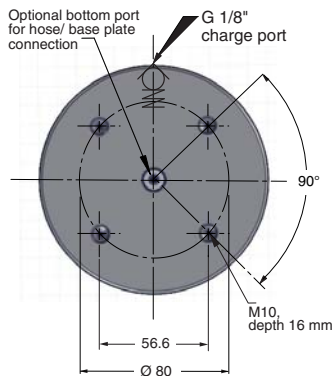
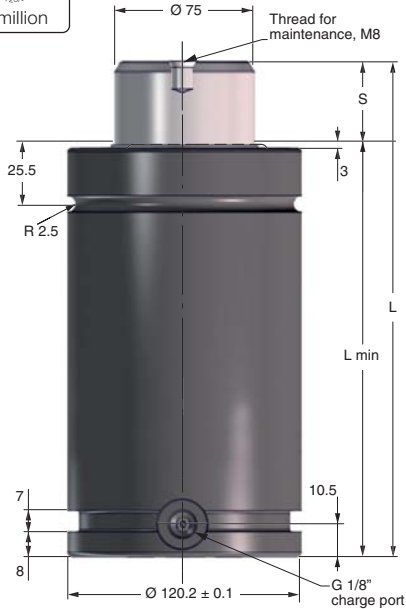


TX 6600



The Power Line - Heavy Duty series is a crossover between the standard TU Series and the Power Line X Series.

These gas springs are available with forces from 9,200 N up to 95,000 N and stroke lengths between 13 and 300 mm.

There is an optional bottom port for hose/base plate connection.

An upper C-groove, lower U-groove and bottom threaded holes allow various mounting possibilities using our standard mounts.

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*				
TX 6600-025	** 25	66,300	79,500	14,925	17,900	190	165	0.73	9.28
TX 6600-038	** 38		83,900		18,875	216	178	0.87	9.81
TX 6600-050	** 50		87,000		19,600	240	190	1.00	10.30
TX 6600-063	** 63		89,700		20,200	266	203	1.13	10.83
TX 6600-075	** 75		91,800		20,650	290	215	1.26	11.32
TX 6600-080	** 80		92,600		20,825	300	220	1.31	11.52
TX 6600-100	** 100		95,100		21,500	340	240	1.53	12.33
TX 6600-125	** 125		97,600		21,950	390	265	1.79	13.35
TX 6600-150	** 150		99,500		22,400	440	290	2.05	14.36
TX 6600-160	** 160		100,100		22,525	460	300	2.16	14.77
TX 6600-175	** 175		101,000		22,725	490	315	2.32	15.38
TX 6600-200	** 200		102,200		23,000	540	340	2.58	16.40
TX 6600-250	** 250		104,000		23,400	640	390	3.11	18.43
TX 6600-300	** 300		105,300		23,700	740	440	3.64	20.46

* = at full stroke

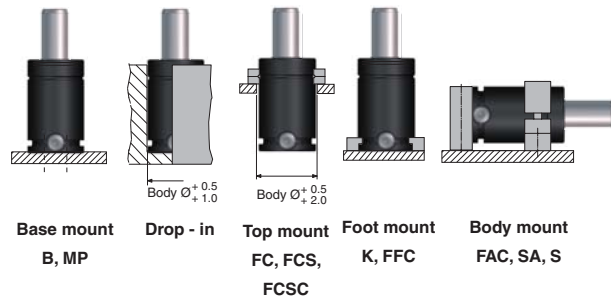
** Recommended stroke length for optimal delivery

Basic Information

For general information see "About gas springs", 2.1
 Pressure medium Nitrogen
 Max. charging pressure 150 bar (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 ... ~ 30 to 100 (at 20°C)
 Max piston rod velocity 1.6 m/s

Rod surface Nitrided
 Tube surface Black oxide
 Repair kit 3022954

Mounting Possibilities



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