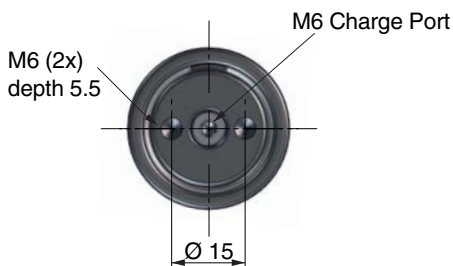
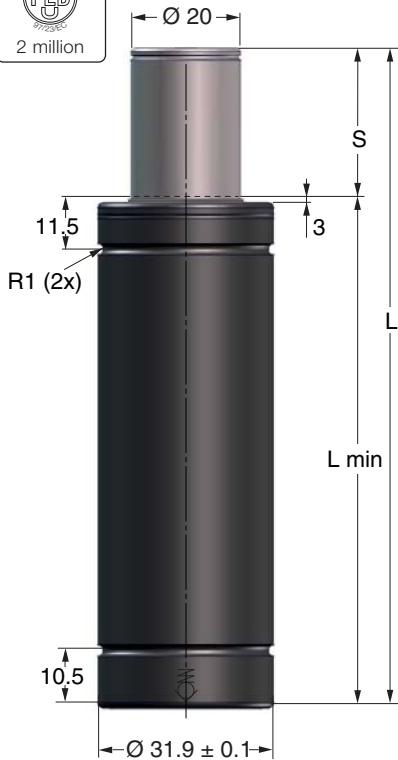


CU4 740



The CU4 gas springs are a very compact Bore Sealed gas springs, offering impressive force in a compact body.

Springs with stroke lengths over 25 mm should always be attached to the tool, using a flange or the tapped holes in the bottom of the spring. We also recommend fixing of shorter stroke springs for optimal service life.

Order No.	S stroke	Force in N at 150 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**				
CU4 740-006	6		10,000		2,200	63	57	0.012	0.20
CU4 740-010	10		10,000		2,250	75	65	0.017	0.24
CU4 740-016	16		11,000		2,475	93	77	0.024	0.28
CU4 740-025	25	7,400	12,000	1,660	2,700	120	95	0.034	0.33
CU4 740-032	32*		12,000		2,700	140	108	0.042	0.37
CU4 740-040	40*		12,000		2,700	165	125	0.052	0.42
CU4 740-050	50*		12,000		2,700	195	145	0.063	0.48

* = Should always be attached to the tool using the tapped holes in the bottom or a flange
 ** = at full stroke

Basic Information

For general information see "About gas springs", 2.1
 Pressure medium Nitrogen
 Max. charging pressure 150 bar (at 20° C)
 Min. charging pressure 25 bar (at 20° C)
 Operating temperature 0 to +80°C
 Force increase by temperature ±0.3%/°C
 Recommended max strokes/min ... ~ 50-100 (at 20°C)
 Max piston rod velocity 0.8 m/s

Rod surface..... Nitrided
 Tube surface Nitrided
 Repair kit Non-repairable

Mounting Possibilities

