



The Timken Company

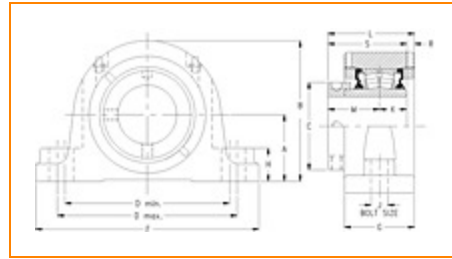
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Part Number QMPL09J112S, Eccentric Two-Bolt Pillow Block



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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

- QMPL09J112SB
- QMPL09J112SC
- QMPL09J112SEB
- QMPL09J112SEC
- QMPL09J112SEM
- QMPL09J112SEN
- QMPL09J112SEO
- QMPL09J112SET
- QMPL09J112SM
- QMPL09J112SMNG
- QMPL09J112SMNP
- QMPL09J112SMNPFG



QMPL09J112SN
 QMPL09J112SO
 QMPL09J112ST

Locking Style

Eccentric

Housing Construction

Two-Bolt Pillow Block

UPC Code

0883450086820
 0883450086837
 0883450086851
 0883450086868
 0883450086875
 0883450086882
 0883450086899
 0883450086905
 0883450155014
 0883450155359
 0883450249959
 0883450250290
 0883450476102
 0883450491730
 0883450502795

Dimensions**Dimension A**

2.13 in
 54.1 mm

Dimension B

4.13 in
 104.9 mm

Dimension C

2.62 in
 66.5 mm

Dimension D Min

5.25 in
 133.4 mm

Dimension D Max

5.75 in
 146.1 mm

Dimension F

7.13 in
 181.1 mm

Dimension G	2.37 in 60.2 mm
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Dimension H	1-1/4 in 31.8 mm
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Dimension J (Bolt Size)	0.5 in 12 mm
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Dimension K	1 in 25.4 mm
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Dimension L	3.06 in 77.7 mm
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Dimension M	1.88 in 47.8 mm
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Dimension R	0.19 in 4.8 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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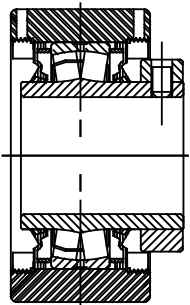
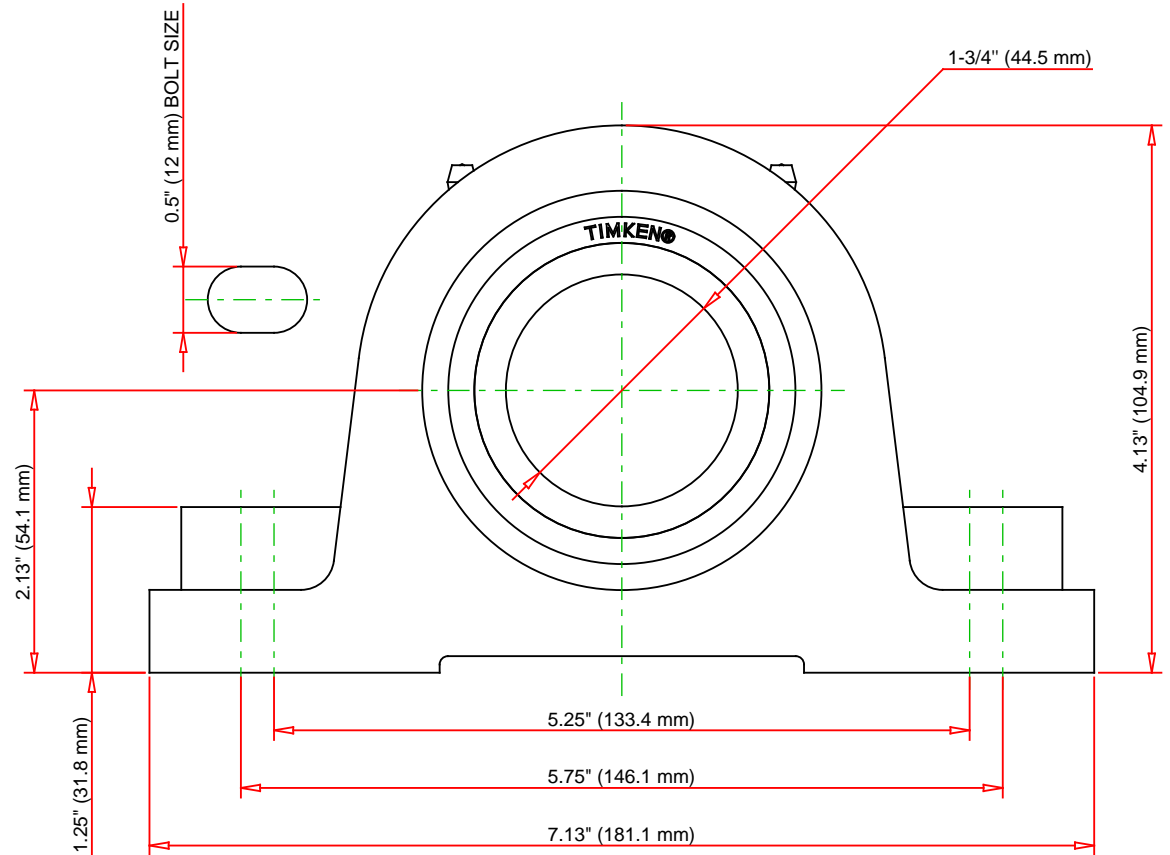
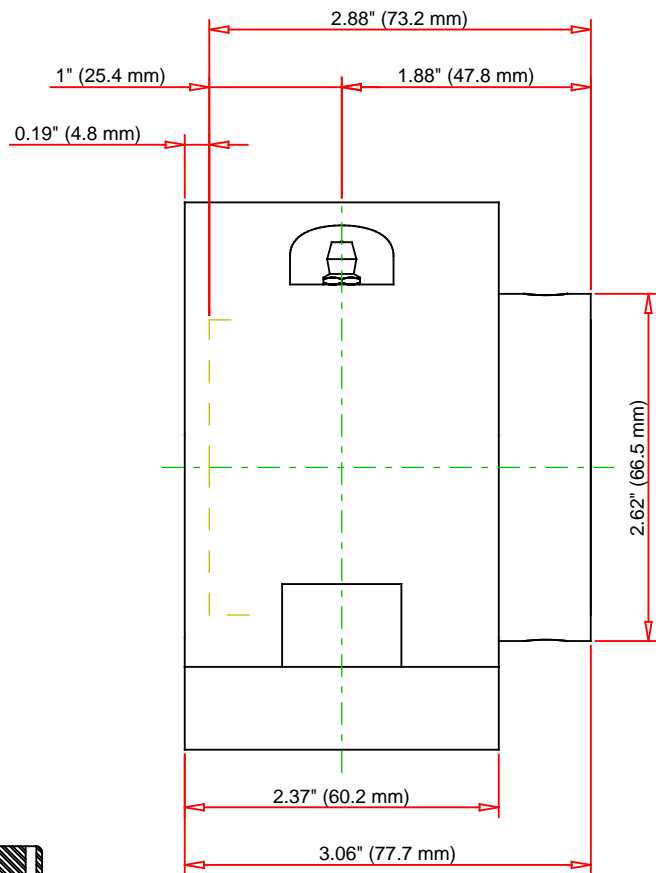
Engineering Internal Radial Clearance

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

QMPL09J112S
Eccentric Two-Bolt Pillow Block

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