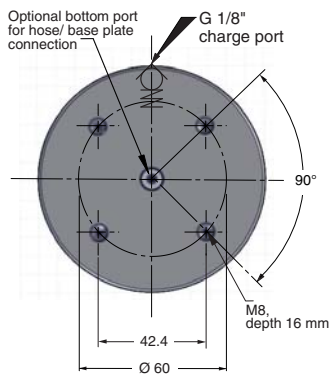
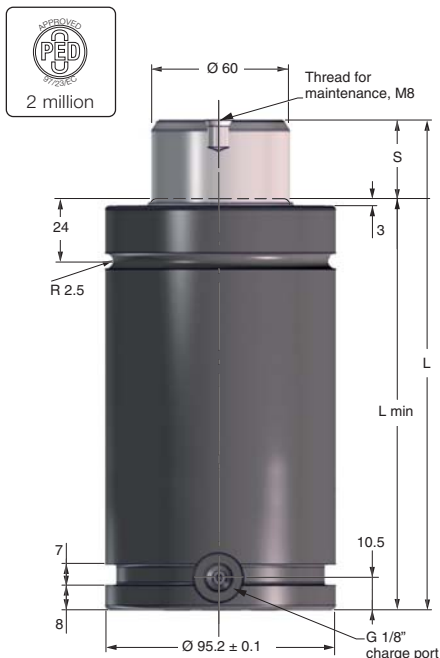


TX 4200



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 4200-025	** 25	42,000	52,100	9,440	11,725	170	145	0.43	5.08
TX4200-038	** 38		55,100		12,400	196	158	0.52	5.41
TX 4200-050	** 50		57,200		12,875	220	170	0.60	5.71
TX 4200-063	** 63		59,000		13,275	246	183	0.68	6.05
TX 4200-075	** 75		60,300		13,575	270	195	0.76	6.35
TX 4200-080	** 80		60,800		13,700	280	200	0.80	6.48
TX 4200-100	** 100		62,500		14,050	320	220	0.93	6.99
TX 4200-125	** 125		64,000		14,400	370	245	1.10	7.63
TX 4200-150	** 150		65,100		14,650	420	270	1.27	8.27
TX 4200-160	** 160		65,500		14,750	440	280	1.33	8.53
TX 4200-175	** 175		66,000		14,850	470	295	1.43	8.91
TX 4200-200	** 200		66,800		15,025	520	320	1.60	9.55
TX 4200-250	** 250		67,900		15,275	620	370	1.93	11.08
TX 4200-300	** 300		68,700		15,450	720	420	2.27	12.11

* = at full stroke

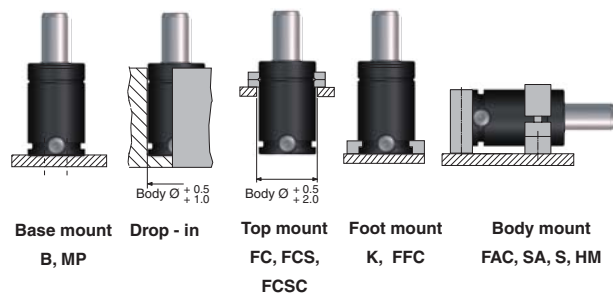
** Recommended stroke length for optimal delivery

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 ... ~ 40 to 100 (at 20°C)
 Max piston rod velocity 1.6 m/s

Rod surface Nitrided
 Tube surface Black oxide
 Repair kit 3022953

Mounting Possibilities



Note! For dimensions on mounting possibilities K-3000, FAC-3000, SA-3000, HM-3000 and FCSC-3000 refer to Chapter 3.