



CONVERSION TABLE

HYDRAULIC AND ENGINEERING DATA

METRIC TO IMPERIAL

METRIC	IMPERIAL	MULTIPLY BY
mm	in	0.039
cm ²	in ²	0.155
cm ³	in ³	0.061
lit.	in ³	61.024
lit.	gall (US)	0.264
lit	gall (Imp)	0.220
bar	psi	14.50
kPa	psi	0.145
mPa	psi	145.033
Nm	lb. ft.	0.738
Nm	lb. in	8.8496
M	ft	3.281
N	lb. (force)	0.225
tonne	ton (US)	1.102
tonne	ton (Imp)	0.984
kg	lb	2.204
kW	HP	1.341
J	Btu	0.00095
dm ³ /s	scfm	2.118

IMPERIAL TO METRIC

IMPERIAL	METRIC	MULTIPLY BY
in	mm	25.4
in ²	cm ²	6.452
in ³	cm ³	16.387
in ³	lit.	0.0164
gall (US)	lit.	3.785
gall (Imp)	lit	4.546
psi	bar	0.069
psi	kPa	6.895
psi	mPa	0.0069
lb. ft.	Nm	1.356
lb. in	Nm	0.1129
ft	M	0.3048
lb. (force)	N	4.448
ton (US)	tonne	0.907
ton (Imp)	tonne	1.016
lb	kg	0.454
HP	kW	0.746
Btu	J	1055
scfm	dm ³ /s	0.472