DCbox

壓力單位換算表

壓力單位交叉圖

Psig	atms.	Ft.Hd. H_2O at 20℃	in H2O	Kg/cm^2	Meters H_2O	in,. Hg at20℃	mm. Hg	Cm. Hg	Bar	Mill bar (mb)	kPa
1	0.0680	2.310	27.720	0.0700	0.7040	2.043	51.884	5.1880	0.0690	68.947	6.895
14.696	1	33.659	407.513	1.0330	10.3510	30.019	762.480	76.2840	1.0130	1013.000	101.325
0.433	0.0290	1	12.000	0.0300	0.3050	0.884	22.452	2.2450	0.0300	29.837	2.984
0.036	0.0025	0.833	1	0.0025	0.0250	0.074	1.871	0.1870	0.0025	2.486	0.249
14.233	0.9680	32.867	394.408	1	10.0180	29.054	737.959	73.7960	0.9810	980.662	98.066
1.422	0.0970	3.287	39.370	0.0990	1	2.905	73.796	7.3790	0.0980	98.066	9.807
0.489	0.0330	1.131	13.575	0.0340	0.3450	1	25.400	2.5400	0.0340	33.753	3.375
0.019	0.0013	0.045	0.534	0.0014	0.0136	0.039	1	0.1000	0.0010	1.329	0.133
0.193	0.0131	0.445	5.340	0.0140	0.0136	0.393	10.000	1	0.0133	13.290	1.328
14.503	0.9870	33.514	402.164	1.0200	10.2110	29.625	752.470	75.2470	1	1000.000	100.000
0.014	0.009	0.033	0.402	0.0010	0.0102	0.029	0.752	0.0750	0.0010	1	0.100
0.145	0.0098	0.335	4.021	0.0100	0.1020	0.296	7.525	0.0752	0.0100	10.000	1

公制壓力測量

UNIT	bar	mbar	kbar	Pa	kPa	MPa
1 bar	1	1000	0.001	10^5	100	0.1
1mbar	0.001	1	10^6	100	0.1	10^4
1kbar	1000	10^6	1	10^8	10^5	100
1Pa	10^5	0.01	10^8	1	0.001	10^6
1kPa	0.01	10	10^5	1000	1	0.001
1MPa	10	10^4	0.01	10^6	1000	1

1Pa = 1 N / m^2　　1kPa = kN / m^2　　1Mpa = MN / m^2