</b>	400
<b>SMRR 500</b>	500
<b>SMRR 630</b>	630
<b>SMRR 800</b>	800
<b>SMRR 1000</b>	1000
<b>SMRR 1200</b>	1200
<b>SMRR 1250</b>	1250
<b>SMRR 1500</b>	1500
<b>SMRR 2000</b>	2000
<b>SMRR 2500</b>	2500
<b>SMRR 3000</b>	3000



ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO

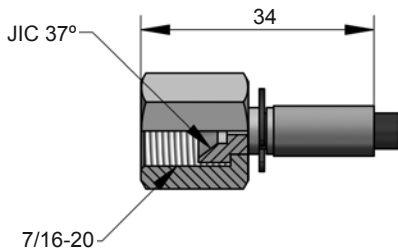


**SMRR 200**

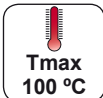
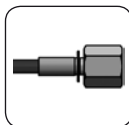


**SMRR 200 G**

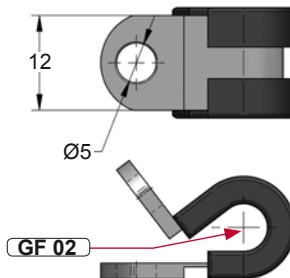
## SMRT



## GF 02



## RBP 5

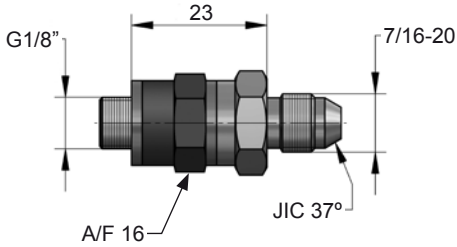


# 7/16" UNF (Ø5/Ø10)

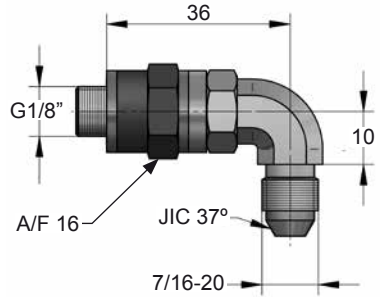
Accessories

**AZOL  
GAS** 

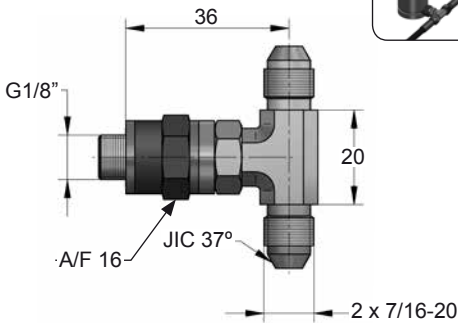
## 7RM8



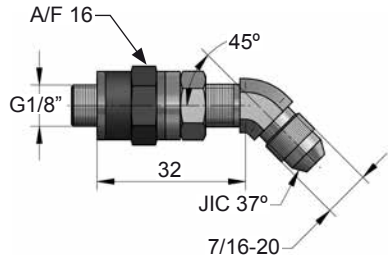
## 7CM8



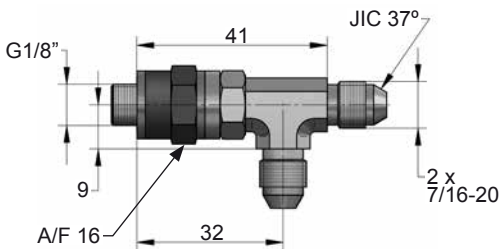
## 7EM8



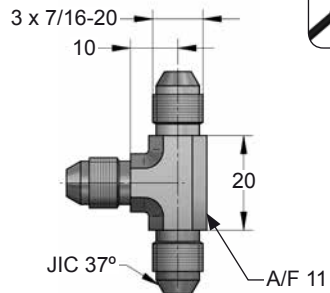
## 7LM8



## 7TL8



## 7TM7

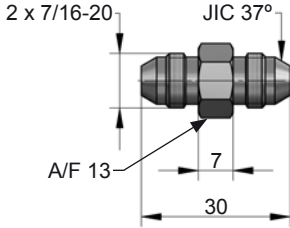




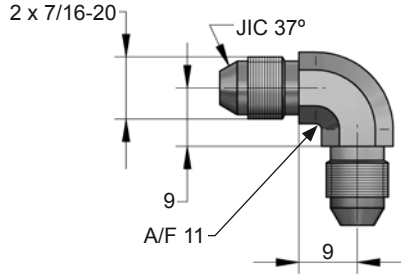
# 7/16" UNF (Ø5/Ø10)

Accessories

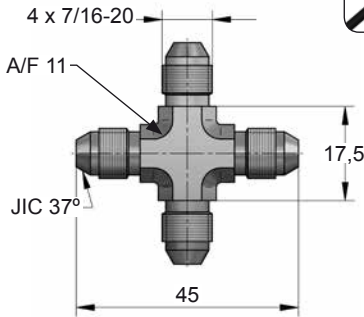
## 7IM7



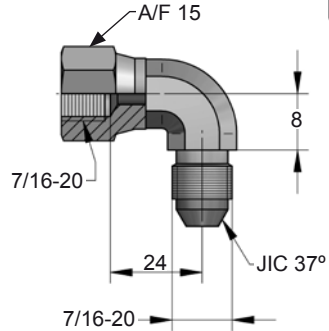
## 7NM7



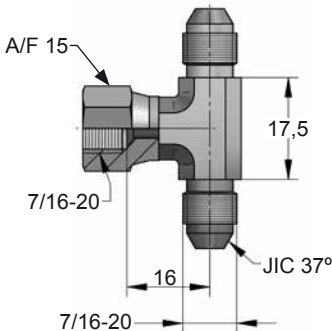
## 7XM7



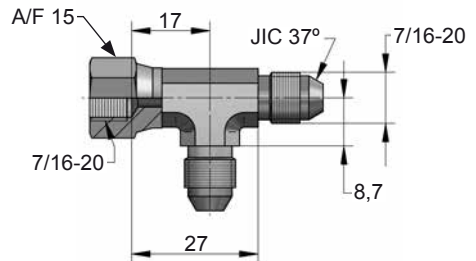
## 7CF7



## 7TF7



## 7WF7

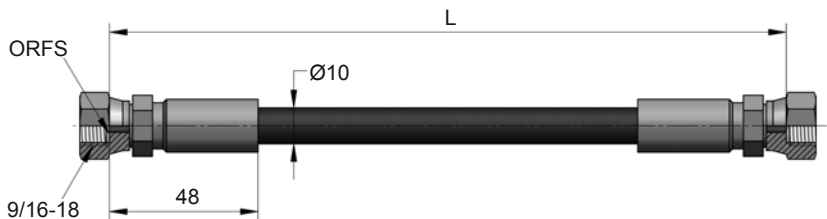


# 9/16" UNF (Ø10)

Accessories

**AZOL**  
**GAS**

## MCRR



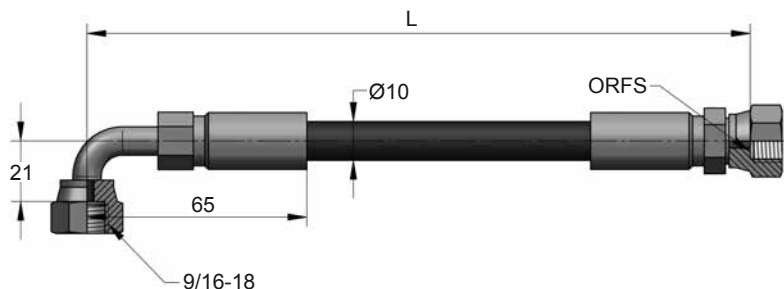
ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
MCRR 200	200
MCRR 300	300
MCRR 400	400
MCRR 500	500
MCRR 630	630
MCRR 800	800
MCRR 1000	1000
MCRR 1200	1200
MCRR 1250	1250
MCRR 1500	1500
MCRR 2000	2000



ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO


**MCRR 200**

## MCRL



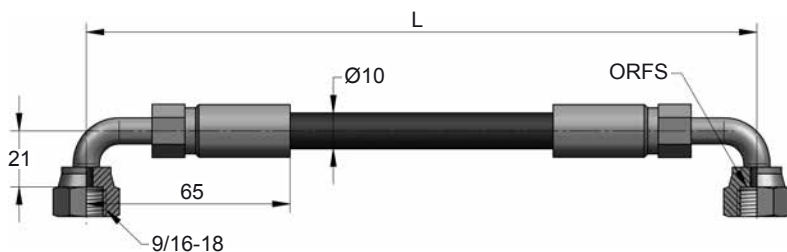
ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
MCRL 200	200
MCRL 300	300
MCRL 400	400
MCRL 500	500
MCRL 630	630
MCRL 800	800
MCRL 1000	1000
MCRL 1200	1200
MCRL 1250	1250
MCRL 1500	1500
MCRL 2000	2000
MCRL 2500	2500
MCRL 3000	3000



ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO


**MCRL 200**

## MCLL



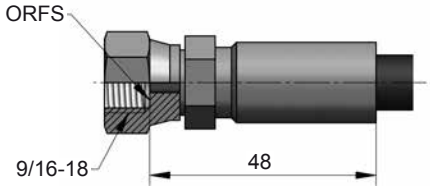
ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
MCLL 200	200
MCLL 300	300
MCLL 400	400
MCLL 500	500
MCLL 630	630
MCLL 800	800
MCLL 1000	1000
MCLL 1200	1200
MCLL 1250	1250
MCLL 1500	1500
MCLL 2000	2000
MCLL 2500	2500
MCLL 3000	3000



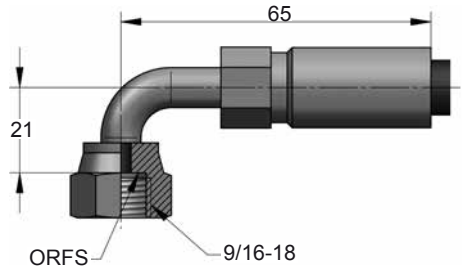
ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO


**MCLL 200**

## MCRT



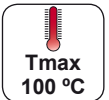
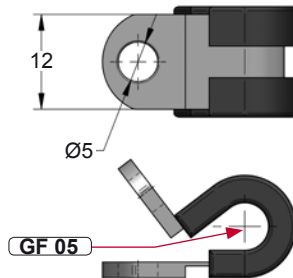
## MCLT



## GF 05



## RBP 10

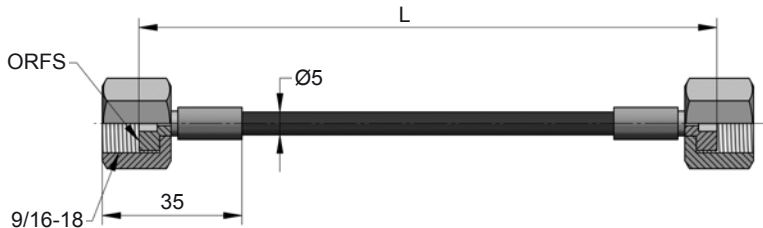


# 9/16" UNF (Ø5)



Accessories

## GTRR

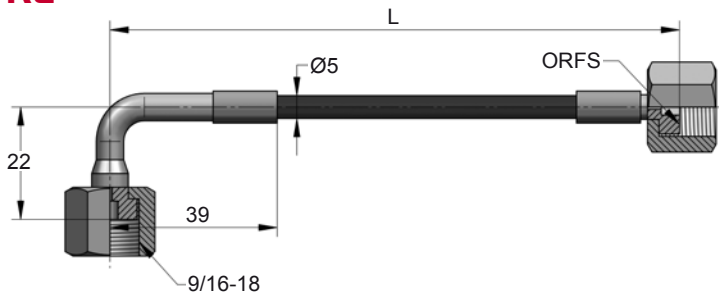


ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
GTRR 200	200
GTRR 300	300
GTRR 400	400
GTRR 500	500
GTRR 630	630
GTRR 800	800
GTRR 1000	1000
GTRR 1200	1200
GTRR 1250	1250
GTRR 1500	1500
GTRR 2000	2000

	ENG ORDER
	DEU BESTELL
	FRA COMMANDE
	ITA ORDINE
	ESP PEDIDO
POR PEDIDO	



## GTRL

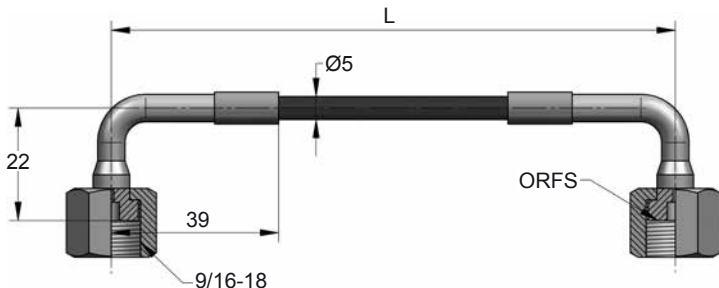


ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
GTRL 200	200
GTRL 300	300
GTRL 400	400
GTRL 500	500
GTRL 630	630
GTRL 800	800
GTRL 1000	1000
GTRL 1200	1200
GTRL 1250	1250
GTRL 1500	1500
GTRL 2000	2000
GTRL 2500	2500
GTRL 3000	3000

	ENG ORDER
	DEU BESTELL
	FRA COMMANDE
	ITA ORDINE
	ESP PEDIDO
POR PEDIDO	



## GTLL

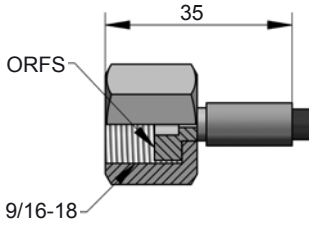


ORDER	L <sup>+5</sup> <sub>-0</sub> (mm)
GTLL 200	200
GTLL 300	300
GTLL 400	400
GTLL 500	500
GTLL 630	630
GTLL 800	800
GTLL 1000	1000
GTLL 1200	1200
GTLL 1250	1250
GTLL 1500	1500
GTLL 2000	2000
GTLL 2500	2500
GTLL 3000	3000

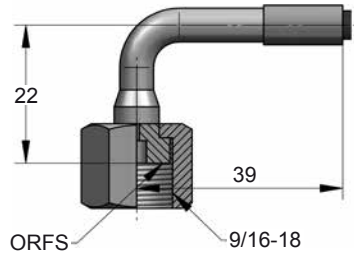
	ENG ORDER
	DEU BESTELL
	FRA COMMANDE
	ITA ORDINE
	ESP PEDIDO
POR PEDIDO	



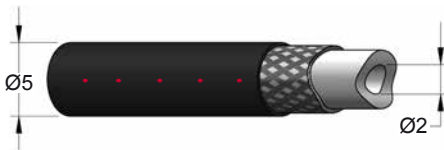
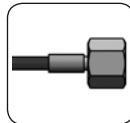
## GTRT



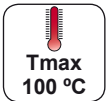
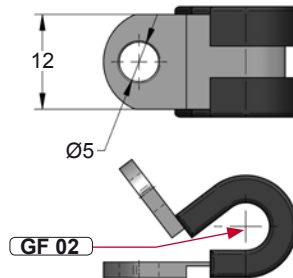
## GTLT



## GF 02



## RBP 5

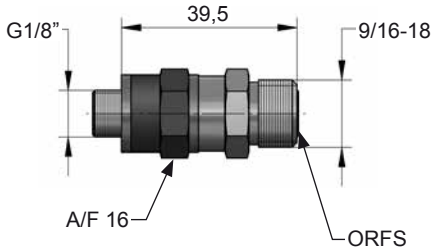


# 9/16" UNF (Ø5/Ø10)

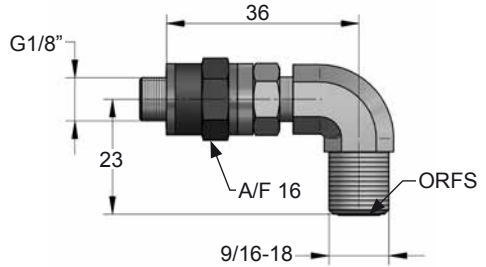


Accessories

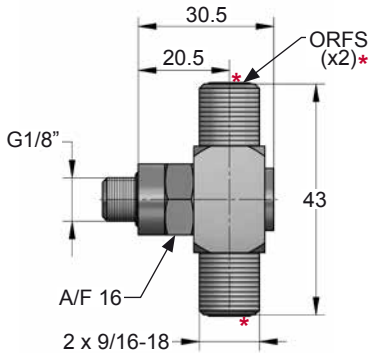
## 9RM8



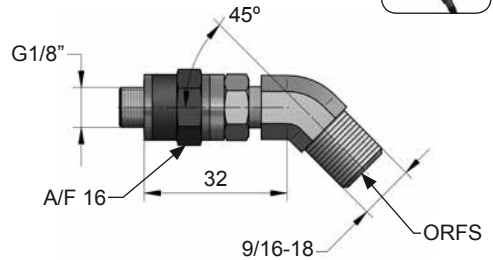
## 9CM8



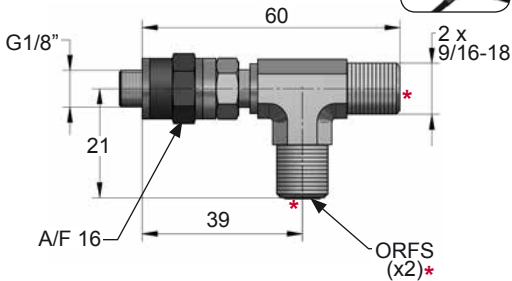
## 9EM8



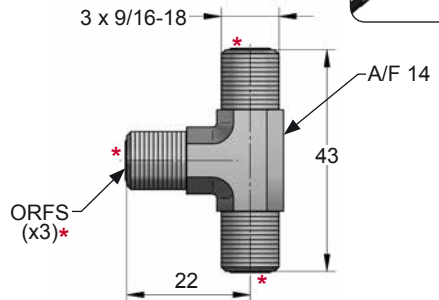
## 9LM8



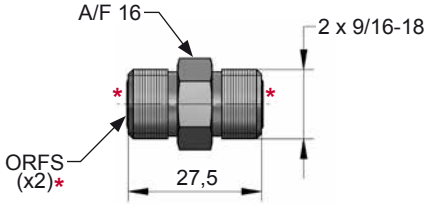
## 9TL8



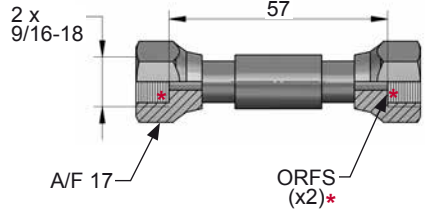
## 9TM9



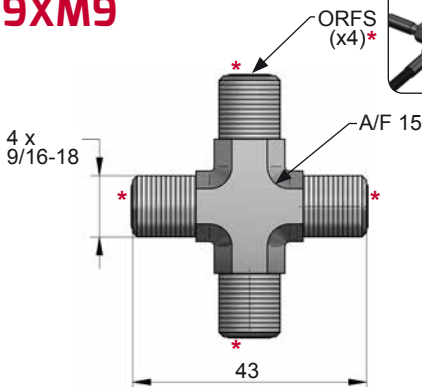
## 9IM9



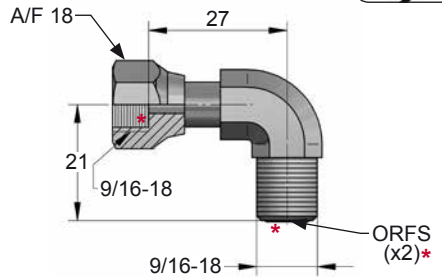
## 9SR9



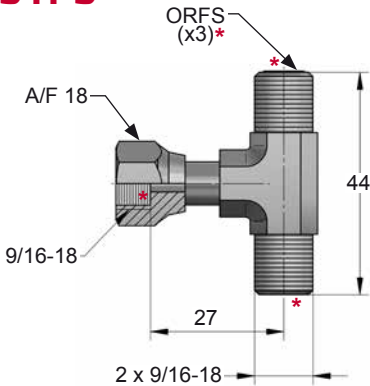
## 9XM9



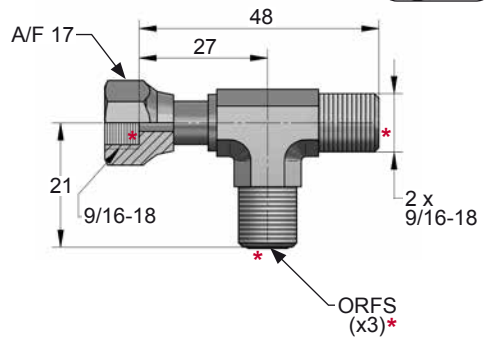
## 9CF9



## 9TF9



## 9WF9

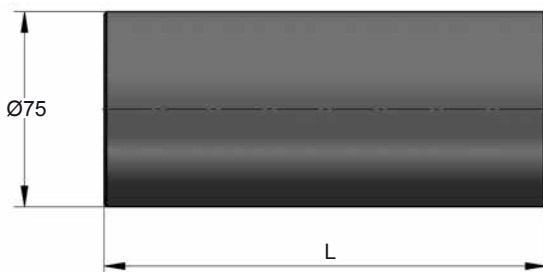
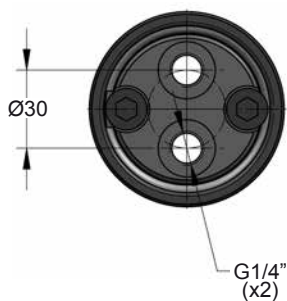


# COMPENSATION TANKS



**AZOL  
GAS**


Accessories

## DFC 75

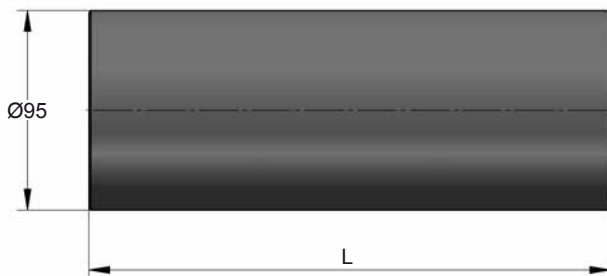
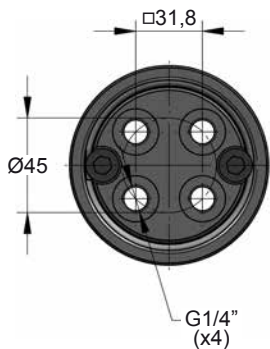


ORDER	Vol. (l)	L (mm)
<b>DFC 75 025</b>	0.25	170
<b>DFC 75 050</b>	0.50	250
<b>DFC 75 100</b>	1.00	410



	ENG ORDER	
	DEU BESTELL	
	FRA COMMANDE	
	ITA ORDINE	
	ESP PEDIDO	
POR PEDIDO		

**DFC 75 025**

## DFC 95



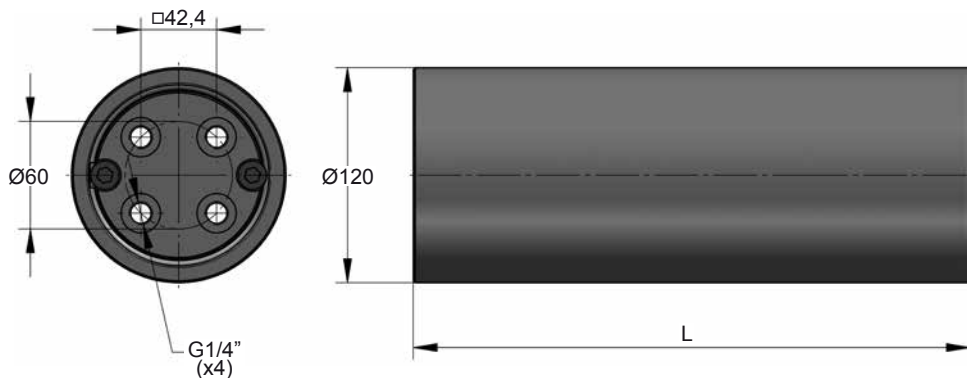
ORDER	Vol. (l)	L (mm)
<b>DFC 95 100</b>	1.00	300
<b>DFC 95 200</b>	2.00	500
<b>DFC 95 300</b>	3.00	700
<b>DFC 95 400</b>	4.00	900

	ENG ORDER	
	DEU BESTELL	
	FRA COMMANDE	
	ITA ORDINE	
	ESP PEDIDO	
POR PEDIDO		

**DFC 95 100**



## DFC 120

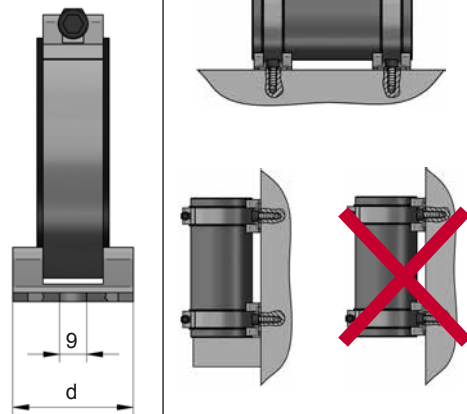
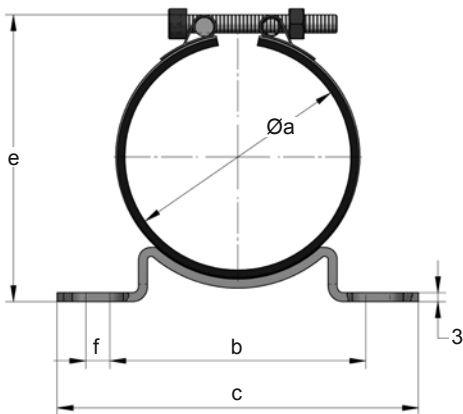


ORDER	Vol. (l)	L (mm)
<b>DFC 120 200</b>	2.00	360
<b>DFC 120 400</b>	4.00	615
<b>DFC 120 800</b>	8.00	1125

	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)
<b>ADCB 75</b>	75	85	120	40	96	8
<b>ADCB 95</b>	95	85	120	40	115	8
<b>ADCB 120</b>	120	100	156	50	154	18

	ENG ORDER	
	DEU BESTELL	
	FRA COMMANDE	
	ITA ORDINE	
	ESP PEDIDO	
POR PEDIDO		

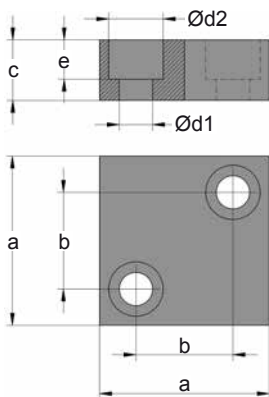
**ADCB 75**

# STRIKER PLATES

**AZOL  
GAS**

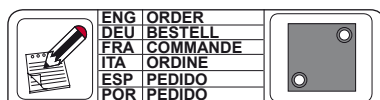
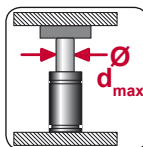
Accessories

## SPFI

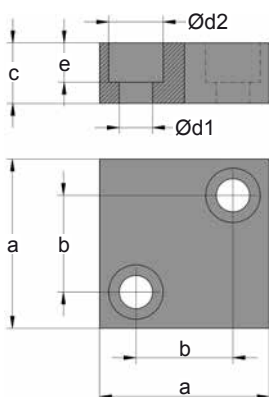


## STQ.70040

ORDER	Ø d <sub>max</sub>	a (mm)	b (mm)	c (mm)	Ød1 (mm)	Ød2 (mm)	e (mm)
<b>SPFI 001</b>	15	40	21	15	9	15	10
<b>SPFI 002</b>	25	56	32	20	11	18	13
<b>SPFI 003</b>	50	71	48	20	11	18	13
<b>SPFI 004</b>	65	90	67	20	11	18	13
<b>SPFI 005</b>	95	140	110	20	11	18	13

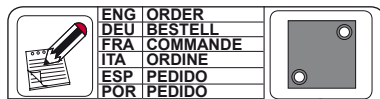
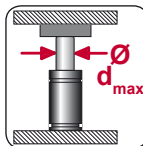

**SPFI 001**

## SPVD

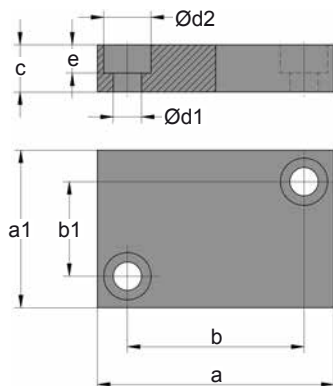


## VDI 3003

ORDER	Ø d <sub>max</sub>	a (mm)	b (mm)	c (mm)	Ød1 (mm)	Ød2 (mm)	e (mm)
<b>SPVD 001</b>	15	40	24	15	7	11	7
<b>SPVD 002</b>	50	70	50	15	9	15	9
<b>SPVD 003</b>	80	90	70	15	9	15	9

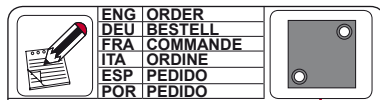
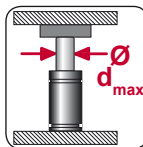

**SPVD 001**

## SPFI



## STQ.70040

ORDER	Ø d <sub>max</sub>	a (mm)	a1 (mm)	b (mm)	b1 (mm)	c (mm)	Ød1 (mm)	Ød2 (mm)	e (mm)
<b>SPFI 010</b>	15	50	25	32	8	12	7	11	7
<b>SPFI 011</b>	20	55	30	40	14	12	7	11	7
<b>SPFI 012</b>	25	70	35	48	14	15	9	15	9
<b>SPFI 013</b>	36	75	50	56	30	15	9	15	9
<b>SPFI 014</b>	50	85	60	66	40	15	9	15	9
<b>SPFI 015</b>	65	100	80	72	56	20	11	18	11
<b>SPFI 016</b>	95	110	100	85	75	20	11	18	11
<b>SPFI 017</b>	95	130	110	100	80	20	11	18	11

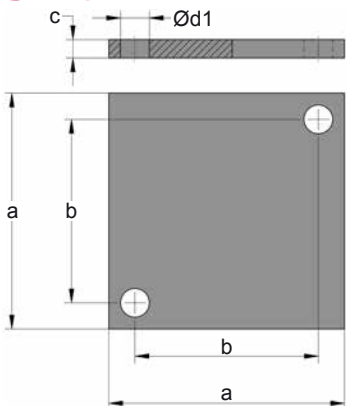

**SPFI 010**

# STRIKER PLATES

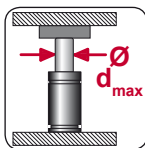
Accessories

## SPRE

EM24.54.700



ORDER	$\text{Ø} d_{\text{max}}$	a (mm)	b (mm)	c (mm)	$\text{Ø}d1$ (mm)
SPRE 010	45	70	50	3	11
SPRE 011	60	90	70	3	11

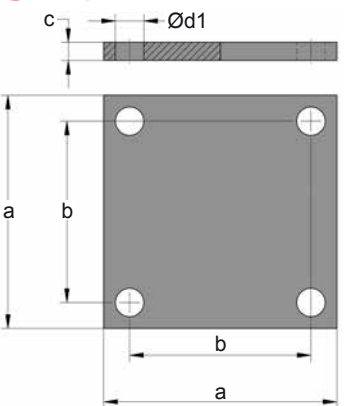


	ENG ORDER	
	DEU BESTELL	
	FRA COMMANDE	
	ITA ORDINE	
	ESP PEDIDO	
POR PEDIDO		

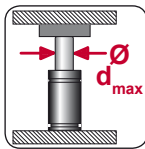
**SPRE 010**

## SPRE

EM24.54.700



ORDER	$\text{Ø} d_{\text{max}}$	a (mm)	b (mm)	c (mm)	$\text{Ø}d1$ (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

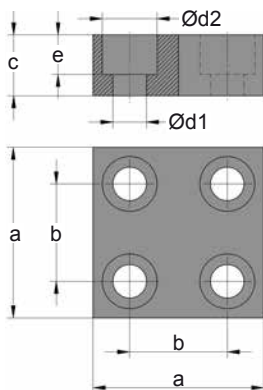


	ENG ORDER	
	DEU BESTELL	
	FRA COMMANDE	
	ITA ORDINE	
	ESP PEDIDO	
POR PEDIDO		

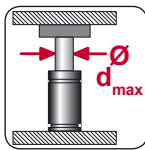
**SPRE 001**

## SPPS

E24.54.815



ORDER	$\text{Ø} d_{\text{max}}$	a (mm)	b (mm)	c (mm)	$\text{Ø}d1$ (mm)	$\text{Ø}d2$ (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



	ENG ORDER	
	DEU BESTELL	
	FRA COMMANDE	
	ITA ORDINE	
	ESP PEDIDO	
POR PEDIDO		

**SPPS 001**

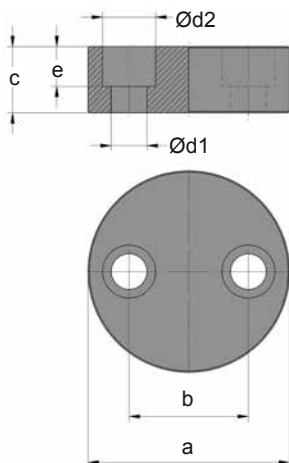
# STRIKER PLATES

Accessories

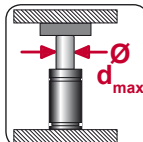
**AZOL**  
**GAS**

## SPFO

### WDX35-80-3576

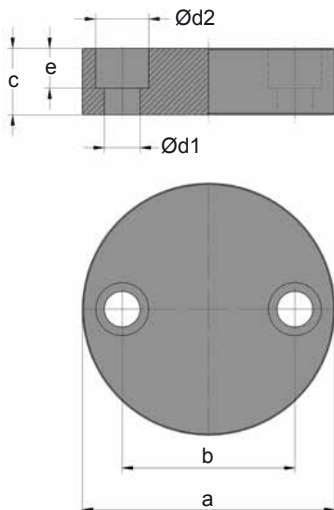


ORDER	Ø d <sub>max</sub>	a (mm)	b (mm)	c (mm)	Ød1 (mm)	Ød2 (mm)	e (mm)
SPFO 001	25	76	45	25	13.5	20	15
SPFO 002	25	76	45	28	13.5	20	18
SPFO 003	25	76	45	31	13.5	20	21
SPFO 004	25	76	45	34	13.5	20	24
SPFO 005	25	76	45	37	13.5	20	27
SPFO 006	25	76	45	40	13.5	20	30

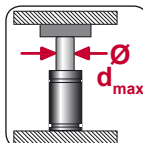


## SPFO

### WDX35-80-3595

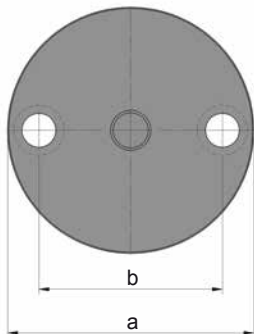
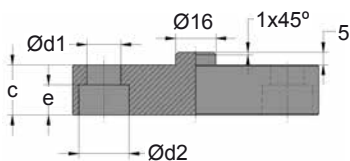


ORDER	Ø d <sub>max</sub>	a (mm)	b (mm)	c (mm)	Ød1 (mm)	Ød2 (mm)	e (mm)
SPFO 010	45	95	65	25	13.5	20	15
SPFO 011	45	95	65	28	13.5	20	18
SPFO 012	45	95	65	31	13.5	20	21
SPFO 013	45	95	65	34	13.5	20	24
SPFO 014	45	95	65	37	13.5	20	27
SPFO 015	45	95	65	40	13.5	20	30

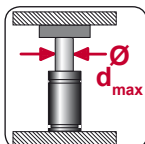


## SPVW

39D 847



ORDER	Ø d <sub>max</sub>	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

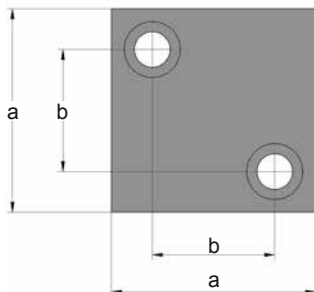
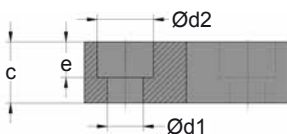


ENG ORDER		
DEU BESTELL		
FRA COMMANDE		
ITA ORDINE		
ESP PEDIDO		
POR PEDIDO		

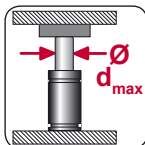
**SPVW 001**

## SPVW

39D 847



ORDER	Ø d <sub>max</sub>	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



ENG ORDER		
DEU BESTELL		
FRA COMMANDE		
ITA ORDINE		
ESP PEDIDO		
POR PEDIDO		

**SPVW 010**

# FP (FLEX PLATE)

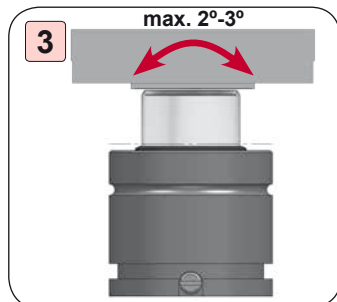
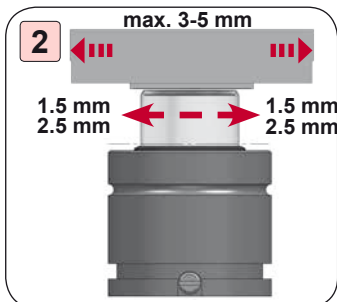
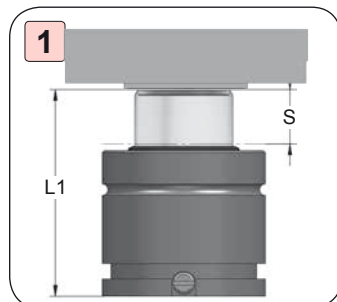
Accessories

**AZOL**  
**GAS** 

## TECHNICAL DATA

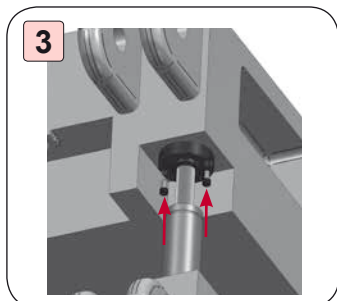
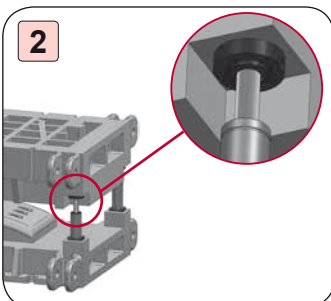
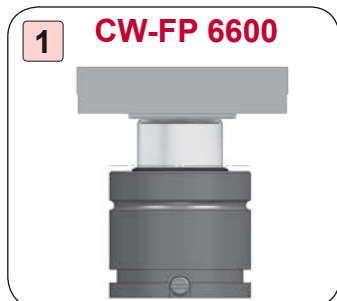
- Range forces 1500 - 20000 daN.
- Fix with screws.
- Compact plate.
- Flexible support.

## FLEX PLATE (SLIDING & SWINGING)



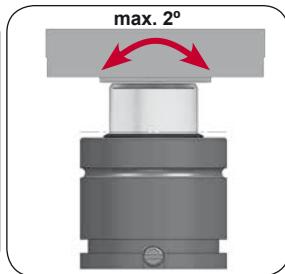
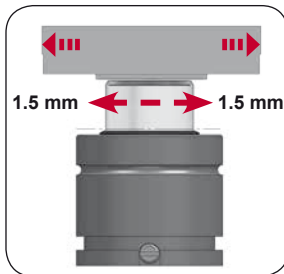
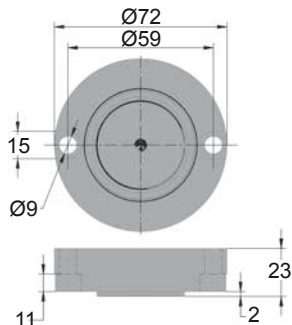
1. The use of FP system does not involve a variation of the dimensions of the gas spring, the location of the plate is inserted in the die itself.
2. Allows side loads up to 3-5 mm.
3. Allows deviations from perpendicularity up to 2°-3°.

## HOW TO ASSEMBLE



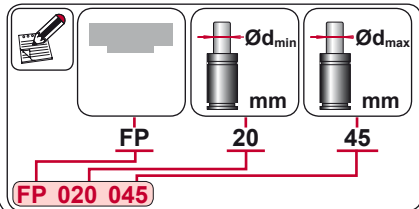
1. Check the gas spring model is suitable for use with the FP plate.
2. Verify that there is space enough to fit the FP plate into the tool.
3. Fix the FP plate to the die with screws.

**FP 020 045**



**MODELS**

**HOW TO ORDER**



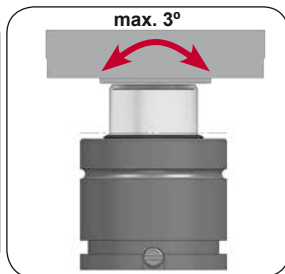
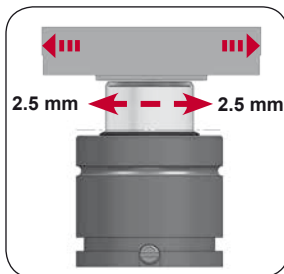
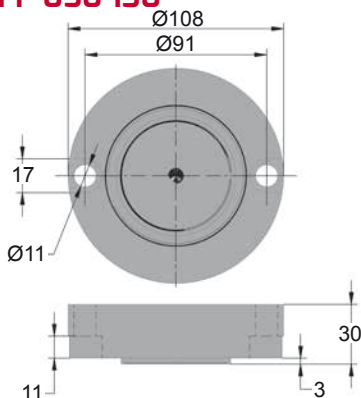
MODEL
APF 500
CD 500 V1
FD 500
KZ 500
CW 500 V1
CM 500 V1
CT 550 V1
CK 570 V1
CM 600 V1
CD 700

MODEL
AG 750
GN 750
FD 750 V1
CK 750 V1
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 V1
CM 1500 V1
GN 1500
FD 1500 V2
CK 1500 V2
CT 1500

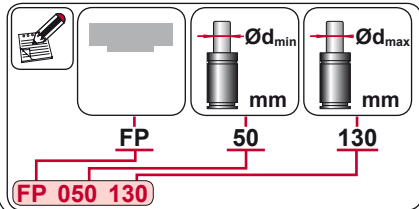
MODEL
KZ 1500
CW 1500
CD 2400
KZ 2400
CW 2400 V1
CM 2500 V1
CK 2500 V1

**FP 050 130**



**MODELS**

**HOW TO ORDER**



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

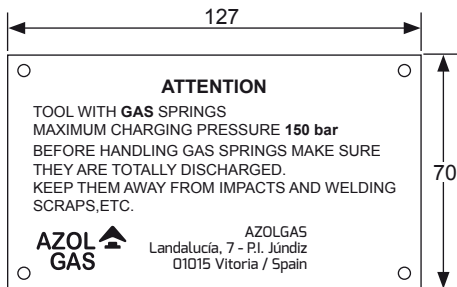
MODEL
CD 9600
CW 9500
CM 10000
AG 10000
CW 11800
CD 18500
CW 20000

# DIE INFORMATION TAGS

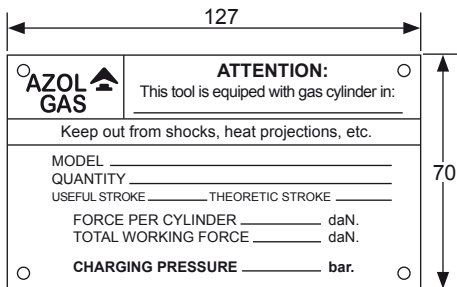


Accessories

## PI-01



## PI-02



ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO

**ATTENTION**

TOOL WITH GAS SPRINGS  
 MAXIMUM CHARGING PRESSURE **150 bar**  
 BEFORE HANDLING GAS SPRINGS MAKE SURE  
 THEY ARE TOTALLY DISCHARGED.  
 KEEP THEM AWAY FROM IMPACTS AND WELDING  
 SCRAPS, ETC.

**AZOL GAS** Landalucía, 7 - P.I. Júndiz  
 01015 Vitoria / Spain

### PI-01-ENG

PI-01-ESP	SPANISH
PI-01-ENG	ENGLISH
PI-01-ITA	ITALIAN
PI-01-FRE	FRENCH
PI-01-GER	GERMAN
PI-01-POR	PORTUGUESE

PI-01-POL	POLISH
PI-01-TUR	TURKISH
PI-01-RUS	RUSSIAN
PI-01-CHI	CHINESE
PI-01-JAP	JAPANESE
PI-01-KOR	KOREAN

ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO

**ATTENTION:**  
 This tool is equipped with gas cylinder in:

Keep out from shocks, heat projections, etc.

MODEL \_\_\_\_\_  
 QUANTITY \_\_\_\_\_  
 USEFUL STROKE \_\_\_\_\_ THEORETIC STROKE \_\_\_\_\_

FORCE PER CYLINDER \_\_\_\_\_ daN.  
 TOTAL WORKING FORCE \_\_\_\_\_ daN.

**CHARGING PRESSURE** \_\_\_\_\_ bar.

### PI-02-ENG

PI-02-ESP	SPANISH
PI-02-ENG	ENGLISH
PI-02-ITA	ITALIAN
PI-02-FRE	FRENCH
PI-02-GER	GERMAN
PI-02-POR	PORTUGUESE

PI-02-POL	POLISH
PI-02-TUR	TURKISH
PI-02-RUS	RUSSIAN
PI-02-CHI	CHINESE
PI-02-JAP	JAPANESE
PI-02-KOR	KOREAN

## PI-11

GM 90.20.09



## PI-12

GM 90.20.08



ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO

**CAUTION**

EXHAUST ALL PRESSURE AND COLLAPSE  
 CYLINDERS BEFORE SERVICING SYSTEM.  
 MAXIMUM CHARGING PRESSURE 103 BAR / 1500 PSI

DIE NO. \_\_\_\_\_  
 CYLINDER \_\_\_\_\_ SEAL KIT \_\_\_\_\_  
 OPERATING PRESSURE \_\_\_\_\_ BAR \_\_\_\_\_ PSI

### PI-11-ENG

PI-11-ESP	SPANISH
PI-11-ENG	ENGLISH
PI-11-GER	GERMAN
PI-11-FRE	FRENCH
PI-11-POR	PORTUGUESE
PI-11-POL	POLISH

PI-11-TUR	TURKISH
PI-11-RUS	RUSSIAN
PI-11-THA	THAI
PI-11-CHI	CHINESE
PI-11-JAP	JAPANESE
PI-11-KOR	KOREAN

ENG	ORDER
DEU	BESTELL
FRA	COMMANDE
ITA	ORDINE
ESP	PEDIDO
POR	PEDIDO

**CAUTION**

EXHAUST ALL PRESSURE AND COLLAPSE  
 CYLINDERS BEFORE SERVICING SYSTEM.  
 MAXIMUM CHARGING PRESSURE 150 BAR / 2175 PSI

DIE NO. \_\_\_\_\_  
 CYLINDER \_\_\_\_\_ SEAL KIT \_\_\_\_\_  
 OPERATING PRESSURE \_\_\_\_\_ BAR \_\_\_\_\_ PSI

### PI-12-ENG

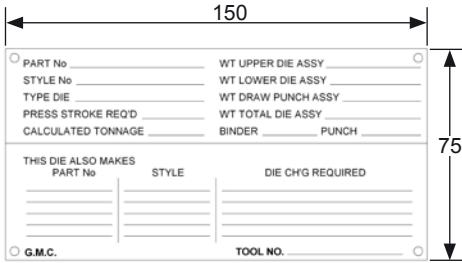
PI-12-ESP	SPANISH
PI-12-ENG	ENGLISH
PI-12-GER	GERMAN
PI-12-FRE	FRENCH
PI-12-POR	PORTUGUESE
PI-12-POL	POLISH

PI-12-TUR	TURKISH
PI-12-RUS	RUSSIAN
PI-12-THA	THAI
PI-12-CHI	CHINESE
PI-12-JAP	JAPANESE
PI-12-KOR	KOREAN



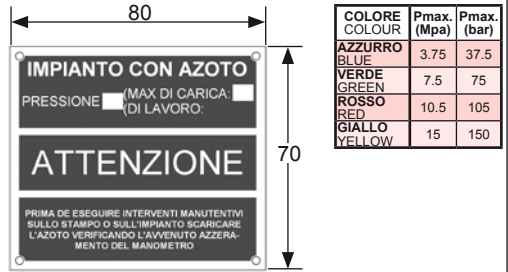
## PI-21

**GM 90.20.07**



## PI-22

**FIAT A0.15.01**



ENG ORDER  
 DEU BESTELL  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO

Part No \_\_\_\_\_ WT UPPER DIE ASSY  
 Part No \_\_\_\_\_ WT LOWER DIE ASSY  
 Type Die \_\_\_\_\_ WT DRAW PUNCH ASSY  
 Press Stroke Req'd \_\_\_\_\_ WT TOTAL DIE ASSY  
 Calculated Tonnage \_\_\_\_\_ Binder \_\_\_\_\_ Punch \_\_\_\_\_

THIS DIE ALSO MAKES  
 Part No \_\_\_\_\_ Style \_\_\_\_\_ Die Ch'g Required \_\_\_\_\_

G.M.C. \_\_\_\_\_ Tool No. \_\_\_\_\_

**PI-21-ENG**

PI-21-ESP	SPANISH
PI-21-ENG	ENGLISH
PI-21-GER	GERMAN
PI-21-FRE	FRENCH
PI-21-POR	PORTUGUESE
PI-21-POL	POLISH

PI-21-TUR	TURKISH
PI-21-RUS	RUSSIAN
PI-21-THA	THAI
PI-21-CHI	CHINESE
PI-21-JAP	JAPANESE
PI-21-KOR	KOREAN



ENG ORDER  
 DEU BESTELL  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO



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

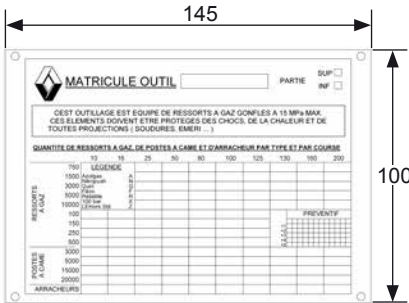
**PI-22-ITA GIALLO**

PI-22-ESP	SPANISH
PI-22-ENG	ENGLISH
PI-22-ITA	ITALIAN
PI-22-FRE	FRENCH
PI-22-POR	PORTUGUESE

PI-22-POL	POLISH
PI-22-SER	SERBIAN
PI-22-TUR	TURKISH
PI-22-RUS	RUSSIAN
PI-22-CHI	CHINESE

## PI-31

**EM24.54.700**



ENG ORDER  
 DEU BESTELL  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO

Matricule Outil \_\_\_\_\_ Partie \_\_\_\_\_ Sup \_\_\_\_\_ Inf \_\_\_\_\_

PRESSION DE TRAVAIL  
 MPa  
 PRESSION D'ARRET  
 MPa

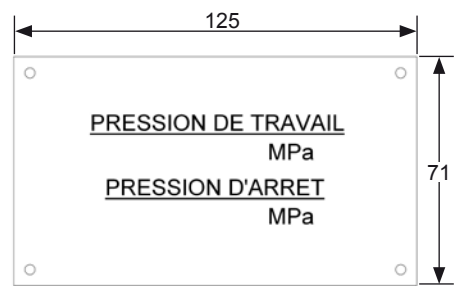
**PI-31-FRE**

PI-31-ESP	SPANISH
PI-31-ENG	ENGLISH
PI-31-FRE	FRENCH
PI-31-POR	PORTUGUESE
PI-31-ROM	ROMANIAN

PI-31-TUR	TURKISH
PI-31-RUS	RUSSIAN
PI-31-CHI	CHINESE
PI-31-JAP	JAPANESE
PI-31-KOR	KOREAN

## PI-32

**EM24.54.700**



ENG ORDER  
 DEU BESTELL  
 FRA COMMANDE  
 ITA ORDINE  
 ESP PEDIDO  
 POR PEDIDO

PRESSION DE TRAVAIL  
 MPa  
 PRESSION D'ARRET  
 MPa

**PI-32-FRE**

# DIE INFORMATION TAGS

**AZOL  
GAS**

Accessories

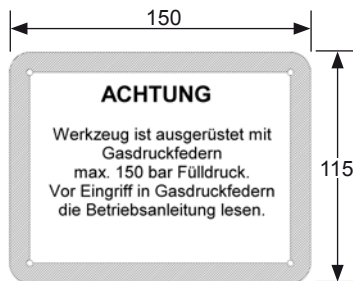
**PI-41**
**E24.54.815**


ENG ORDER
DEU BESTELL
FRA COMMANDE
ITA ORDINE
ESP PEDIDO
POR PEDIDO


**PI-41-FRE**

PI-41-ESP	SPANISH
PI-41-ENG	ENGLISH
PI-41-FRE	FRENCH
PI-41-POR	PORTUGUESE
PI-41-SLK	SLOVAK

PI-41-TUR	TURKISH
PI-41-RUS	RUSSIAN
PI-41-CHI	CHINESE
PI-41-JAP	JAPANESE
PI-41-KOR	KOREAN

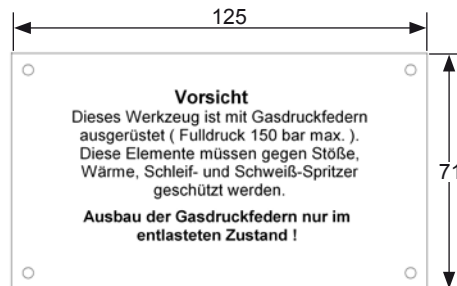
**PI-42**
**VW 39D 578**


ENG ORDER
DEU BESTELL
FRA COMMANDE
ITA ORDINE
ESP PEDIDO
POR PEDIDO


**PI-42-GER**

PI-42-ESP	SPANISH
PI-42-ENG	ENGLISH
PI-42-GER	GERMAN
PI-42-POR	PORTUGUESE
PI-42-CZE	CZECH
PI-42-POL	POLISH

PI-42-SLK	SLOVAK
PI-42-HUN	HUNGARIAN
PI-42-BOS	BOSNIAN
PI-42-RUS	RUSSIAN
PI-42-UKR	UKRANIAN
PI-42-CHI	CHINESE

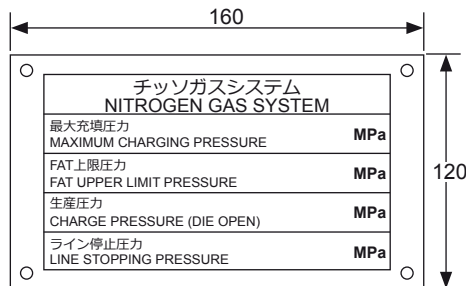
**PI-51**
**VDI 3003**


ENG ORDER
DEU BESTELL
FRA COMMANDE
ITA ORDINE
ESP PEDIDO
POR PEDIDO

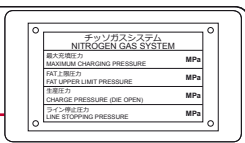

**PI-51-GER**

PI-51-ESP	SPANISH
PI-51-ENG	ENGLISH
PI-51-GER	GERMAN
PI-51-POR	PORTUGUESE
PI-51-ITA	ITALIAN
PI-51-CZE	CZECH

PI-51-POL	POLISH
PI-51-SLK	SLOVAK
PI-51-HUN	HUNGARIAN
PI-51-RUS	RUSSIAN
PI-51-CHI	CHINESE
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-JAP	JAPANESE
PI-52-ENG	ENGLISH
PI-52-POR	PORTUGUESE
PI-52-FRE	FRENCH

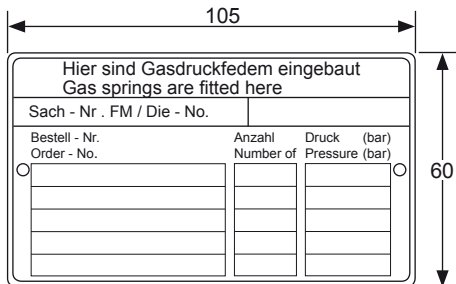
PI-52-TUR	TURKISH
PI-52-RUS	RUSSIAN
PI-52-THA	THAI
PI-52-INS	INDONESIAN

# DIE INFORMATION TAGS

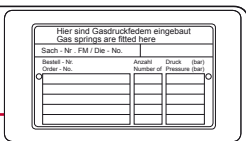
Accessories

**PI-53**

**B2 5707**



**ENG ORDER**  
**DEU BESTELL**  
**FRA COMMANDE**  
**ITA ORDINE**  
**ESP PEDIDO**  
**POR PEDIDO**



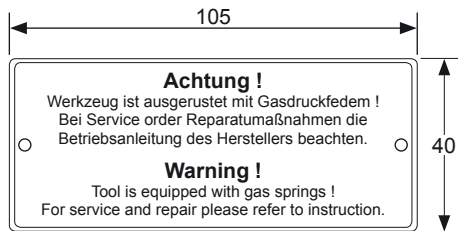
**PI-53-GER**

<b>PI-53-ESP</b>	<b>SPANISH</b>
<b>PI-53-GER</b>	<b>GERMAN</b>
<b>PI-53-ENG</b>	<b>ENGLISH</b>
<b>PI-53-RUS</b>	<b>RUSSIAN</b>

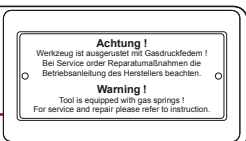
<b>PI-53-CHI</b>	<b>CHINESE</b>
<b>PI-53-THA</b>	<b>THAI</b>
<b>PI-53-MAL</b>	<b>MALAYSIAN</b>
<b>PI-53-INS</b>	<b>INDONESIAN</b>

**PI-54**

**B2 5707**



**ENG ORDER**  
**DEU BESTELL**  
**FRA COMMANDE**  
**ITA ORDINE**  
**ESP PEDIDO**  
**POR PEDIDO**



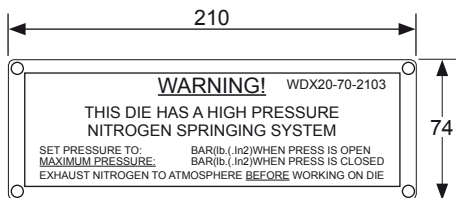
**PI-54-GER**

<b>PI-54-ESP</b>	<b>SPANISH</b>
<b>PI-54-GER</b>	<b>GERMAN</b>
<b>PI-54-ENG</b>	<b>ENGLISH</b>
<b>PI-54-RUS</b>	<b>RUSSIAN</b>

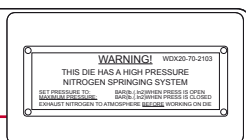
<b>PI-54-CHI</b>	<b>CHINESE</b>
<b>PI-54-THA</b>	<b>THAI</b>
<b>PI-54-MAL</b>	<b>MALAYSIAN</b>
<b>PI-54-INS</b>	<b>INDONESIAN</b>

**PI-55**

**WDX20-70-2**



**ENG ORDER**  
**DEU BESTELL**  
**FRA COMMANDE**  
**ITA ORDINE**  
**ESP PEDIDO**  
**POR PEDIDO**



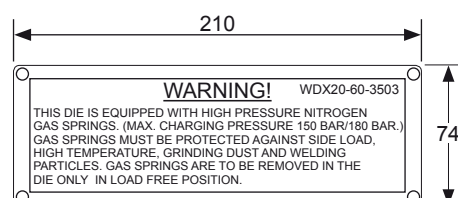
**PI-55-ENG**

<b>PI-55-GER</b>	<b>GERMAN</b>
<b>PI-55-DUT</b>	<b>DUTCH</b>
<b>PI-55-ENG</b>	<b>ENGLISH</b>
<b>PI-55-ESP</b>	<b>SPANISH</b>
<b>PI-55-POR</b>	<b>PORTUGUESE</b>
<b>PI-55-ROM</b>	<b>ROMANIAN</b>

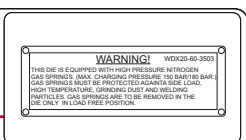
<b>PI-55-FRE</b>	<b>FRENCH</b>
<b>PI-55-TUR</b>	<b>TURKISH</b>
<b>PI-55-RUS</b>	<b>RUSSIAN</b>
<b>PI-55-CHI</b>	<b>CHINESE</b>
<b>PI-55-THA</b>	<b>THAI</b>
<b>PI-55-MAL</b>	<b>MALAYSIAN</b>

**PI-56**

**WDX20-70-35**



**ENG ORDER**  
**DEU BESTELL**  
**FRA COMMANDE**  
**ITA ORDINE**  
**ESP PEDIDO**  
**POR PEDIDO**



**PI-56-ENG**

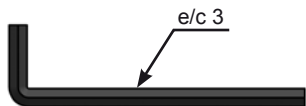
<b>PI-56-GER</b>	<b>GERMAN</b>
<b>PI-56-DUT</b>	<b>DUTCH</b>
<b>PI-56-ENG</b>	<b>ENGLISH</b>
<b>PI-56-ESP</b>	<b>SPANISH</b>
<b>PI-56-POR</b>	<b>PORTUGUESE</b>
<b>PI-56-ROM</b>	<b>ROMANIAN</b>

<b>PI-56-FRE</b>	<b>FRENCH</b>
<b>PI-56-TUR</b>	<b>TURKISH</b>
<b>PI-56-RUS</b>	<b>RUSSIAN</b>
<b>PI-56-CHI</b>	<b>CHINESE</b>
<b>PI-56-THA</b>	<b>THAI</b>
<b>PI-56-MAL</b>	<b>MALAYSIAN</b>

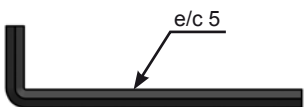
# ACCESSORIES

**LM 3****LM 6****LM 8****LM 16**

## DALL 3



## DALL 5



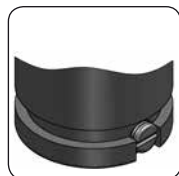
## DPA 5



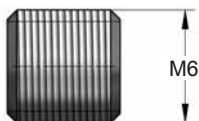
## T 1/8



## T M6



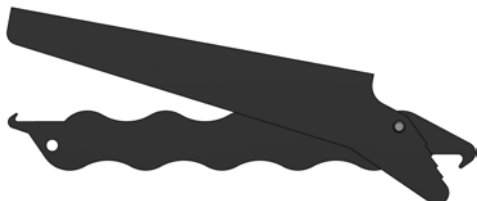
## TR M6



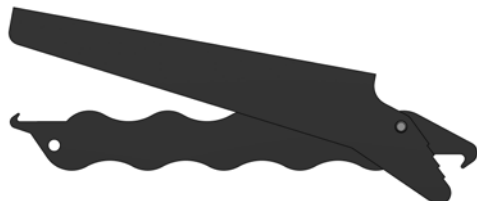
## A 550 1/8-M6



## LRP 1



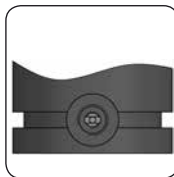
## LRP 2



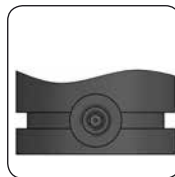
# ACCESSORIES

**AZOL  
GAS** 

## DIN 7757



## XTC-M6



## A 800



## ALXTC



## DMNL

**ABXP****XTCP**

## DDNM

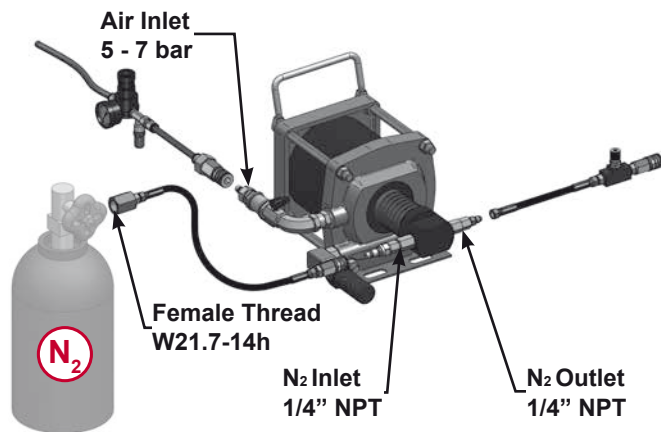
**ABXP****XTCP**



# ACCESSORIES

**AZOL  
GAS**


## DBNA

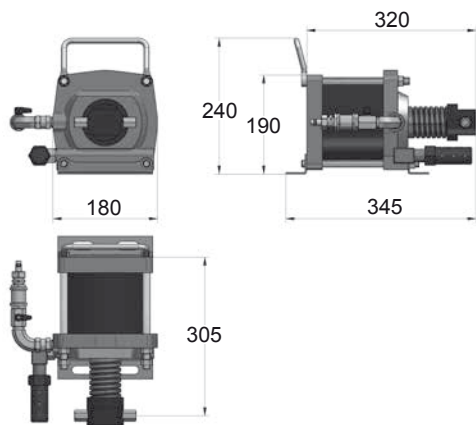


## OPTIONS

### 1 - Hosed System



### 2 - Self-contained



## ADVANTAGES



- Maximum safety.



- Easy boosting.



- Save costs.



- Increases productivity.

## BOOSTER UNIT

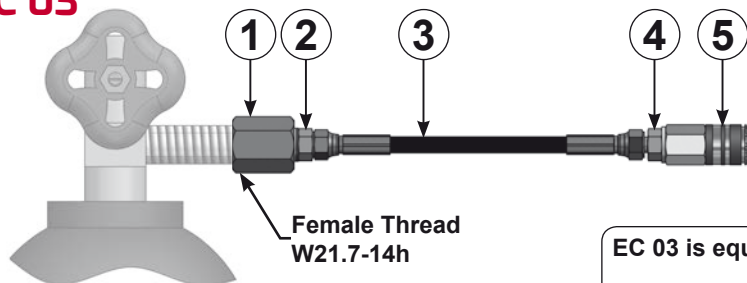
DBNA gas booster enables to charge gas springs and manifold systems from your supply tank. The booster is a solution to low pressure supply tank to a minimum of 20 bar (when the tank pressure is lower than the gas springs filling pressure).

## 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



## EC 03



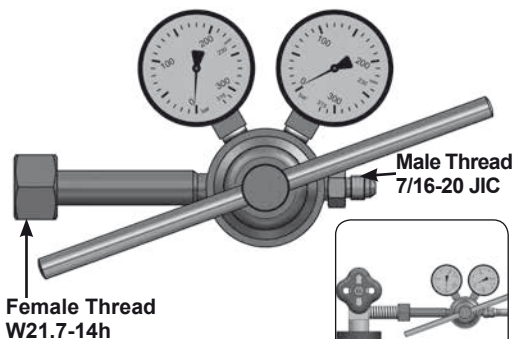
Only to be used  
with a gauge



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**

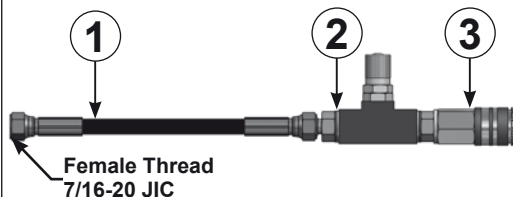
## LTH 600



Female Thread  
W21.7-14h

Male Thread  
7/16-20 JIC

## EC 38

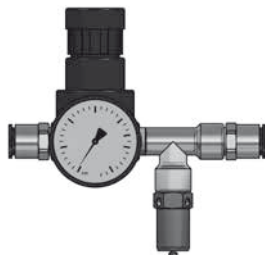


Female Thread  
7/16-20 JIC

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 <sub>2</sub>
Max pressure	210 bar
Gauge	0 - 400 bar
Working temperature	0° - 100°C

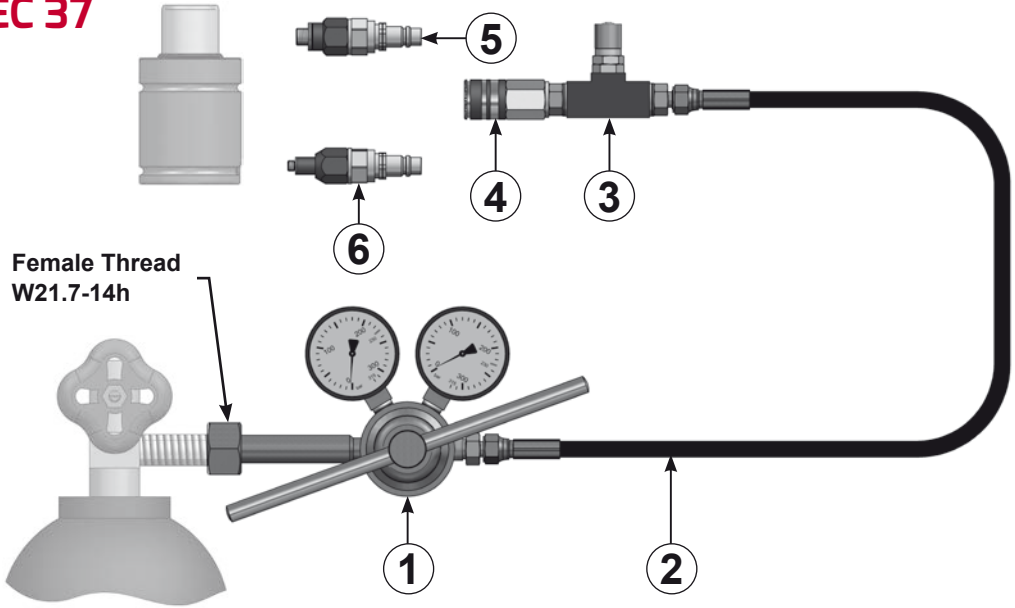


A 400 C Filling & Control Unit is used to:

- Verify the pressure
  - Fill and drain the pressure
  - Vary (up / down) the pressure
- Self-contained gas springs

# ACCESSORIES

## EC 37



### CHARGING UNIT

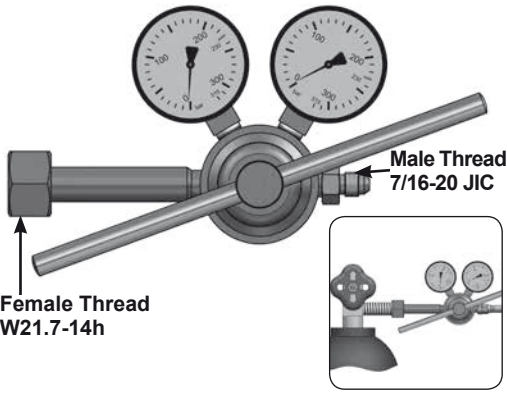
The Charging Unit EC 37 let you:

- 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)**

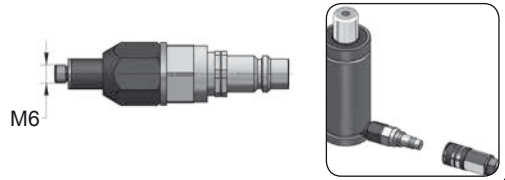
## LTH 600



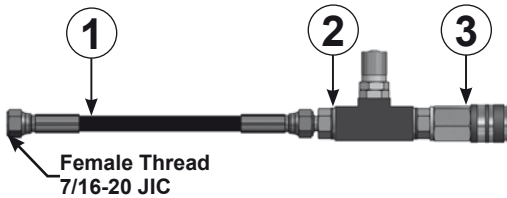
## 18 CG 1-Q



## 06 CG 2-Q



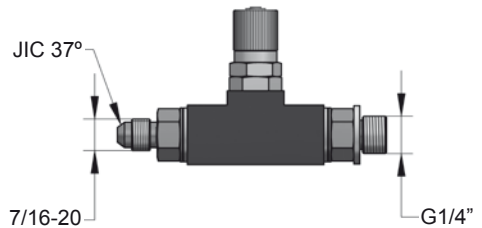
## EC 38



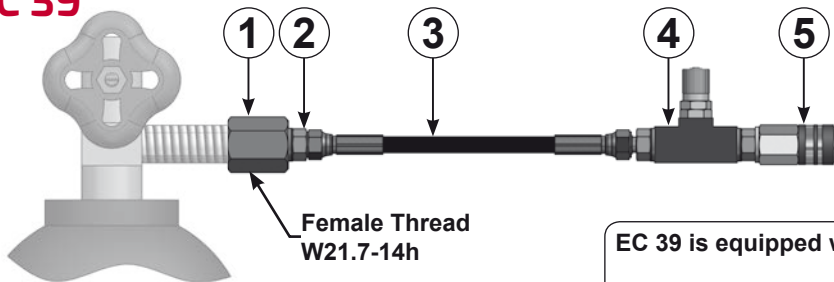
EC 38 is equipped with:

- 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





# NOTES

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	AFJ 90 V1	6		AST 300 V1	46		AST 1000	48	
	CP 150 V1	370		CD 300 V1	94		CD 1000 V1	102	
	CW 170 V1	316		CK 300 V1	216		CK 1000 V1	224	
20	AFK 25 V1	8		CM 300	134		CM 1000 V1	142	
	AFK 50 V1	8		CM 350 V1	136		CP 2000 V1	378	
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25	AF 50 V1	18		CT 300 V1	244		CS-KC 1800 V1	410	
	AF 100 V1	18		CW 350 V1	320		CT 1000	254	
	AF 150 V1	18		KZ 350	286		CT 750	248	
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	AFC 150	12		AST 250	44		CWC 1000 V2	332	
	AFC 200	12		CD 500 V1	96		FD 750 V1	196	
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	AFD 100 V1	10		CP 1000 V1	376		ROB 750	434	
	AFD 150 V1	10		CPH 850 V1	388		ROT 750	435	
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	CK 2500 V1	232		CW 6600	352				
	CM 2500 V1	150		FD 5000 V1	208				
	CP 5000 V1	382		GN 5000	180				
	CPH 4300 V1	396		KZ 6600	310				
	CS 4700 V1	416		ROB 5000	440				
	CS-KC 4700 V1	418		ROT 5000	441				
	CT 2500	266		VAM 3000	468				
	CT 3000	272		VMD 5000	484				
	CTN 2500	268		<b>150</b>	AG 7500	82			
	CTN 3000	274			AGB-H 7500	83			
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ROT 1500	437	GN 7500	184						
VAM 750	460	VAM 5000	472						
VH 1200	444	VMD 7500	486						
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	CS 7500 V1	420							
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	CW 4200 V1	348							
	FD 3000	204							
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30	AFJ 30 V1	6		CM 200	132		CT 750	248
35	AFH 35 V1	4		CT 200 V1	242		CTN 750	250
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50	AF 50 V1	18	250	APFA 250	56		CWC 750 V2	326
	AFB 50 V2	2		APFC-H 250	60		FD 750 V1	196
	AFC 50	12		ASP 250	36		GN 750	168
	AFD 50 V1	10		AST 250	44	KZ 750 V1	290	
	AFH 50 V1	4	300	ART 300	449	ROB 750	434	
	AFJ 50 V1	6		AS 300	26	ROT 750	435	
	AFK 50 V1	8		ASP 300	38	VAM 750	460	
	AFNA 50	16		AST 300 V1	46	770	CS 770 V2	402
APFA 50	52	CD 300 V1		94	850	CPH 850 V1	388	
AS 50	24	CK 300 V1		216	1000	AS 1000	34	
70	AFH 70 V1	4		CM 300		134	AST 1000	48
	AFJ 70 V1	6		CP 300 V1		372	CD 1000 V1	102
75	AFK 75 V1	8		CT 300 V1		244	CK 1000 V1	224
80	AFT 80 V1	20		FD 300		190	CM 1000 V1	142
90	AFJ 90 V1	6	VAM 300 V1	456		CP 1000 V1	376	
100	AF 100 V1	18	310	AFT 310 V1		20	CS 1000 V1	404
	AFC 100	12	320	CW 320 V1		318	CS-KC 1000 V1	406
	AFD 100 V1	10	350	CM 350 V1		136	CT 1000	254
	AFK 100 V1	8		CW 350 V1		320	CTN 1000	256
	AFNA 100	16		KZ 350	286	CW 1000 V2	330	
	APFA 100	52	420	CS 420 V1	400	CWC 1000 V2	332	
	AS 100	24	500	APF 500	62	KZ 1000 V1	294	
150	AF 150 V1	18		ART 500	450	1200	ART 1200	452
	AFC 150	12		AS 500 V1	28		VH 1200	444
	AFD 150 V1	10		ASP 500 V1	40	1250	CPH 1250 V1	390
	AFNA 150	16		CD 500 V1	96	1500	AG 1500	70
	APFA 150	52		CM 500 V1	138		AGB-H 1500	71
	APFC-H 150	54		CP 500 V1	374		ART 1500	453
	AS 150	24		CW 500 V1	322		CD 1500 V2	106
	CP 150 V1	370		FD 500	192		CK 1500 V2	228
160	AFT 160 V1	20		KZ 500	288		CM 1500 V1	146
170	CW 170 V1	316	VH 500	442	CT 1500		260	
180	ART 180	448	550	CT 550 V1	246		CTN 1500	262
200	AF 200 V1	18	570	CK 570 V1	218		CW 1500	336
	AFC 200	12	600	AS 600 V1	30		CWC 1500	338
	AFK 200	14		CM 600 V1	140	FD 1500 V2	200	
	AFD 200 V1	10	700	AS 700 V1	32	GN 1500	172	
	AFNA 200	16		CD 700	98	KZ 1500	298	

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	VAM 1500	464		VAM 5000	472			
				VMD 5000	484			
1700	CPH 1700 V1	392	6500	CM 6500 V1	158			
1800	CS 1800 V1	408	6600	CD 6600	118			
	CS-KC 1800 V1	410		CW 6600	352			
2000	CP 2000 V1	378			KZ 6600	310		
2200	VH 2200	446	7500	AG 7500	82			
2400	CD 2400	110		AGB-H 7500	83			
	CW 2400 V1	342		CS 7500 V1	420			
	CWC 2400 V2	344		CS-KC 7500 V1	422			
	KZ 2400	302		GN 7500	184			
2500	CK 2500 V1	232		VAM 7500	476			
	CM 2500 V1	150	VMD 7500	486				
	CT 2500	266	8000	CP 8000 V1	384			
	CTN 2500	268	9500	CW 9500	356			
2800	CPH 2800 V1	394	9600	CD 9600	122			
3000	AG 3000	74	10000	AG 10000	86			
	AGB-H 3000	75		AGB-H 10000	87			
	CP 3000 V1	380		CM 10000	162			
	CS 3000 V2	412	11800	CS 11800 V1	424			
	CS-KC 3000 V2	414		CS-KC 11800 V1	426			
	CT 3000	272		CW 11800	360			
	CTN 3000	274	18300	CS 18300 V1	428			
	FD 3000	204		CS-KC 18300 V1	430			
	GN 3000	176	18500	CD 18500	126			
	ROB 3000	438	20000	CW 20000	364			
	ROT 3000	439						
	VAM 3000	468						
	VMD 3000	482						
	4000	CK 4000 V1	236					
CM 4000 V1		154						
4200	CD 4200	114						
	CW 4200 V1	348						
	KZ 4200	306						
4300	CPH 4300 V1	396						
4700	CS 4700 V1	416						
	CS-KC 4700 V1	418						
5000	AG 5000	78						
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