



The Timken Company

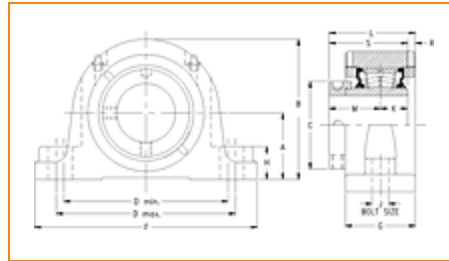
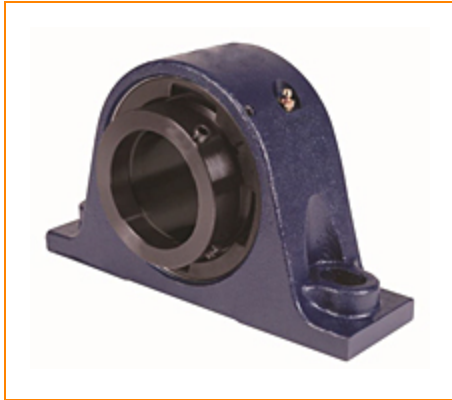
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Timken Part Number QMSN15J075S, Eccentric Two-Bolt Pillow Block



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Specifications

Engineering Group	Mounted Bearing
Bearing Number	22215
Shaft Size	75 mm
Shaft Size Type	Metric
Full Timken Part Number	QMSN15J075SB QMSN15J075SC QMSN15J075SEB QMSN15J075SEC QMSN15J075SEM QMSN15J075SEMNG QMSN15J075SEN QMSN15J075SEO QMSN15J075SET QMSN15J075SM QMSN15J075SMNG QMSN15J075SN QMSN15J075SO

QMSN15J075ST
QMSN15J075STNG

Locking Style	Eccentric
Weight	46.0 lb 20.9 Kg
Housing Construction	Two-Bolt Pillow Block
UPC Code	0883450097529 0883450097536 0883450097550 0883450097567 0883450097574 0883450097581 0883450097598 0883450097604 0883450160988 0883450161343 0883450253642 0883450254038 0883450953108 0883450953115 0883450960380

Dimensions

Dimension A	3.74 in 95.0 mm
Dimension B	7.20 in 183 mm
Dimension C	4.02 in 102.0 mm
Dimension D Max	10.98 in 279.0 mm
Dimension D Min	9.49 in 241.0 mm
Dimension F	12.44 in 316.0 mm

Dimension G	2.990 in 76.00 mm
Dimension H	1.34 in 34.0 mm
Dimension J (Bolt Size)	0.750 in 20 mm
Dimension K	1.26 in 32.0 mm
Dimension L	3.86 in 98.0 mm
Dimension M	2.36 in 60 mm
Dimension R	0.24 in 6.0 mm
Dimension S	3.62 in 92 mm

Radial and Thrust Factors

C0 - Static Load	54100 lb 240 kN
C - Dynamic Load (Basic)	49900 lb 222 kN
e - Geometry Factor	0.22
Y1 - Geometry Factor	3.14
Y2 - Geometry Factor	4.67

Engineering Seal Speed

Oil Lubrication - M/N Seal	1600 rpm
Oil Lubrication - T Seal	2900 rpm

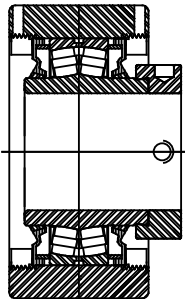
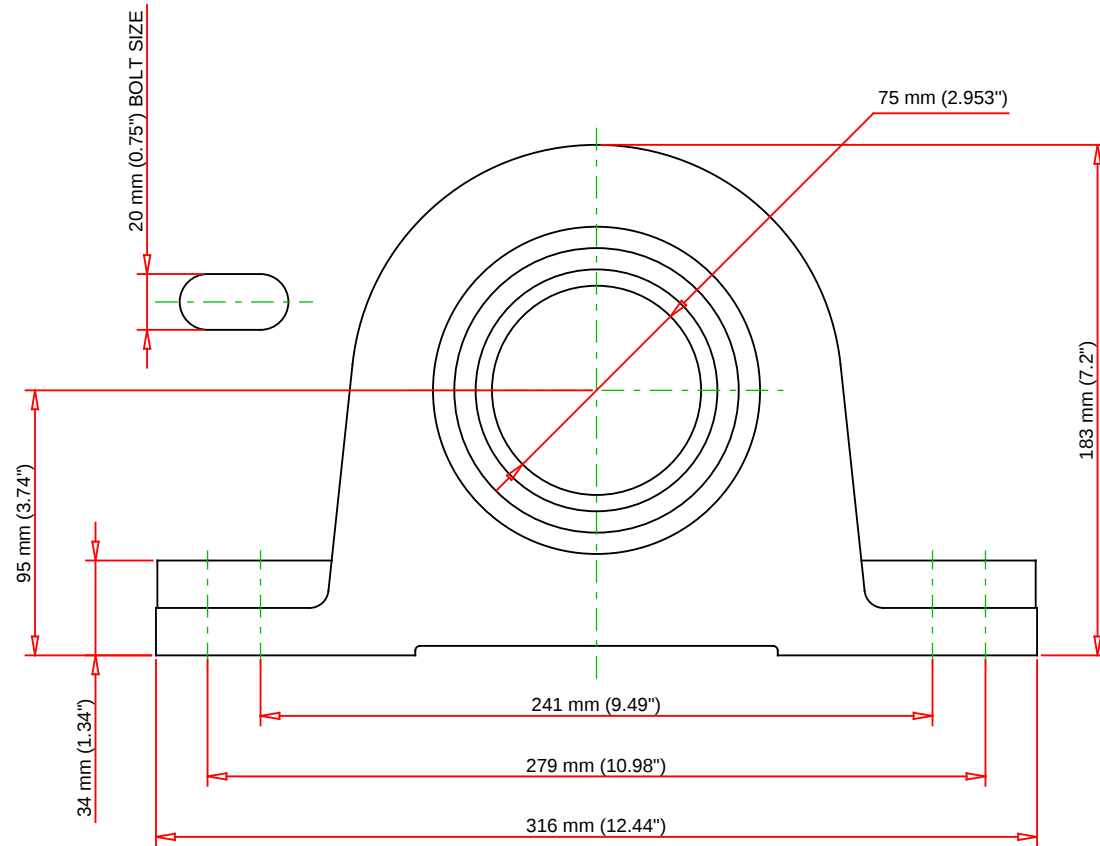
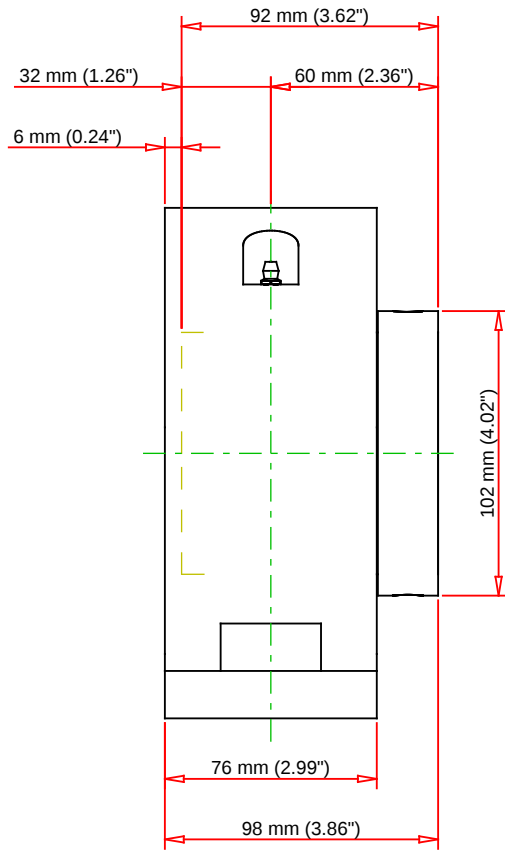
Oil Lubrication - B/C/O Seal	1300 rpm
Grease Lubrication - M/N Seal	1600 rpm
Grease Lubrication - T Seal	2400 rpm
Grease Lubrication - B/C/O Seal	1300 rpm

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
Shaft Tolerance	0.0020 in 0.051 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0020
Eng Internal Radial Clearance - Max	0.0031
Pre Install Clearance Min	0.0020 in 0.050 mm
Pre Install Clearance Max	0.0031 in 0.080 mm



Note: Section View not to Scale

C - Dynamic Load	49900	lb	222	kN
C0 - Static Load	54100	lb	240	kN
Weight	46	lb	20.9	kg
Max. Speed T-Seals & Grease	2400	rpm		
Rad. Clearance - Max.	0.0031			

TIMKEN

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NORTH CANTON, OHIO USA

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Every reasonable effort has been made to ensure the accuracy of the information contained in this writing, but no liability is accepted for errors, omissions or for any other reason.

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