



The Timken Company

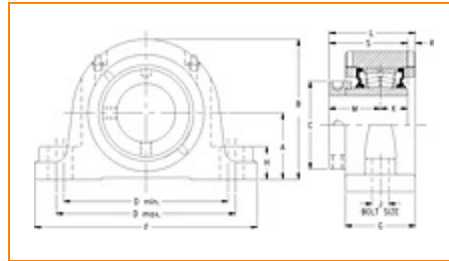
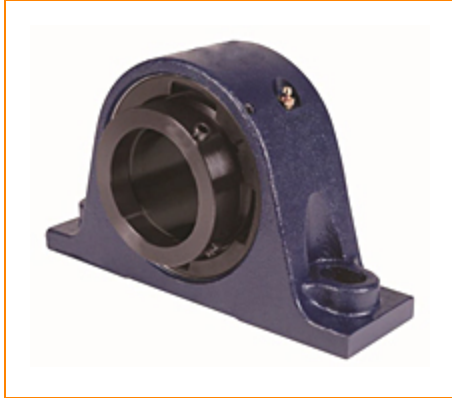
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Part Number QMSN11J055S, Eccentric Two-Bolt Pillow Block



[Specifications](#) | [Dimensions](#) | [Radial and Thrust Factors](#) | [Engineering Seal Speed](#) | [Engineering Bearing Attributes](#) | [Engineering Internal Radial Clearance](#)

Specifications

Engineering Group	Mounted Bearing
Bearing Number	22211
Shaft Size	55 mm
Shaft Size Type	Metric
Full Timken Part Number	QMSN11J055SB QMSN11J055SC QMSN11J055SEB QMSN11J055SEC QMSN11J055SEM QMSN11J055SEN QMSN11J055SEO QMSN11J055SET QMSN11J055SM QMSN11J055SN QMSN11J055SO QMSN11J055ST

Locking Style	Eccentric
Weight	13.20 Kg 29 lb
Housing Construction	Two-Bolt Pillow Block
UPC Code	0883450096720 0883450096737 0883450096751 0883450096768 0883450096775 0883450096782 0883450096799 0883450096805 0883450160889 0883450161244 0883450253543 0883450253932

Dimensions

Dimension A	2.76 in 70.0 mm
Dimension B	5.55 in 141.0 mm
Dimension C	2.99 in 76.0 mm
Dimension D Min	7.20 in 183.0 mm
Dimension D Max	8.50 in 216.0 mm
Dimension F	10.00 in 254.0 mm
Dimension G	2.680 in 68.00 mm
Dimension H	0.98 in 25.0 mm

Dimension J (Bolt Size)	0.625 in 16 mm
Dimension K	1.14 in 29.0 mm
Dimension L	3.35 in 85.0 mm
Dimension M	2.01 in 51.0 mm
Dimension R	0.24 in 6.0 mm
Dimension S	3.150 in 80.00 mm

Radial and Thrust Factors

C0 - Static Load	142 kN 31900 lb
C - Dynamic Load (Basic)	140 kN 31400 lb
e - Geometry Factor	0.23
Y1 - Geometry Factor	2.95
Y2 - Geometry Factor	4.40

Engineering Seal Speed

Oil Lubrication - M/N Seal	2200 rpm
Oil Lubrication - T Seal	3800 rpm
Oil Lubrication - B/C/O Seal	1600 rpm
Grease Lubrication - M/N Seal	2200 rpm
Grease Lubrication - T Seal	3200 rpm

Grease Lubrication - B/C/O Seal	1600 rpm
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Engineering Bearing Attributes

Float	0.050 in 1.270 mm
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Shaft Tolerance	0.0015 in 0.038 mm
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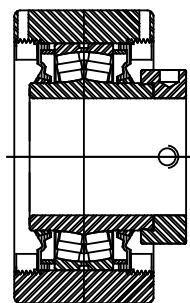
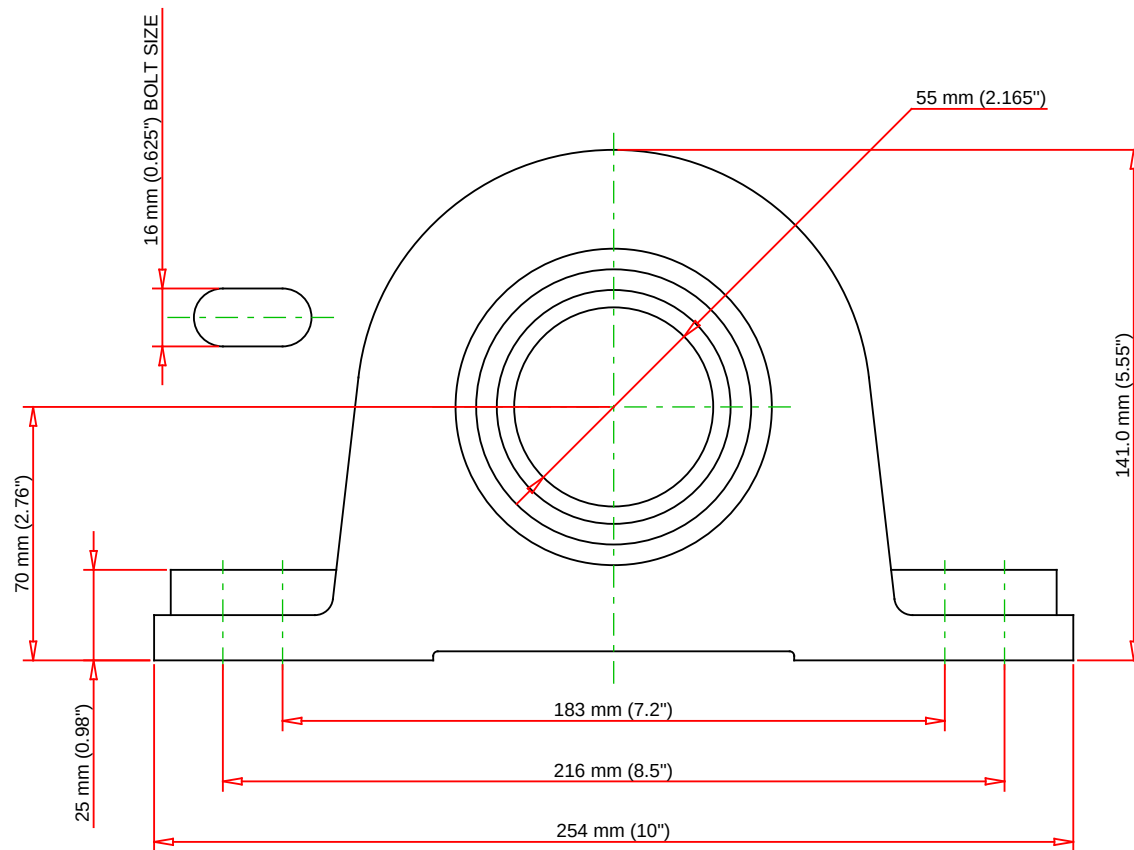
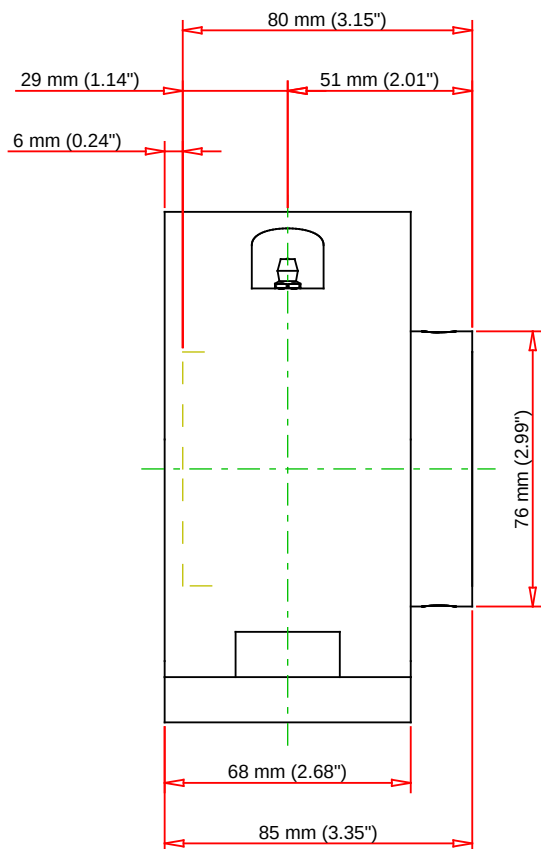
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0016
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Eng Internal Radial Clearance - Max	0.0026
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Pre Install Clearance Min	0.0016 in 0.040 mm
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Pre Install Clearance Max	0.0026 in 0.065 mm
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Note: Section View not to Scale

C - Dynamic Load	31400	lb	140	kN
C0 - Static Load	31900	lb	142	kN
Weight	29	lb	13.2	kg
Max. Speed T-Seals & Grease	3200	rpm		
Rad. Clearance - Max.	0.0026			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QMSN11J055S
Eccentric Two-Bolt Pillow Block

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.

FOR DISCUSSION ONLY