



The Timken Company

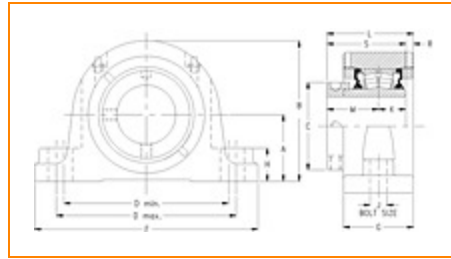
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Part Number QMPL08J108S, Eccentric Two-Bolt Pillow Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22208

Shaft Size 1 1/2 in

Shaft Size Type Imperial

Full Timken Part Number

- QMPL08J108SB
- QMPL08J108SC
- QMPL08J108SEB
- QMPL08J108SEC
- QMPL08J108SEM
- QMPL08J108SEN
- QMPL08J108SEO
- QMPL08J108SET
- QMPL08J108SETNP
- QMPL08J108SM
- QMPL08J108SMNP
- QMPL08J108SN



QMPL08J108SO
 QMPL08J108ST
 QMPL08J108STNP

Locking Style

Eccentric

Housing Construction

Two-Bolt Pillow Block

UPC Code

0883450086622
 0883450086639
 0883450086653
 0883450086660
 0883450086677
 0883450086684
 0883450086691
 0883450086707
 0883450154994
 0883450155335
 0883450249928
 0883450250269
 0883450459419
 0883450459426
 0883450500531

Dimensions**Dimension A**

1.88 in
 47.8 mm

Dimension B

3.73 in
 94.7 mm

Dimension C

2.38 in
 60.5 mm

Dimension D Min

4.69 in
 119.1 mm

Dimension D Max

6 in
 152.4 mm

Dimension F

6.88 in
 174.8 mm

Dimension G	2.25 in 57.2 mm
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Dimension H	1 in 25.4 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	2.88 in 73.2 mm
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Dimension M	1.75 in 44.5 mm
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Dimension R	0.13 in 3.3 mm
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Dimension S	2.75 in 69.9 mm
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Radial and Thrust Factors

C0 - Static Load	22400 lbf 99700 N
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C - Dynamic Load (Basic)	23400 lbf 104000 N
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e - Geometry Factor	0.27
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Y1 - Geometry Factor	2.47
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Y2 - Geometry Factor	3.67
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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	0.0010 in 0.025 mm
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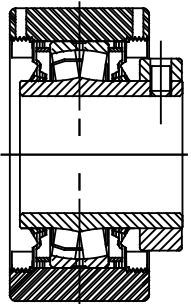
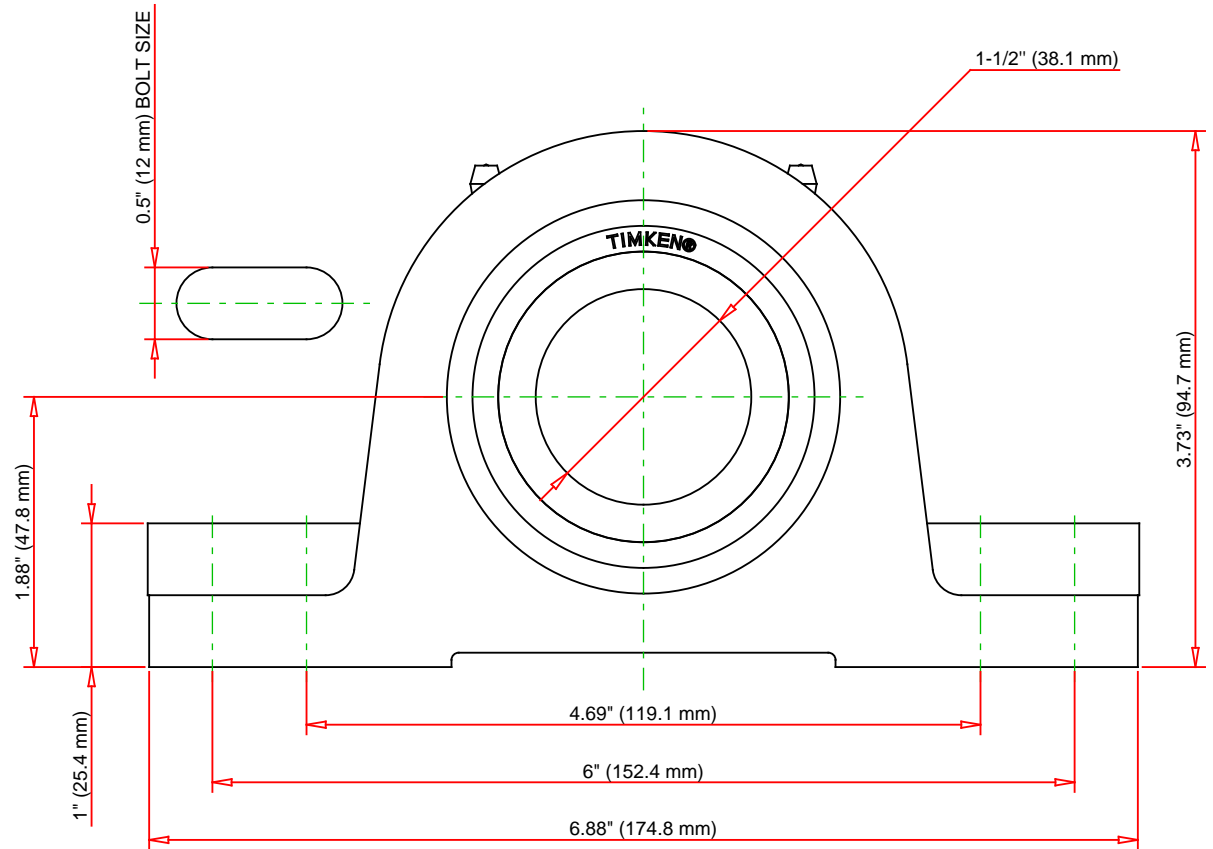
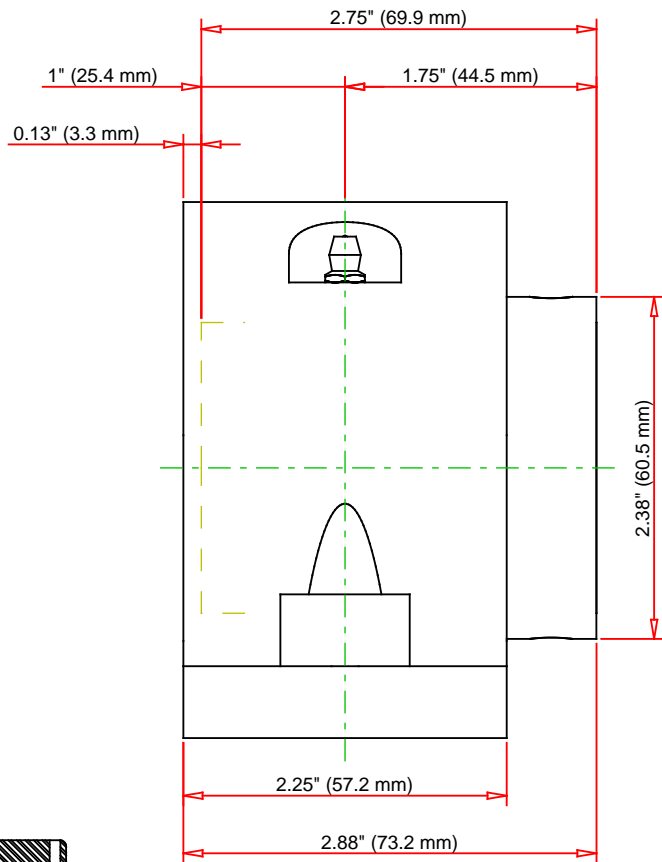
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0012
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Eng Internal Radial Clearance - Max	0.0018
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Pre Install Clearance Min	0.0012 in 0.030 mm
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Pre Install Clearance Max	0.0018 in 0.045 mm
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Note: Section View not to Scale

C - Dynamic Load	23400	lbf	104000	N
C0 - Static Load	22400	lbf	99700	N
Weight	9	lb	4.1	kg
Max. Speed T-Seals & Grease	4000	rpm		
Rad. Clearance - Max.	0.0018			

TIMKEN

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NORTH CANTON, OHIO USA

QMPL08J108S
Eccentric Two-Bolt Pillow Block

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