

GENERAL TECHNICAL INFORMATION

Abbreviations

HRC	Hardness, Rockwell C Scale
Hz	Hertz
In.	Inch
J	Joule
kg	Kilogram
lbf	Pound force
m	Meter
mm	Millimeter
N	Newton
ozf	Ounce force
Pa	pascal

Symbols

M	mega	1,000,000
k	kilo	1,000
h	hecto	100
c	centi	0.01
m	milli	0.001
	micro	0.000001

Conversion Factors, Metric and English Units

	To Convert	Multiply By	To Obtain
Area	in ²	645.2	mm ²
Density	lb./inch ³	27.68	g/cm ³
Force	lbf	4.448	N
	ozf	.278	N
	lbf	.4536	kgf
Frequency	c/s	1.000	Hz
Length	in.	25.4	mm
	ft	304.8	mm
Mass	lb	0.4536	kg
Moduli(E and G)	psi	0.006895	MPa
Pressure	psi	6.895	kPa
Spring Rate	lb/in.	0.1751	N/mm
	lb/in.	1.01785	Kg/mm
Stress	psi	0.006895	MPa
Torque	lbf-in.	112.9	N•mm
	lbf-ft	1355	N•mm
	ozf-in.	7.062	N•mm
Temperature	°F	= (°F - 32) ÷ 1.8	°C
	°C	= 1.8 °C + 32°	°F
Tensile Strength	psi	0.006895	MPa
Volume	in ³	16,387	mm ³
Work	ft-lbf	1.365	J