



Tanker XP Series

TNK 5.5/TNK 9 Force Charts

TNK 5.5 Force Chart (at 130 bar/2000 psi)

in mm	0.0 0	0.5 13	1.0 25	1.5 38	2.0 51	2.5 64	3.0 76	3.5 89	4.0 102	4.5 114	5.0 127	5.5 140	6.0 152	6.5 165	7.0 178	
	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	
0.5 in 13 mm	6910 30.74	8510 37.85														
1.0 in 25 mm	6910 30.74	7950 35.36	9370 41.66													
1.5 in 38 mm	6910 30.74	7680 34.16	8660 38.52	9920 44.12												
2.0 in 51 mm	6910 30.74	7550 33.49	8270 36.78	9170 40.79	10290 45.77											
2.5 in 64 mm	6910 30.74	7420 33.00	8020 35.67	8720 38.79	9550 42.48	10560 46.97										
3.0 in 76 mm	6910 30.74	7350 32.69	7840 34.87	8420 37.45	9080 40.39	9880 43.81	10760 47.86									
3.5 in 89 mm	6910 30.74	7290 32.43	7720 34.34	8200 36.47	8750 38.92	9370 41.68	10090 44.88	10930 48.62								
4.0 in 102 mm	6910 30.74	7250 32.25	7620 33.89	8040 35.76	8500 37.81	9020 40.12	9610 42.75	10280 45.73	11060 49.19							
4.5 in 114 mm	6910 30.74	7210 32.07	7550 33.58	7910 35.18	8320 37.01	8760 38.96	9260 41.19	9820 43.68	10450 46.48	11160 49.64						
5.0 in 127 mm	6910 30.74	7180 31.94	7490 33.32	7810 34.74	8170 36.34	8560 38.97	8990 39.99	9470 42.12	10000 44.48	10590 47.10	11250 50.04					
5.5 in 140 mm	6910 30.74	7160 31.85	740 33.09	7730 34.38	8050 35.81	8400 37.36	8780 39.05	9190 40.88	9650 42.92	10150 45.15	10710 47.64	11330 50.40				
6.0 in 152 mm	6910 30.74	7140 31.76	7330 32.87	7660 34.07	7950 35.36	8280 36.74	8660 38.25	9070 39.90	9520 41.88	10000 43.59	10590 45.73	11280 48.08	11900 50.71			
6.5 in 165 mm	6910 30.74	7120 31.67	7300 32.74	7600 33.80	7870 35.01	8150 36.25	8460 37.63	8790 39.10	9140 40.65	9530 42.39	9940 44.21	10400 46.26	10900 48.48	11450 50.93		
7.0 in 178 mm	6910 30.74	7110 31.63	7300 32.60	7550 33.58	7800 34.69	8060 35.85	8330 37.05	8630 38.39	8950 39.81	9300 41.37	9660 43.01	10070 44.79	10500 46.75	10980 48.84	11500 51.15	

TNK 9 Force Chart (at 128 bar/2000 psi)

in mm	0.0 0	0.5 13	1.0 25	1.5 38	2.0 51	2.5 64	3.0 76	3.5 89	4.0 102	4.5 114	5.0 127	5.5 140	6.0 152	6.5 165	7.0 178	7.5 191	8.0 203
	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN	lbs kN
0.5 in 13 mm	10830 48.17	13290 59.11															
1.0 in 25 mm	10830 48.17	12440 55.33	14620 65.33														
1.5 in 38 mm	10830 48.17	12030 53.51	13530 60.18	15450 68.72													
2.0 in 51 mm	10830 48.17	11790 52.44	12930 57.51	14310 63.65	16020 71.26												
2.5 in 64 mm	10830 48.17	11620 51.69	12540 55.78	13620 60.58	14900 66.28	16440 73.13											
3.0 in 76 mm	10830 48.17	11510 51.20	12280 54.62	13160 58.54	14170 63.03	15350 68.28	16750 74.50										
3.5 in 89 mm	10830 48.17	11420 50.80	12080 53.73	12830 57.07	13670 60.80	14620 65.03	15720 69.92	17000 75.62									
4.0 in 102 mm	10830 48.17	11380 50.53	11940 53.11	12580 55.96	13290 59.11	14090 62.67	15000 65.72	16020 71.26	17200 76.51								
4.5 in 114 mm	10830 48.17	11300 50.26	11820 52.58	12390 55.11	13010 57.87	13690 60.89	14460 64.32	15310 68.10	16280 72.41	17370 77.26							
5.0 in 127 mm	10830 48.17	11260 50.08	11730 52.18	12230 54.40	12780 56.85	13380 59.51	14040 62.45	14770 65.70	15580 69.30	16490 73.35	17500 77.84						
5.5 in 140 mm	10830 48.17	11230 49.95	11650 51.82	12100 53.82	12600 56.04	13130 58.40	13710 60.98	14350 63.83	15050 66.94	15820 70.37	16670 74.15	17620 78.37					
6.0 in 152 mm	10830 48.17	11190 49.77	11580 51.51	12000 53.38	12440 55.33	12930 57.51	13450 59.83	14010 62.32	14620 65.03	15290 68.01	16020 71.26	16830 74.66	17720 78.82				
6.5 in 165 mm	10830 48.17	11170 49.68	11530 51.29	11910 52.98	12320 54.80	12750 56.71	13220 58.80	13730 61.07	14270 63.47	14860 66.10	15510 68.99	16200 72.06	16970 75.48	17810 79.22			
7.0 in 178 mm	10830 48.17	11150 49.60	11480 51.06	11830 52.62	12210 54.31	12610 56.09	13040 58.00	13490 60.00	13980 62.18	14510 64.54	15080 67.08	15700 69.83	16370 72.81	17090 76.02	17890 79.57		
7.5 in 191 mm	10830 48.17	11130 49.51	11440 50.89	11770 52.35	12110 53.87	12480 55.51	12880 57.29	13290 59.11	13740 61.12	14220 63.25	14730 65.52	15280 67.97	15870 70.59	16510 73.44	17200 76.51	17960 79.89	
8.0 in 203 mm	10830 48.17	11110 49.42	11400 50.71	11710 52.09	12030 53.51	12370 55.02	12740 56.67	13120 58.36	13530 60.18	13960 62.09	14430 64.18	14920 66.36	15450 68.72	16020 71.26	16640 74.01	17300 76.95	18020 80.15

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.