The Timken Company
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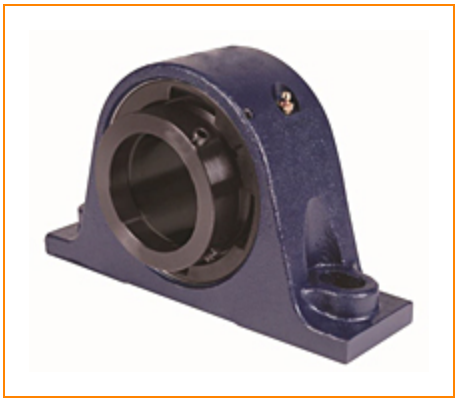
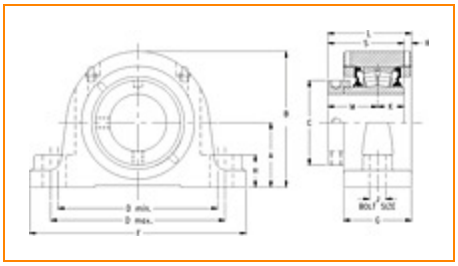
Part Number QMP08J108S, Eccentric Two-Bolt Pillow Block





Specifications | Dimensions | Radial and Thrust Factors | Engineering Seal Speed | Engineering Bearing Attributes | Engineering Internal Radial Clearance

Specifications

Engineering Group	Mounted Bearing
Bearing Number	22208
Shaft Size	1 1/2 in
Shaft Size Type	Imperial
Full Timken Part Number	QMP08J108SB QMP08J108SC QMP08J108SEB QMP08J108SEC QMP08J108SEM QMP08J108SEN QMP08J108SEO QMP08J108SET QMP08J108SM QMP08J108SMXYFG QMP08J108SN QMP08J108SO

	QMP08J108ST QMP08J108STHT QMP08J108STNGNP
Locking Style	Eccentric
Housing Construction	Two-Bolt Pillow Block
UPC Code	0883450080422 0883450080439 0883450080453 0883450080460 0883450080477 0883450080484 0883450080491 0883450080507 0883450154314 0883450154659 0883450249249 0883450249584 0883450494533 0883450500821 0883450952910

Dimensions

Dimension A	2.13 in 54.1 mm
Dimension B	3.98 in 101.1 mm
Dimension C	2.38 in 60.5 mm
Dimension D Min	4.69 in 119.1 mm
Dimension D Max	6.5 in 165.1 mm
Dimension F	7.88 in 200.2 mm

Dimension G	2.25 in 57.2 mm
Dimension H	1 in 25.4 mm
Dimension J (Bolt Size)	0.5 in 12 mm
Dimension K	1 in 25.4 mm
Dimension L	2.88 in 73.2 mm
Dimension M	1.75 in 44.5 mm
Dimension R	0.13 in 3.3 mm
Dimension S	2.75 in 69.9 mm

Radial and Thrust Factors

C0 - Static Load	22400 lbf 99700 N
C - Dynamic Load (Basic)	23400 lbf 104000 N
e - Geometry Factor	0.27
Y1 - Geometry Factor	2.47
Y2 - Geometry Factor	3.67

Engineering Seal Speed

Oil Lubrication - M/N Seal	2700 rpm

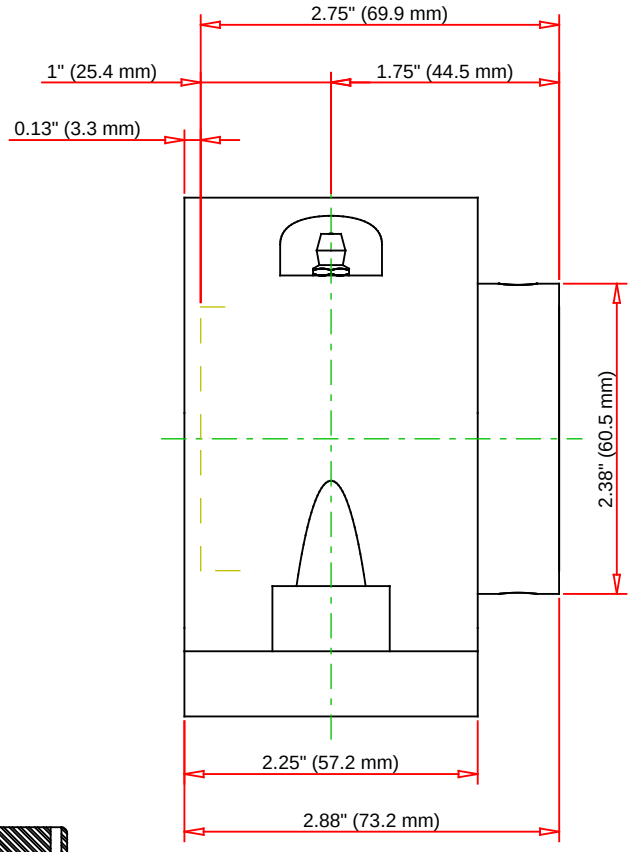
Oil Lubrication - T Seal	4500 rpm
Oil Lubrication - B/C/O Seal	1950 rpm
Grease Lubrication - M/N Seal	2700 rpm
Grease Lubrication - T Seal	4000 rpm
Grease Lubrication - B/C/O Seal	1950 rpm

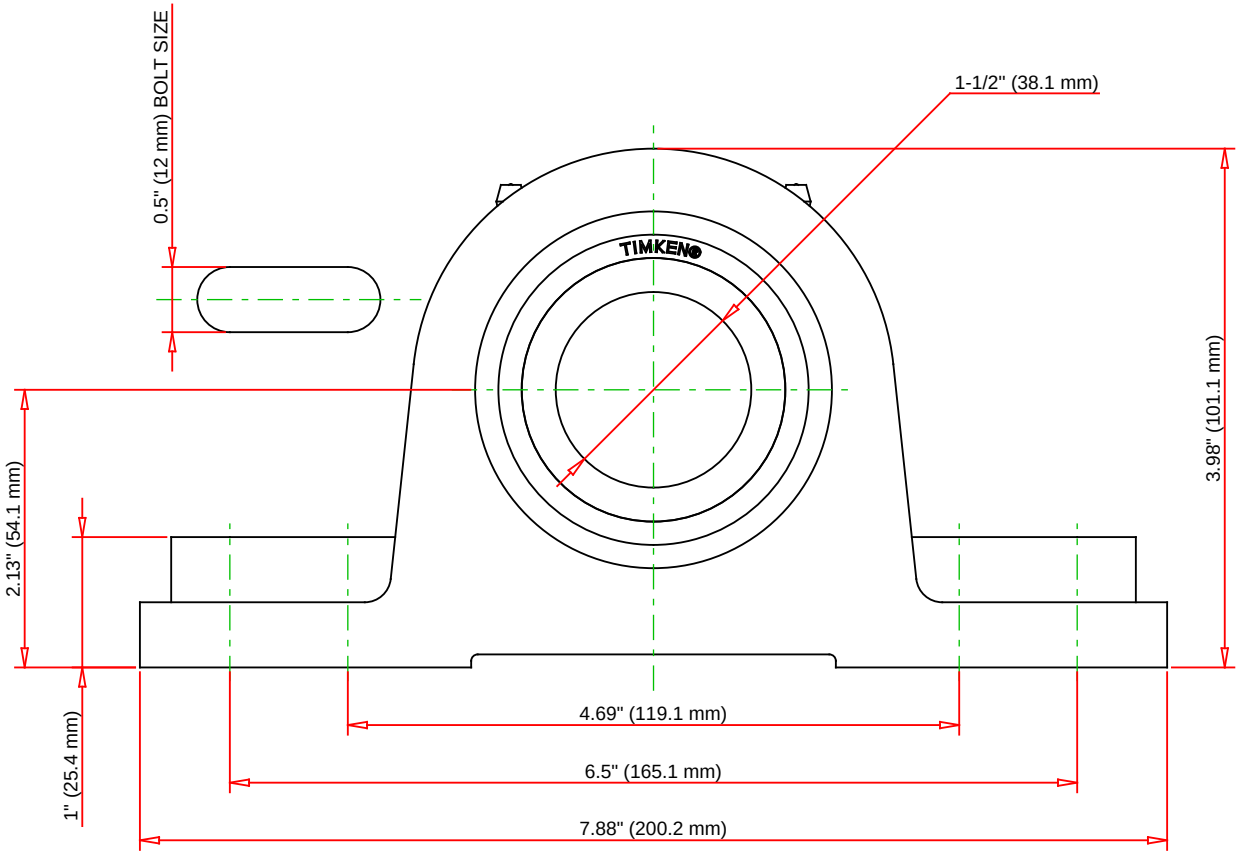
Engineering Bearing Attributes

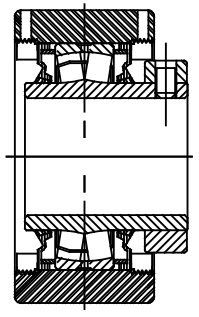
Float	0.050 in 1.270 mm
Shaft Tolerance	0.0010 in 0.025 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0012
Eng Internal Radial Clearance - Max	0.0018
Pre Install Clearance Min	0.0012 in 0.030 mm
Pre Install Clearance Max	0.0018 in 0.045 mm







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

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FOR DISCUSSION ONLY