

**Conversion Tables****PRESSURE**

PSI	KPA	BAR	MPA
1	6.90	0.07	0.01
2	13.79	0.14	0.01
3	20.69	0.21	0.02
4	27.58	0.28	0.03
5	34.48	0.34	0.03
10	68.95	0.69	0.07
15	103.43	1.03	0.10
20	137.90	1.38	0.14
30	206.85	2.07	0.21
50	344.75	3.45	0.34
60	413.70	4.13	0.41
70	482.65	4.82	0.48
80	551.60	5.51	0.55
90	620.55	6.20	0.62
100	689.50	6.89	0.69
115	792.93	7.92	0.79
125	861.88	8.61	0.86
130	896.35	8.96	0.90
145	999.78	9.99	1.00
150	1034.25	10.34	1.03
160	1103.20	11.02	1.10
190	1310.05	13.09	1.31
200	1379.00	13.78	1.38
210	1447.95	14.47	1.45
220	1516.90	15.16	1.52
230	1585.85	15.85	1.59
250	1723.75	17.23	1.72
500	3447.50	34.45	3.45
1000	6895.00	68.90	6.90
5000	34475.50	344.50	34.48
10000	68950.00	689.00	68.95

KPA	PSI	BAR
1	0.145	0.01
10	1.45	0.1
100	14.5	1
500	72.5	5
1000	145	10
1100	159.5	11
1200	174	12
1300	188.5	13
1400	203	14
1500	217.5	15
1600	232	16
1700	246.5	17
1800	261	18
1900	275.5	19
2000	290	20
2500	362.5	25
2600	377	26
3000	435	30
3500	507.5	35
4000	580	40
4500	652.5	45
5000	13.09	50
10000	1450	100
20000	2900	200
50000	7250	500
100000	14500	1000
150000	21750	1500
200000	29000	2000
250000	36250	2500
300000	43500	3000

**VOLUME**

CONVERT FROM	CONVERT TO	MULTIPLY BY
CFM	L/MIN	28.32
L/MIN	CFM	0.0353
KW	HP	1.34

CFM	L/MIN
1	28.32
2.5	70.8
5	141.6
6	169.92
8	226.56
10	283.2
15	424.8
30	849.6
35	991.2
40	1132.8
50	1416
60	1699.2
70	1982.4
80	2265.6
90	2548.8
100	2832
150	4248
200	5664
250	7080
300	8496
350	9912
400	11328
450	12744

**MEASUREMENT**

TO CONVERT FROM	TO CONVERT TO	MULTIPLY BY
PSI (Pound per square inch)	KPA (Kilopascal)	0.6895
PSI (Pound per square inch)	BAR	0.0689
PSI (Pound per square inch)	MPA (Megapascal)	0.006895
KPA (Kilopascal)	PSI (Pound per square inch)	0.1453
KPA (Kilopascal)	BAR	0.01
BAR	PSI (Pound per square inch)	14.7
BAR	KPA (Kilopascal)	100
KGF/CM2 (Kilogram square centimetre)	PSI (Pound per square inch)	14.23
KGF/CM2 (Kilogram square centimetre)	BAR	0.981

FRACTION INCH	DECIMAL INCH	MILLIMETRES
1/64	0.0156	0.3969
1/32	0.0312	0.7938
1/16	0.0625	1.5875
1/8	0.1250	3.1750
3/16	0.1875	4.7625
1/4	0.2500	6.3500
5/16	0.3125	7.9375
3/8	0.3750	9.5250
1/2	0.5000	12.7000
5/8	0.6250	15.8750
3/4	0.7500	19.0500
1	1.0000	25.4000
1-1/4	1.2500	31.7500
1-1/2	1.5000	38.1000
2	2.0000	50.8000
3	3.0000	76.2000
4	4.0000	106.6000

**To obtain the reverse of these tables simply divide.**

**For example Divide PSI by 14.7 to obtain BAR. Divide KPA by 100 to obtain BAR.**

**Approximate outside dimensions of BSP threads:**

**1/8 BSP = 9.5mm**

**1/4 BSP = 12.8mm**

**3/8 BSP = 16.3mm**

**1/2 BSP = 20.4mm**

**3/4 BSP = 25.9mm**

**1 BSP = 32.6mm**