

TNK 400 Dimensional Information

Part Number Model x Stroke	Stroke S		Contact Force		Y		L	
	in	mm	lbs	N	in*	mm**	in	mm
TNK 400 x 0.25	0.25	6.3	810	3610	2.5	63.5	2.25	57.2
TNK 400 x 0.5	0.50	12.7			3.0	76.2	2.50	63.5
TNK 400 x 0.75	0.75	19.0			3.5	88.9	2.75	69.9
TNK 400 x 1	1.00	25.4			4.0	101.6	3.00	76.2
TNK 400 x 1.5	1.50	38.1			5.0	127.0	3.50	88.9
TNK 400 x 2	2.00	50.8			6.0	152.4	4.00	101.6
TNK 400 x 2.5	2.50	63.5			7.0	177.8	4.50	114.3
TNK 400 x 3	3.00	76.2			8.0	203.2	5.00	127.0

*±0.010 in. **±0.25mm

TNK 400 Force Chart (at 138 bar/2000 psi)

in mm	0.00 0.0	0.25 6.4	0.50 12.7	0.75 19.1	1.00 25.4	1.50 38.1	2.00 50.8	2.50 63.5	3.00 76.2
	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN
0.25 in 6.4 mm	810 3.61	1380 6.14							
0.50 in 12.7 mm	810 3.61	1020 4.54	1380 6.14						
0.75 in 19.1 mm	810 3.61	940 4.19	1120 4.98	1390 6.18					
1.00 in 25.4 mm	810 3.61	910 4.03	1020 4.54	1180 5.25	1390 6.18				
1.50 in 38.1 mm	810 3.61	870 3.88	940 4.19	1020 4.54	1120 4.98	1390 6.18			
2.00 in 50.8 mm	810 3.61	860 3.81	910 4.03	960 4.28	1030 4.56	1180 5.25	1390 6.18		
2.50 in 63.5 mm	810 3.61	850 3.77	890 3.94	930 4.13	970 4.33	1080 4.81	1220 5.41	1390 6.18	
3.00 in 76.2 mm	810 3.61	840 3.74	870 3.88	910 4.03	940 4.19	1030 4.56	1120 4.98	1240 5.53	1380 6.18

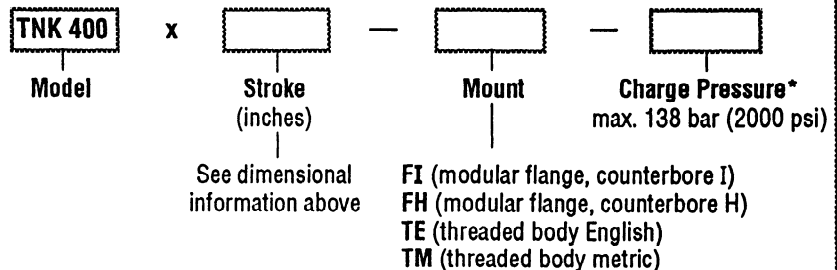
NOTES: To order, specify suffix -TE for English assembly and -TM for metric assembly.

One lock nut is included with each threaded body spring.

To order lock nut separately:
English Part No. 56-072-2013
Metric Part No. 56-072-2013M

The TNK 400-TE or -TM can be threaded into the die gas spring part *from the piston rod end only*.

TNK 400 Ordering Options



* All Tanker XP Series gas springs are shipped uncharged unless otherwise specified.

NOTE: All dimensions are nominal unless tolerance is stated. Data shown are typical. Actual data for any particular unit may vary from those shown here.