



The Timken Company

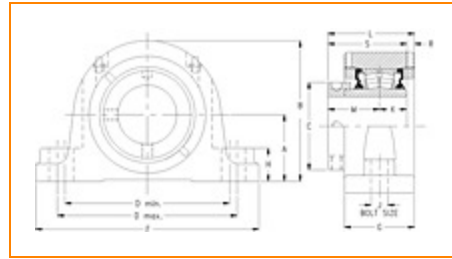
4500 Mt Pleasant St. NW

N. Canton, OH 44720

Phone: (234) 262-3000

E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number QMPL15J212S, 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 22215

Shaft Size 2 3/4 in

Shaft Size Type Imperial

Full Timken Part Number

- QMPL15J212SB
- QMPL15J212SC
- QMPL15J212SEB
- QMPL15J212SEC
- QMPL15J212SEM
- QMPL15J212SEN
- QMPL15J212SEO
- QMPL15J212SET
- QMPL15J212SM
- QMPL15J212SN
- QMPL15J212SO
- QMPL15J212ST



Locking Style	Eccentric
Housing Construction	Two-Bolt Pillow Block
UPC Code	0883450088022 0883450088039 0883450088053 0883450088060 0883450088077 0883450088084 0883450088091 0883450088107 0883450155113 0883450155458 0883450250085 0883450250429

Dimensions

Dimension A	3.25 in 82.6 mm
Dimension B	6.59 in 167.4 mm
Dimension C	4.01 in 101.9 mm
Dimension D Min	7.7 in 195.6 mm
Dimension D Max	8.4 in 213.4 mm
Dimension F	10.44 in 265.2 mm
Dimension G	3 in 76.2 mm
Dimension H	1.38 in 35.1 mm

Dimension J (Bolt Size)	0.75 in 20 mm
Dimension K	1-1/4 in 31.8 mm
Dimension L	3.87 in 98.3 mm
Dimension M	2.37 in 60.2 mm
Dimension R	0.25 in 6.4 mm
Dimension S	3.62 in 91.9 mm

Radial and Thrust Factors

C0 - Static Load	54100 lbf 240000 N
C - Dynamic Load (Basic)	49900 lbf 222000 N
e - Geometry Factor	0.22
Y1 - Geometry Factor	3.14
Y2 - Geometry Factor	4.67

Engineering Seal Speed

Oil Lubrication - M/N Seal	1600 rpm
Oil Lubrication - T Seal	2900 rpm
Oil Lubrication - B/C/O Seal	1300 rpm
Grease Lubrication - M/N Seal	1600 rpm

Grease Lubrication - T Seal	2400 rpm
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Grease Lubrication - B/C/O Seal	1300 rpm
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Engineering Bearing Attributes

Float	0.083 in 2.108 mm
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Shaft Tolerance	0.0020 in 0.051 mm
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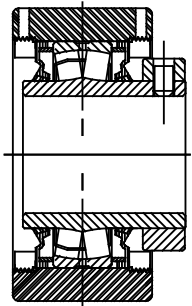
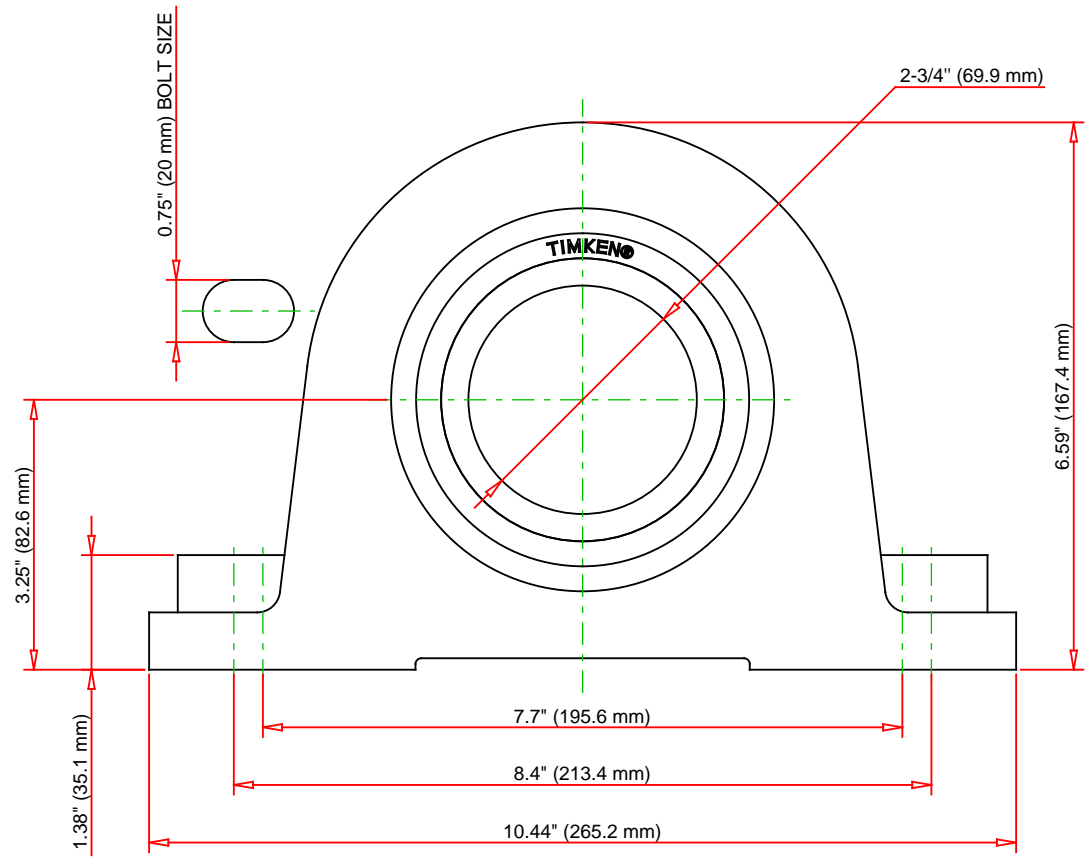
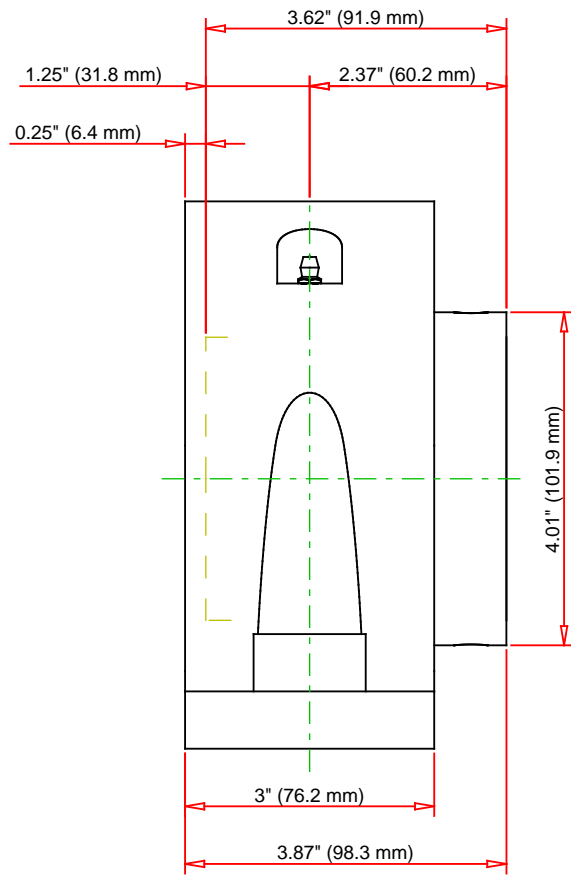
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0020
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Eng Internal Radial Clearance - Max	0.0031
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Pre Install Clearance Min	0.0020 in 0.050 mm
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Pre Install Clearance Max	0.0031 in 0.080 mm
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Note: Section View not to Scale

C - Dynamic Load	49900	lbf	222000	N
C0 - Static Load	54100	lbf	240000	N
Weight	28	lb	12.7	kg
Max. Speed T-Seals & Grease	2400	rpm		
Rad. Clearance - Max.	0.0031			

TIMKEN

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NORTH CANTON, OHIO USA

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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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