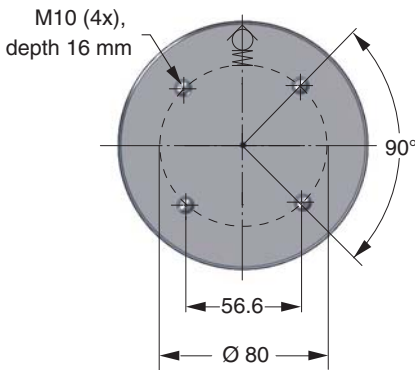
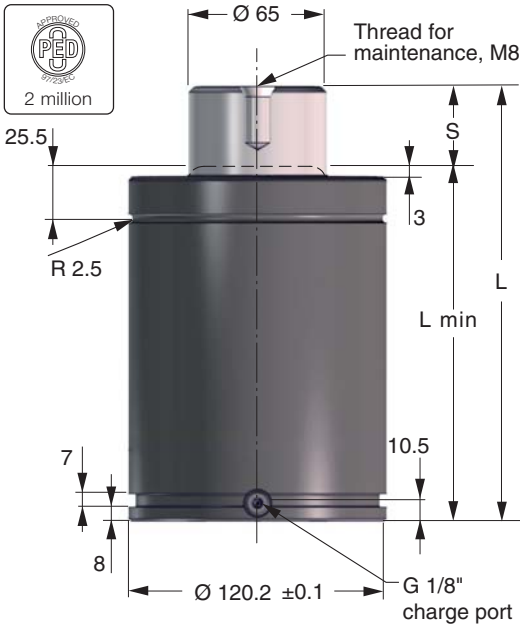


TU 5000



The TU line constitutes our standard line of gas springs. Sizes 250 to 10,000 conform to the ISO 11901 gas spring standard.

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)	ISO
		Initial	End force*	Initial	End force*					
TU 5000-025	** 25		71,000		15,960	190	165	0.32	12.40	✓
TU 5000-038	** 38.1		75,000		16,860	216.2	178.1	0.42	13.10	
TU 5000-050	** 50		77,000		17,310	240	190	0.51	13.70	✓
TU 5000-064	** 63.5		80,000		17,990	267	203.5	0.60	14.40	
TU 5000-080	** 80		81,000		18,210	300	220	0.73	15.30	✓
TU 5000-100	** 100	50,000	82,000	11,240	18,430	340	240	0.89	16.40	✓
TU 5000-125	** 125		82,000		18,430	390	265	1.09	17.70	✓
TU 5000-160	** 160		83,000		18,660	460	300	1.36	19.60	✓
TU 5000-200	** 200		84,000		18,880	540	340	1.68	21.70	
TU 5000-250	** 250		84,000		18,880	640	390	2.07	22.40	
TU 5000-300	** 300		84,000		18,880	740	440	2.46	27.10	

* = at full stroke

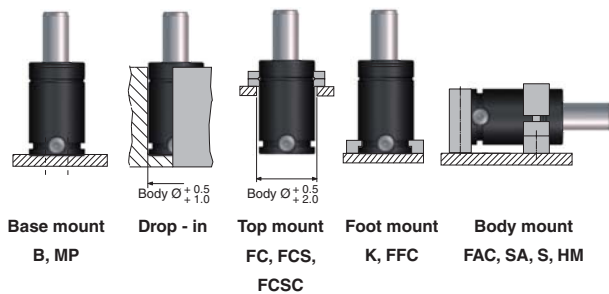
** Recommended stroke length for optimal delivery

Basic Information

- For general information see "About gas springs", 2.1
- Pressure medium Nitrogen
- Max. charging pressure 150 bar
- Min. charging pressure 25 bar
- Operating temperature 0 to +80°C
- Force increase by temperature ±0.3%/°C
- Recommended max strokes/min ~ 15-40 (at 20°C)
- Max piston rod velocity 1.6 m/s
- Rod surface Nitrided
- Tube surface Black oxide
- * Repair kit 3018876

*Identified by circular rings on the top of tube, guide and rod.

Mounting Possibilities



Note! For dimensions on mounting possibilities K-5000, FAC-5000, SA-5000 and FCSC-5000 refer to Chapter 3.