

FLUID POWER EQUIVALENTS & CONVERSIONS

FLUID POWER EQUIVALENTS

1 ATMOSPHERE AT SEA LEVEL = 1.013 BAR
29.921 INCHES Hg
14.696 PSI
760 mm Hg

1 HP = 33,000 FT-LB / MINUTE
550 FT-LB / SECOND
2545 BTU / HR
42.4 BTU / MINUTE
746 WATTS

1 US GALLON = 231 CUBIC INCHES
128 LIQUID OUNCES
3.785 LITERS
0.8333 IMPERIAL GALLONS

1 BAR AT SEA LEVEL = 14.504 PSI
0.98692 ATMOSPHERES
41 FEET OIL COLUMN
33.6 FEET WATER COLUMN

1 PSI = 2.0416 INCHES OF MERCURY
27.771 INCHES OF WATER

FLUID POWER CONVERSIONS

TO CONVERT	INTO	MULTIPLY BY	TO CONVERT	INTO	DIVIDE BY
BAR	PSI	14.5	PSI	BAR	14.5
CC	CUBIC INCH	0.06102	CUBIC INCH	CC	0.06102
KW	HP	1.341	HP	KW	1.341
LITERS	GALLONS	0.2642	GALLONS	LITERS	0.2642
MPa	PSI	145.037	PSI	MPa	145.037
In Hg	PSI	0.4912	PSI	In Hg	0.4912
In H ₂ O	PSI	0.03613	PSI	In H ₂ O	0.03613

ADACONN®  INSERTA® Blue Bell, Pa. 19422	FLUID POWER EQUIVALENTS & CONVERSIONS		
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