

Tech Data

Unit Conversion

ENGLISH—to METRIC

Length

1 ft	=	304.8 mm
1 ft	=	.3048 m
1 in	=	25.4 mm

Torque

1 lb-ft	=	.001356 kN-m
1 lb-ft	=	1.356 N-m
1 lb-in	=	.113 N-m

Weight/Force

1 lb	=	.454 kg
1 lb	=	4.45 N
1 lb	=	.00445 kN

Weight

1 lb/in	=	17.9 kg/m
1 lb/ft	=	1.49 kg/m

Speed

1 ft/sec	=	.3048 m/sec
1 in/sec	=	.0254 m/sec

METRIC—to ENGLISH

Length

1 m	=	3.28 ft
1 mm	=	.03937 in
1 m	=	39.37 in

Torque

1 kN-m	=	737.3 lb-ft
1 N-m	=	.737 lb-ft
1 N-m	=	8.847 lb-ft

Weight/Force

1 kg	=	2.205 lb
1 N	=	.225 lb
1 kN	=	224.8 lb

Weight

1 kg/m	=	.056 lb-in
1 kg/m	=	.672 lb-ft

Speed

1 m/sec	=	3.28 ft/sec
1 m/sec	=	39.37 in/sec
