



Table 1B - Pressure, BAR (for one jack)

Piston Diameter (Millimeters)

	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	
200	6.9	3.9	2.5	1.7	1.3	1.0	0.8	0.6	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	200
400	13.9	7.8	5.0	3.5	2.6	2.0	1.5	1.3	1.0	0.9	0.7	0.6	0.6	0.5	0.4	0.4	0.3	0.3	400
600	20.8	11.7	7.5	5.2	3.8	2.9	2.3	1.9	1.5	1.3	1.1	1.0	0.8	0.7	0.6	0.6	0.5	0.5	600
800	27.8	15.6	10.0	6.9	5.1	3.9	3.1	2.5	2.1	1.7	1.5	1.3	1.1	1.0	0.9	0.8	0.7	0.6	800
1000	34.7	19.5	12.5	8.7	6.4	4.9	3.9	3.1	2.6	2.2	1.8	1.6	1.4	1.2	1.1	1.0	0.9	0.8	1000
1200	41.7	23.4	15.0	10.4	7.7	5.9	4.6	3.8	3.1	2.6	2.2	1.9	1.7	1.5	1.3	1.2	1.0	0.9	1200
1400	48.6	27.3	17.5	12.2	8.9	6.8	5.4	4.4	3.6	3.0	2.6	2.2	1.9	1.7	1.5	1.4	1.2	1.1	1400
1600	55.6	31.3	20.0	13.9	10.2	7.8	6.2	5.0	4.1	3.5	3.0	2.6	2.2	2.0	1.7	1.5	1.4	1.3	1600
1800	62.5	35.2	22.5	15.6	11.5	8.8	6.9	5.6	4.6	3.9	3.3	2.9	2.5	2.2	1.9	1.7	1.6	1.4	1800
2000	69.4	39.1	25.0	17.4	12.8	9.8	7.7	6.3	5.2	4.3	3.7	3.2	2.8	2.4	2.2	1.9	1.7	1.6	2000
2200	76.4	43.0	27.5	19.1	14.0	10.7	8.5	6.9	5.7	4.8	4.1	3.5	3.1	2.7	2.4	2.1	1.9	1.7	2200
2400		46.9	30.0	20.8	15.3	11.7	9.3	7.5	6.2	5.2	4.4	3.8	3.3	2.9	2.6	2.3	2.1	1.9	2400
2600		50.8	32.5	22.6	16.6	12.7	10.0	8.1	6.7	5.6	4.8	4.1	3.6	3.2	2.8	2.5	2.3	2.0	2600
2800		54.7	35.0	24.3	17.9	13.7	10.8	8.8	7.2	6.1	5.2	4.5	3.9	3.4	3.0	2.7	2.4	2.2	2800
3000		58.6	37.5	26.0	19.1	14.6	11.6	9.4	7.7	6.5	5.5	4.8	4.2	3.7	3.2	2.9	2.6	2.3	3000
3200		62.5	40.0	27.8	20.4	15.6	12.3	10.0	8.3	6.9	5.9	5.1	4.4	3.9	3.5	3.1	2.8	2.5	3200
3400		66.4	43.5	29.5	21.7	16.6	13.1	10.6	8.8	7.7	6.3	5.4	4.7	4.6	3.7	3.3	2.9	2.7	3400
3600		70.3	45.0	31.3	23.0	17.6	13.9	11.3	9.3	7.8	6.7	5.7	5.0	4.2	3.9	3.5	3.1	2.8	3600
3800		74.2	47.5	33.0	24.2	18.6	14.7	11.9	9.8	8.2	7.0	6.1	5.3	4.6	4.1	3.7	3.3	3.0	3800
4000		78.1	50.0	34.7	25.5	19.5	15.4	12.5	10.3	8.7	7.5	6.4	5.6	4.9	4.3	3.9	3.5	3.1	4000
4500			56.3	39.1	28.7	22.0	17.4	14.1	11.6	9.8	8.3	7.2	6.3	5.5	4.9	4.3	3.9	3.5	4500
5000			62.5	43.4	31.9	24.4	19.3	15.6	12.9	10.9	9.2	8.0	6.9	6.1	5.4	4.8	4.3	3.9	5000
5500			68.8	47.7	35.1	26.9	21.2	17.2	14.2	11.9	10.2	8.8	7.6	6.7	5.9	5.3	4.8	4.3	5500
6000			75.0	52.1	38.3	29.3	23.1	18.8	15.5	13.0	11.1	9.6	8.3	7.3	6.5	5.8	5.2	4.7	6000
7000				60.8	44.6	34.3	27.0	21.9	18.1	15.2	12.9	11.2	9.7	8.5	7.6	6.8	6.1	5.5	7000
8000				69.4	51.0	39.1	30.9	25.0	20.7	17.4	14.8	12.8	11.1	9.8	8.7	7.7	6.9	6.3	8000
9000				78.1	57.4	43.9	34.7	28.1	23.2	19.5	16.6	14.3	12.5	11.0	9.7	8.7	7.8	7.0	9000
10000					63.8	48.8	38.6	31.3	25.8	21.7	18.5	15.9	13.9	12.2	10.8	9.6	8.7	7.8	10000
15000						73.2	57.9	46.9	38.7	32.6	27.7	23.9	20.8	18.3	16.2	14.5	13.0	11.7	15000
20000							77.2	62.5	51.7	43.4	37.0	31.9	27.8	24.4	21.6	19.3	17.3	15.6	20000

Pressure (BAR) = Load (kg) / (.008 x (piston diameter in mm)²)

