



TAPER PLUG VALVES

Pressure conversion

Pounds/square inch (psi) to kg/cm²

1-40		41-80		81-200		205-500		510-900		910-1500	
psi	kg/cm ²	psi	kg/cm ²	psi	kg/cm ²	psi	kg/cm ²	psi	kg/cm ²	psi	kg/cm ²
1	.07	41	2.88	81	5.69	205	14.41	510	35.86	910	63.98
2	.14	42	2.95	82	5.77	210	14.76	520	36.56	920	64.68
3	.21	43	3.02	83	5.84	215	15.12	530	37.26	930	65.39
4	.28	44	3.09	84	5.91	220	15.47	540	37.97	940	66.09
5	.35	45	3.16	85	5.98	225	15.82	550	38.67	950	66.79
6	.42	46	3.23	86	6.05	230	16.17	560	39.37	960	67.49
7	.49	47	3.30	87	6.12	235	16.52	570	40.07	970	68.20
8	.56	48	3.37	88	6.19	240	16.87	580	40.78	980	68.90
9	.63	49	3.45	89	6.26	245	17.23	590	41.48	990	69.60
10	.70	50	3.52	90	6.33	250	17.58	600	42.18	1000	70.31
11	.77	51	3.59	91	6.40	255	17.93	610	42.89	1010	71.01
12	.84	52	3.66	92	6.47	260	18.28	620	43.59	1020	71.71
13	.91	53	3.73	93	6.54	265	18.63	630	44.29	1030	72.42
14	.98	54	3.80	94	6.61	270	18.98	640	45.00	1040	73.12
15	1.05	55	3.87	95	6.68	275	19.33	650	45.70	1050	73.82
16	1.12	56	3.94	96	6.75	280	19.69	660	46.40	1060	74.52
17	1.20	57	4.01	97	6.82	285	20.04	670	47.11	1070	75.23
18	1.27	58	4.08	98	6.89	290	20.39	680	47.81	1080	75.93
19	1.34	59	4.15	99	6.96	295	20.74	690	48.51	1090	76.63
20	1.41	60	4.22	100	7.03	300	21.09	700	49.21	1100	77.34
21	1.48	61	4.29	105	7.38	310	21.80	710	49.92	1120	78.74
22	1.55	62	4.36	110	7.73	320	22.50	720	50.62	1140	80.15
23	1.62	63	4.43	115	8.09	330	23.20	730	51.35	1160	81.56
24	1.69	64	4.50	120	8.44	340	23.90	740	52.03	1180	82.96
25	1.76	65	4.57	125	8.79	350	24.61	750	52.73	1200	84.37
26	1.83	66	4.64	130	9.14	360	25.31	760	53.43	1220	85.77
27	1.90	67	4.71	135	9.49	370	26.01	770	54.14	1240	87.18
28	1.97	68	4.78	140	9.84	380	26.72	780	54.84	1260	88.59
29	2.04	69	4.85	145	10.19	390	27.42	790	55.54	1280	89.99
30	2.11	70	4.92	150	10.55	400	28.12	800	56.25	1300	91.40
31	2.18	71	4.99	155	10.90	410	28.83	810	56.95	1320	92.80
32	2.25	72	5.06	160	11.25	420	29.53	820	57.65	1340	94.21
33	2.32	73	5.13	165	11.60	430	30.23	830	58.35	1360	95.62
34	2.39	74	5.20	170	11.95	440	30.93	840	59.06	1380	97.02
35	2.46	75	5.27	175	12.30	450	31.64	850	59.76	1400	98.43
36	2.53	76	5.34	180	12.66	460	32.34	860	60.46	1420	99.84
37	2.60	77	5.41	185	13.01	470	33.04	870	61.17	1440	101.24
38	2.67	78	5.48	190	13.36	480	33.75	880	61.87	1460	102.65
39	2.74	79	5.55	195	13.71	490	34.45	890	62.57	1480	104.05
40	2.81	80	5.62	200	14.06	500	35.15	900	63.28	1500	105.46

Note: 1 atmosphere pressure = 14,7 psi = 1,033 Kg. per sq. cm
 1 psi = 2,31 feet head of water = 0,0703066 Kg. per sq. cm