

Conversion Factors

TO CONVERT	INTO	MULTIPLY BY	TO CONVERT	INTO	MULTIPLY BY
Kilowatts	BTUs/min	56.92	Newton	kgs	0.1020
kws	ft-lbs/min	4.425 x 10 ⁴	Ounces	lbs	1.805
kws	ft-lbs/sec	737.6	ozs	gram	28.349527
kws	hp	1.341	Ounces (Fluid)	cu in	1.805
kws	kg-calories/min	14.34	ozs (fluid)	liters	0.02957
kws	watts	10 ³	Pounds	ozs	16
Kilowatt-Hrs	BTUs	3415	lbs	tons (short)	0.005
kw-hrs	ft-lbs	2.655 x 10 ⁶	lbs	newtons (N)	4.44
kw-hrs	hp-hours	1.341	lbs	gram	453.5924
kw-hrs	kg-calories	860.5	Lbs of Water	cu ft	0.01605
kw-hrs	kg-meters	3.671 x 10 ⁵	lbs of water	cu in	27.73
Liters	ccs	103	lbs of water	gals	0.1204
liters	cu ft	0.03531	Lbs of Water/Min	cu ft/sec	2.679 x 10 ⁴
liters	cu ins	61.02	Pounds/Cu Ft	lbs/cu in	5.787 x 10 ⁴
liters	cu meters	10 ⁻²	Pounds/Cu In	lbs/cu ft	1728
liters	gals	0.2642	Pounds/Sq In	atms	0.06804
liters	quarts (liq)	1.057	lbs/sq in	ft water	2.311
Liters/Min	gals/sec	4.403 x 10 ⁻³	lbs/sq in	in mercury	2.036
Meters	cms	100	lbs/sq in	kgs/sq cm	0.07031
meters	ft	3.281	Radians	degrees	57.29578
meters	ins	39.37	Tons (Long)	kgs	1016
meters	kms	10 ³	tons (long)	lbs	2240
meters	mms	10 ³	tons (long)	tons (short)	1.12000
meters/min	cms/sec	1.667	Tons (Short)	kgs	2000
meters/min	ft/min	3.281	tons (short)	kps	907.18486
meters/min	ft/sec	0.05468	tons (short)	tons (long)	0.89287
meters/min	kms/hr	0.06	tons (short)	tons (metric)	0.90718
meters/min	miles/hr	0.03728	Watts	BTUs/min	0.05692
Meters/Sec	ft/min	196.8	watts	ft-lbs/min	44.26
meters/sec	ft/sec	3.281	watts	ft-lbs/sec	0.7376
meters/sec	kms/hr	3.6	watts	hp	1.341 x 10 ⁻³
meters/sec	kms/min	0.06	watts	kg-calories/min	0.01434
meters/sec	miles/hr	2.237	watts	kws	10
meters/sec	miles/min	0.03728	Watts/Hours	BTUs	3.415
Micron	meters	10 ⁻⁶	watts/hrs	ft-lbs	2655
microns	in	39 x 10 ⁻⁶	watts/hrs	hp-hrs	1.341 x 10 ⁻³
Miles/Hr	cms/sec	44.70	watts/hrs	kg-calories	0.8605
miles/hr	ft/min	88	watts/hrs	kg-meters	367.1
miles/hr	ft/sec	1.467	watts/hrs	kw-hrs	10 ⁻³
miles/hr	kms/hr	1.609	Minutes (Angle)	radians	2.909 x 10 ⁴
miles/hr	meters/min	26.82			
Millimeters	cms	0.1			
mms	ins	0.0397			