



The Timken Company

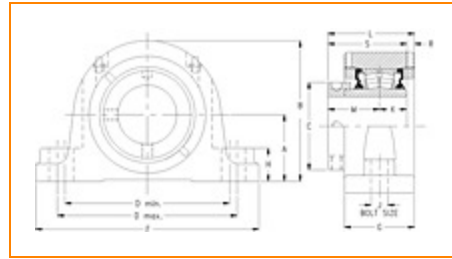
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Part Number QMPL15J211S, Eccentric Two-Bolt Pillow Block



[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 11/16 in

Shaft Size Type Imperial

Full Timken Part Number

- QMPL15J211SB
- QMPL15J211SC
- QMPL15J211SEB
- QMPL15J211SEC
- QMPL15J211SEM
- QMPL15J211SEN
- QMPL15J211SEO
- QMPL15J211SET
- QMPL15J211SM
- QMPL15J211SN
- QMPL15J211SO
- QMPL15J211ST



Locking Style	Eccentric
Housing Construction	Two-Bolt Pillow Block
UPC Code	0883450087926 0883450087933 0883450087957 0883450087964 0883450087971 0883450087988 0883450087995 0883450088008 0883450155106 0883450155441 0883450250078 0883450250412

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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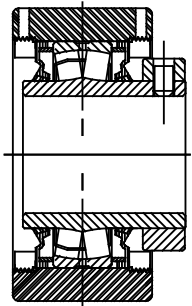
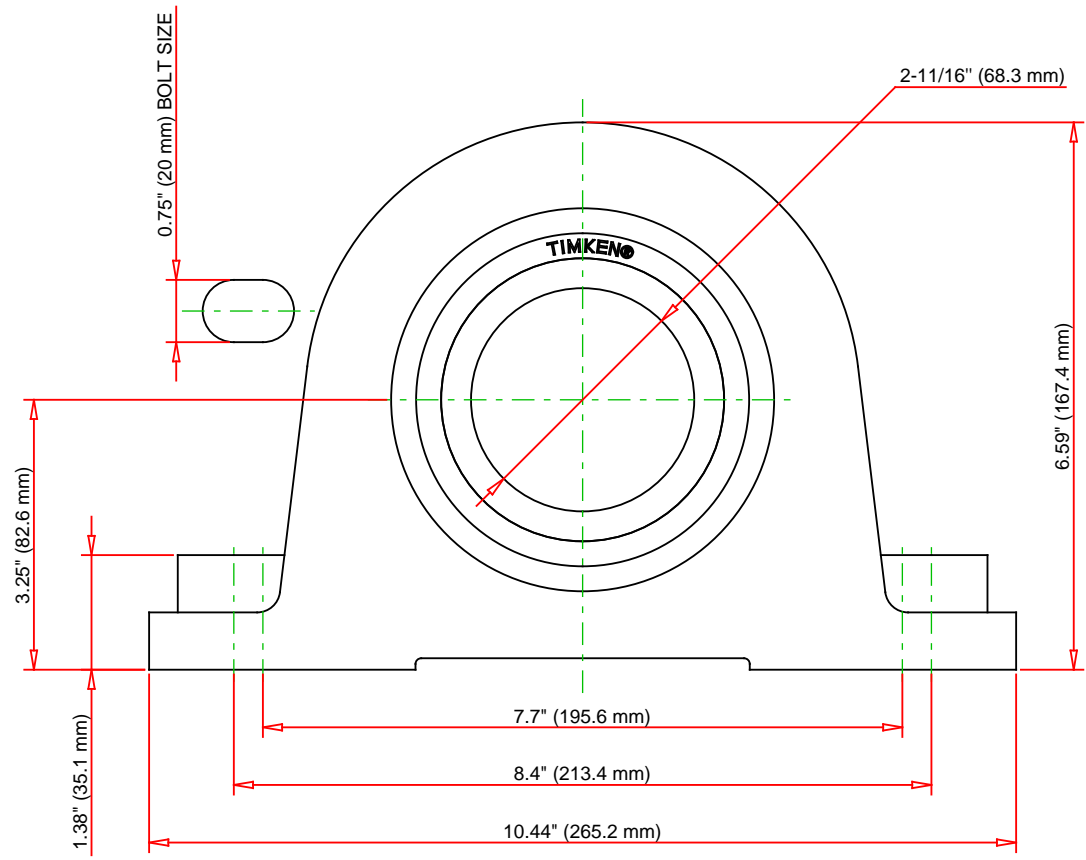
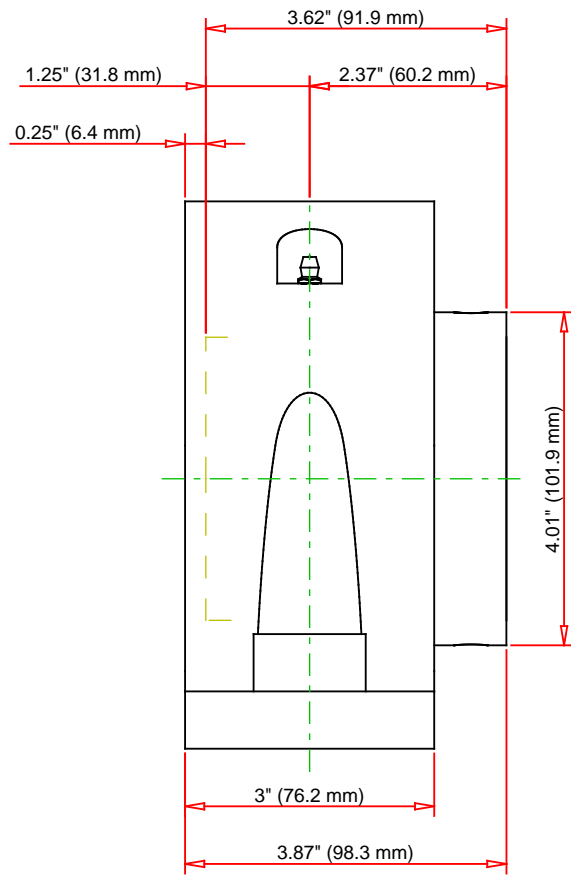
Engineering Internal Radial Clearance

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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