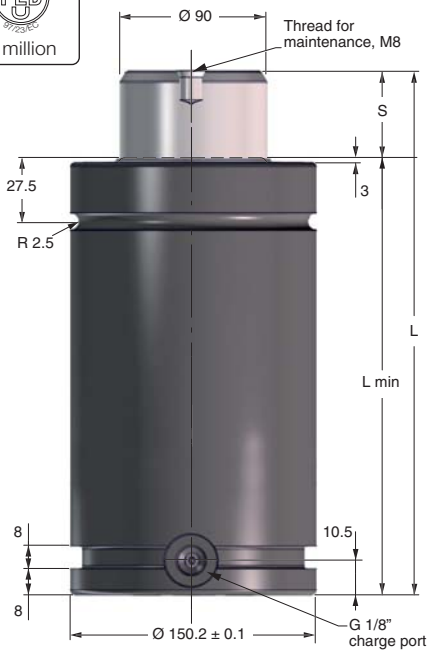
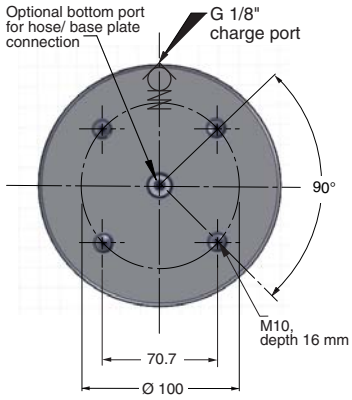
TX 9500

2 million





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 7,400 N up to 200,000 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 Initial	Force in N at 150 bar/+20°C End force*	Force in lbf at 150 bar/+20°C Initial	Force in lbf at 150 bar/+20°C End force*	L ±0.25	L min.	Gas vol. (l)	Weight (kg)
TX 9500-025	**	25	95,000	113,200	21,400	25,500	205	180	1.09	16.86
TX 9500-038	**	38		119,000		26,800	231	193	1.30	17.70
TX 9500-050	**	50		123,300		27,730	255	205	1.49	18.48
TX 9500-063	**	63		127,000		28,550	281	218	1.69	19.32
TX 9500-075	**	75		129,700		29,200	305	230	1.88	20.10
TX 9500-080	**	80		130,800		29,430	315	235	1.96	20.42
TX 9500-100	**	100		134,300		30,200	355	255	2.28	31.72
TX 9500-125	**	125		137,600		31,000	405	280	2.67	23.35
TX 9500-150		150		140,200		31,530	455	305	3.07	24.97
TX 9500-160	**	160		141,000		31,730	475	315	3.23	25.62
TX 9500-175		175		142,200		31,990	505	330	3.47	26.59
TX 9500-200	**	200		143,800		32,360	555	355	3.86	28.21
TX 9500-250	**	250		146,300		32,930	655	405	4.65	31.46
TX 9500-300	**	300		148,200		33,340	755	455	5.44	34.70

* = at full stroke

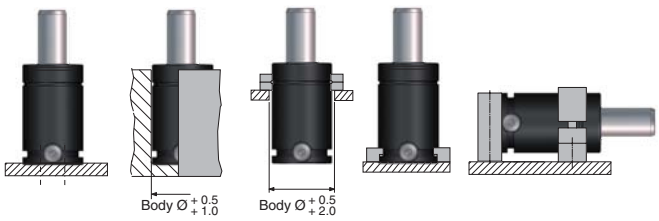
** Recommended stroke length for optimal delivery

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 3022901

Mounting Possibilities



Base mount B, MP | **Drop - in** | **Top mount** FC, FCS, FCSC | **Foot mount** K, FFC | **Body mount** S

Note! For dimensions on mounting possibilities K-7500 and FCSC-7500 refer to Chapter 3.