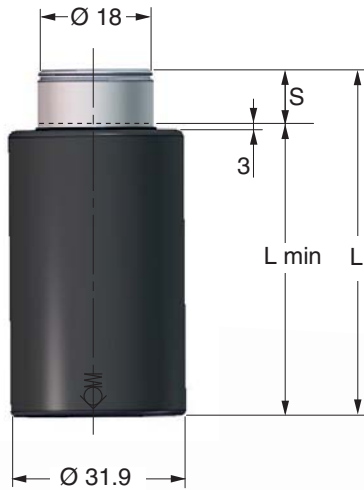


CX 500



With its unique safety and reliability features, KALLER Compact Xtreme CX is an extremely compact and powerful piston rod sealed gas spring series. Using the CX gas spring is an excellent way to achieve more cost efficient dies due to lower die height. With its extremely compact build height and cylinder diameters, the CX gas spring can reach extreme initial forces, ranging from 5,100 N to 19,200 N with stroke lengths up to 80 mm. The CX gas spring series is similar to the KALLER Power Line X series and provide extreme forces comparable to the bore sealed KALLER Super Compact CU4 series. In addition, the CX gas spring can handle higher running frequencies (SPM) compared to similar gas springs on the market, which leads to a higher production rate. Additional high force in a small area when baseplate mounted.



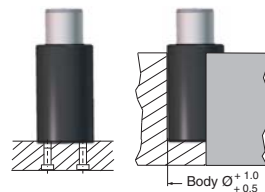
Order No.	S stroke	Force in N at 200 bar/+20°C		Force in lbf at 200 bar/+20°C		L ±0.25	L min.	Gas vol. (l)	Weight (kg)
		Initial	End force**	Initial	End force**				
CX 500-010	10		6,600		1,490	75	65	0.01	0.27
CX 500-015	15		7,100		1,610	85	70	0.02	0.29
CX 500-025	25		7,900		1,780	105	80	0.02	0.33
CX 500-038	38*	5,100	8,700	1,150	1,960	130	92	0.03	0.37
CX 500-050	50*		9,100		2,040	155	105	0.04	0.42
CX 500-063	63*		8,800		1,990	190	127	0.05	0.50
CX 500-080	80*		9,200		2,060	225	145	0.06	0.56

Note! * For stroke lengths over 25 mm, the spring should be attached to the tool using the threaded holes in the bottom.
** At full stroke.

Basic Information

Pressure medium..... Nitrogen
 Max. charging pressure..... 200 bar
 Min. charging pressure..... 25 bar
 Operating temperature..... 0 - +80°C
 Force increase by temperature..... ±0.3%/°C
 Recommended max. strokes/min.... ~70-200 (at 20°C)
 Max. piston rod velocity..... 1.6 m/s

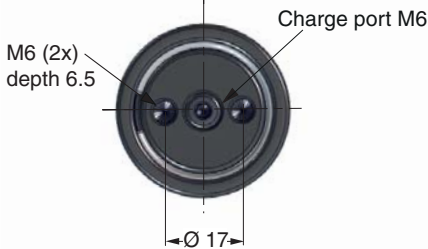
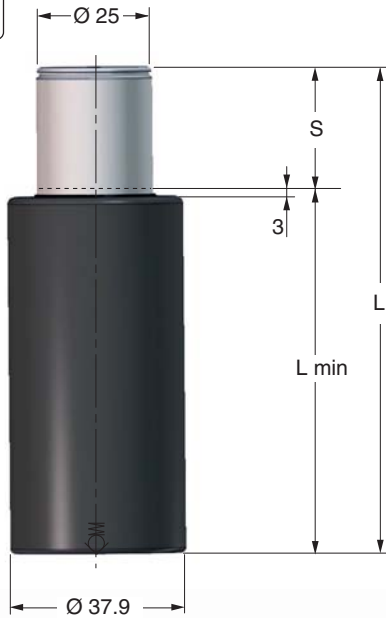
Mounting Possibilities



Base mount
B, MP

Drop - in

CX 1000



With its unique safety and reliability features, KALLER Compact Xtreme CX is an extremely compact and powerful piston rod sealed gas spring series. Using the CX gas spring is an excellent way to achieve more cost efficient dies due to lower die height. With its extremely compact build height and cylinder diameters, the CX gas spring can reach extreme initial forces, ranging from 5,100 N to 19,200 N with stroke lengths up to 80 mm. The CX gas spring series is similar to the KALLER Power Line X series and provide extreme forces comparable to the bore sealed KALLER Super Compact CU4 series. In addition, the CX gas spring can handle higher running frequencies (SPM) compared to similar gas springs on the market, which leads to a higher production rate. Additional high force in a small area when baseplate mounted.

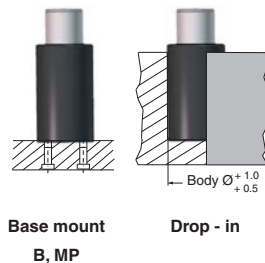
Order No.	S stroke	Force in N at 200 bar/+20°C		Force in lbf at 150 bar/+20°C		L ±0.25	L min.	Gas vol. (l)	Weight (kg)
		Initial	End force*	Initial	End force*				
CX 1000-010	10		13,300		2,980	75	65	0.03	0.36
CX 1000-015	15		14,400		3,240	85	70	0.03	0.39
CX 1000-025	25		16,100		3,620	105	80	0.04	0.43
CX 1000-038	38*	9,800	16,900	2,200	3,800	135	97	0.06	0.50
CX 1000-050	50*		17,700		3,990	160	110	0.07	0.56
CX 1000-063	63*		16,500		3,710	205	142	0.10	0.67
CX 1000-080	80*		17,300		3,880	240	160	0.12	0.75

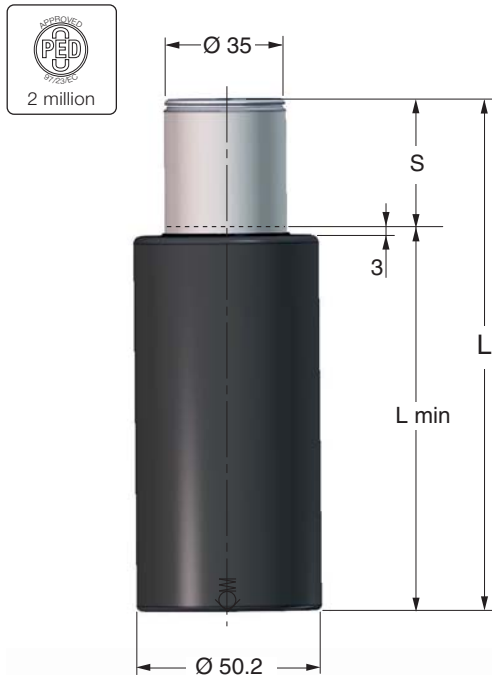
Note! * For stroke lengths over 25 mm, the spring should be attached to the tool using the threaded holes in the bottom.
** At full stroke.

Basic Information

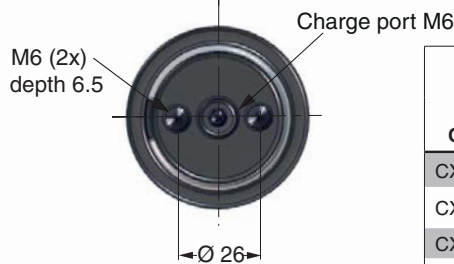
Pressure medium..... Nitrogen
 Max. charging pressure..... 200 bar
 Min. charging pressure..... 25 bar
 Operating temperature..... 0 - +80°C
 Force increase by temperature..... ±0.3%/°C
 Recommended max. strokes/min.... ~70-200 (at 20°C)
 Max. piston rod velocity..... 1.6 m/s

Mounting Possibilities





With its unique safety and reliability features, KALLER Compact Xtreme CX is an extremely compact and powerful piston rod sealed gas spring series. Using the CX gas spring is an excellent way to achieve more cost efficient dies due to lower die height. With its extremely compact build height and cylinder diameters, the CX gas spring can reach extreme initial forces, ranging from 5,100 N to 19,200 N with stroke lengths up to 80 mm. The CX gas spring series is similar to the KALLER Power Line X series and provide extreme forces comparable to the bore sealed KALLER Super Compact CU4 series. In addition, the CX gas spring can handle higher running frequencies (SPM) compared to similar gas springs on the market, which leads to a higher production rate. Additional high force in a small area when baseplate mounted.



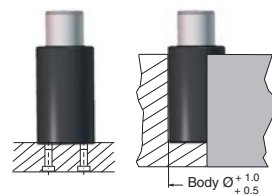
Order No.	S stroke	Force in N at 200 bar/+20°C		Force in lbf at 150 bar/+20°C		L ±0.25	L min.	Gas vol. (l)	Weight (kg)
		Initial	End force*	Initial	End force**				
CX 1900-010	10		26,300	4,320	5,920	80	70	0.05	0.69
CX 1900-015	15		31,800		7,140	95	80	0.05	0.76
CX 1900-025	25	19,200	30,900		6,950	115	90	0.08	0.84
CX 1900-038	38*		31,900		7,160	150	112	0.12	0.98
CX 1900-050	50*		33,800		7,600	175	125	0.14	1.08
CX 1900-063	63*		34,800		7,820	205	142	0.17	1.21
CX 1900-080	80*				35,600	8,000	245	165	0.21

Note! * For stroke lengths over 25 mm, the spring should be attached to the tool using the threaded holes in the bottom.
** At full stroke.

Basic Information

Pressure medium..... Nitrogen
 Max. charging pressure..... 200 bar
 Min. charging pressure..... 25 bar
 Operating temperature..... 0 - +80°C
 Force increase by temperature..... ±0.3%/°C
 Recommended max. strokes/min.... ~50-130 (at 20°C)
 Max. piston rod velocity..... 1.6 m/s

Mounting Possibilities



Base mount Drop - in
 B, MP