


The Timken Company

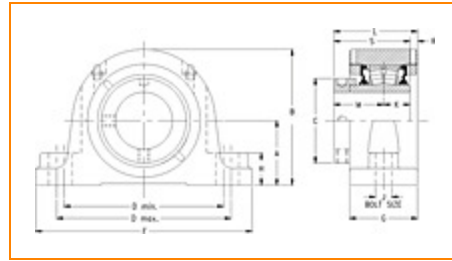
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Part Number QMP09J112S, Eccentric Two-Bolt Pillow Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22209

Shaft Size 1 3/4 in

Shaft Size Type Imperial

Full Timken Part Number

- QMP09J112SB
- QMP09J112SC
- QMP09J112SEB
- QMP09J112SEC
- QMP09J112SEM
- QMP09J112SEN
- QMP09J112SEO
- QMP09J112SET
- QMP09J112SM
- QMP09J112SN
- QMP09J112SO
- QMP09J112ST



Locking Style	Eccentric
Housing Construction	Two-Bolt Pillow Block
UPC Code	0883450080620 0883450080637 0883450080651 0883450080668 0883450080675 0883450080682 0883450080699 0883450080705 0883450154338 0883450154673 0883450249270 0883450249614

Dimensions

Dimension A	2.25 in 57.2 mm
Dimension B	4.25 in 108 mm
Dimension C	2.62 in 66.5 mm
Dimension D Min	6.25 in 158.8 mm
Dimension D Max	7.12 in 180.8 mm
Dimension F	8.88 in 225.6 mm
Dimension G	2.44 in 62 mm
Dimension H	1-1/4 in 31.8 mm

Dimension J (Bolt Size)	0.625 in 16 mm
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Dimension K	1 in 25.4 mm
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Dimension L	3.1 in 78.7 mm
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Dimension M	1.88 in 47.8 mm
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Dimension R	0.23 in 5.8 mm
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Dimension S	2.88 in 73.2 mm
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Radial and Thrust Factors

C0 - Static Load	24200 lbf 108000 N
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C - Dynamic Load (Basic)	24500 lbf 109000 N
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e - Geometry Factor	0.26
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Y1 - Geometry Factor	2.64
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Y2 - Geometry Factor	3.93
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Engineering Seal Speed

Oil Lubrication - M/N Seal	2700 rpm
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Oil Lubrication - T Seal	4500 rpm
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Oil Lubrication - B/C/O Seal	1950 rpm
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Grease Lubrication - M/N Seal	2700 rpm
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Grease Lubrication - T Seal	4000 rpm
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Grease Lubrication - B/C/O Seal	1950 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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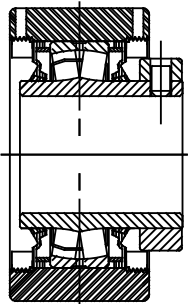
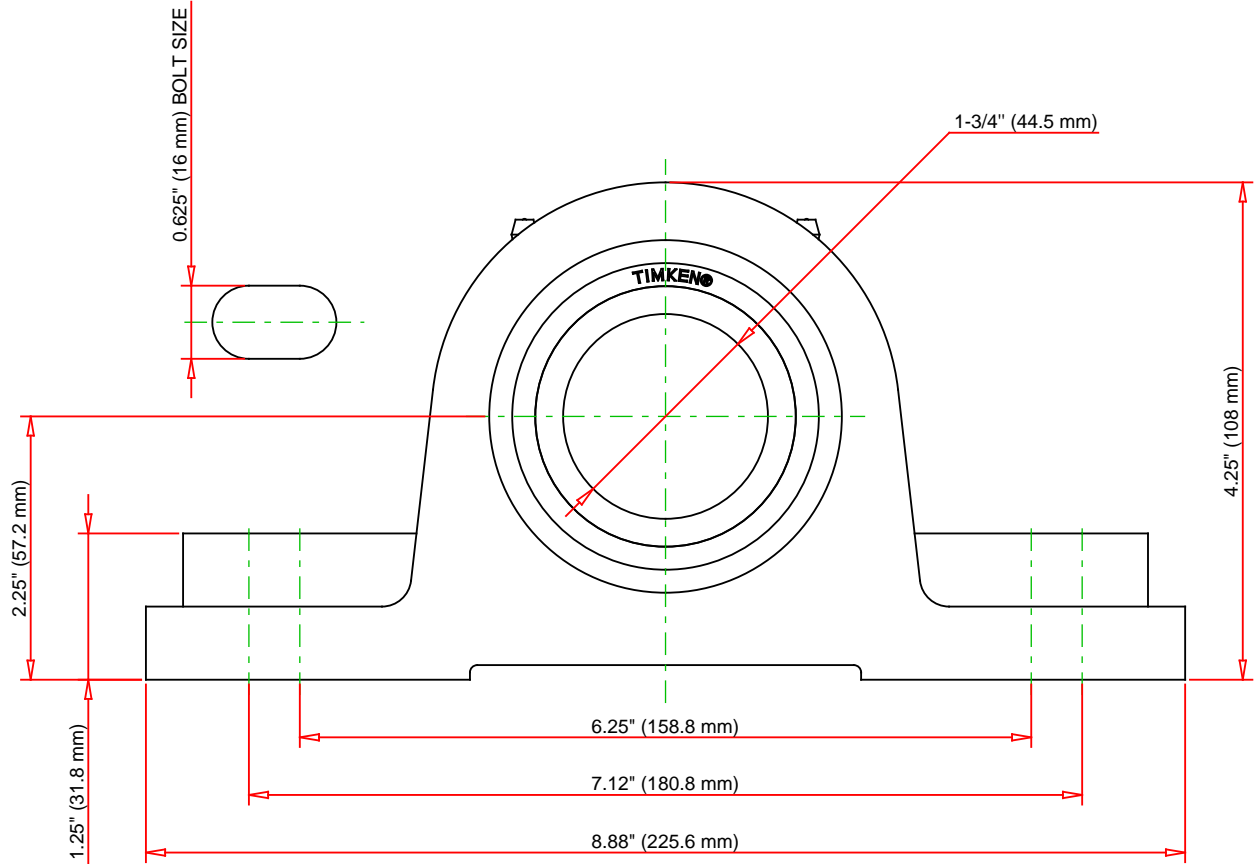
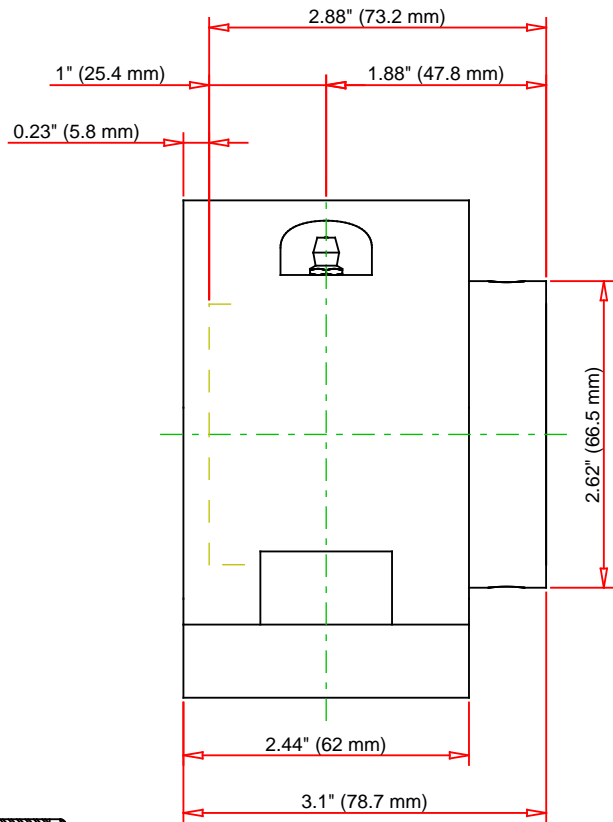
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0014
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Eng Internal Radial Clearance - Max	0.0022
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Pre Install Clearance Min	0.0014 in 0.035 mm
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Pre Install Clearance Max	0.0022 in 0.055 mm
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Note: Section View not to Scale

C - Dynamic Load	24500	lbf	109000	N
C0 - Static Load	24200	lbf	108000	N
Weight	10	lb	4.5	kg
Max. Speed T-Seals & Grease	4000	rpm		
Rad. Clearance - Max.	0.0022			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QMP09J112S
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.

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