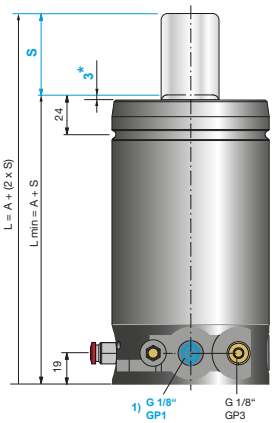
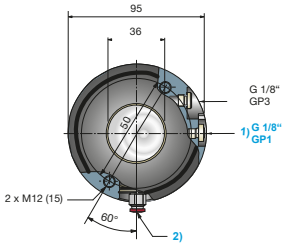


KF2-1500

Gas spring controllable





T: < 80 °C

S = stroke
** Not a stroke reserve*
1) G 1/8" (GP1) - Fitted with M6 charge valve insert & plug (For charging and evacuation)
2) Air connection 4 (for 0.6 mm pneumatic hose)

G1/8" Gas ports are fitted with plug.
Upon delivery, all gas ports are fitted with plugs and the internal gas pressure is zero bar.
We recommend the threaded holes in the base of the KF2 springs be used for mounting.

S	S min - S max	A	bar	F1 [daN]	F2 [daN]	Order No.
5	5-160	125	150	1500	2200	KF2-1500-5
10	10-160	125	150	1500	2200	KF2-1500-10
15	15-160	125	150	1500	2200	KF2-1500-15
20	20-160	125	150	1500	2200	KF2-1500-20
25	25-160	125	150	1500	2200	KF2-1500-25
30	30-160	125	150	1500	2200	KF2-1500-30
35	35-160	125	150	1500	2200	KF2-1500-35
50	50-160	125	150	1500	2200	KF2-1500-50
55	55-160	125	150	1500	2200	KF2-1500-55
60	60-160	125	150	1500	2200	KF2-1500-60
65	65-160	125	150	1500	2200	KF2-1500-65
70	70-160	125	150	1500	2200	KF2-1500-70
75	75-160	125	150	1500	2200	KF2-1500-75
80	80-160	125	150	1500	2200	KF2-1500-80
85	85-160	125	150	1500	2200	KF2-1500-85
90	90-160	125	150	1500	2200	KF2-1500-90
95	95-160	125	150	1500	2200	KF2-1500-95
100	100-160	125	150	1500	2200	KF2-1500-100
105	105-160	125	150	1500	2200	KF2-1500-105
110	110-160	125	150	1500	2200	KF2-1500-110
115	115-160	125	150	1500	2200	KF2-1500-115
120	120-160	125	150	1500	2200	KF2-1500-120
125	125-160	125	150	1500	2200	KF2-1500-125
130	130-160	125	150	1500	2200	KF2-1500-130
140	140-160	125	150	1500	2200	KF2-1500-140
145	145-160	125	150	1500	2200	KF2-1500-145
150	150-160	125	150	1500	2200	KF2-1500-150
155	155-160	125	150	1500	2200	KF2-1500-155
160	160-160	125	150	1500	2200	KF2-1500-160

D 3002B 09.2025



KF2-1500

Gas spring controllable

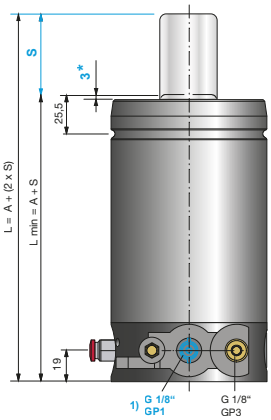
Technical information	
Pressure medium	N_2
Max. charge pressure	150 bar
Min. charge pressure	25 bar
Operating temperature	0 °C - +80 °C
Force increase by temperature	0,3 % / 1 °C
Max. piston rod velocity	0,8 m/s
Return speed piston rod	~0,22 m/s

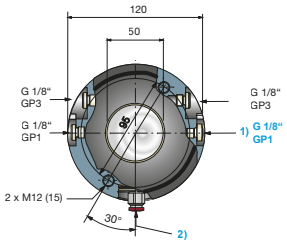
Increased stroke length reduces the speed.
KF2 springs with even slower return speeds are available on request.



KF2-3000

Gas spring controllable





T: < 80 °C

S = stroke
** Not a stroke reserve*
1) G 1/8" (GP1) - Fitted with M6 charge valve insert & plug (For charging and evacuation).
2) Air connection 4 for 0,6 mm pneumatic hose.

G1/8" Gas ports are fitted with plug.
Upon delivery, all gas ports are fitted with plugs and the internal gas pressure is zero bar.
We recommend the threaded holes in the base of the KF2 springs be used for mounting.

S	S min - S max	A	bar	F1 [daN]	F2 [daN]	Order No.
6	6-160	135	150	3000	4200	KF2-3000-6
10	10-160	135	150	3000	4200	KF2-3000-10
15	15-160	135	150	3000	4200	KF2-3000-15
20	20-160	135	150	3000	4200	KF2-3000-20
25	25-160	135	150	3000	4200	KF2-3000-25
30	30-160	135	150	3000	4200	KF2-3000-30
35	35-160	135	150	3000	4200	KF2-3000-35
40	40-160	135	150	3000	4200	KF2-3000-40
45	45-160	135	150	3000	4200	KF2-3000-45