


The Timken Company

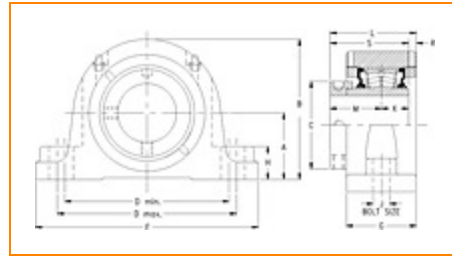
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Part Number QMSN15J211S, Eccentric Two-Bolt Pillow Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22215

Shaft Size 2 11/16 in

Shaft Size Type Imperial

Full Timken Part Number
 QMSN15J211SB
 QMSN15J211SBNG
 QMSN15J211SC
 QMSN15J211SCNG
 QMSN15J211SEB
 QMSN15J211SEC
 QMSN15J211SEM
 QMSN15J211SEN
 QMSN15J211SEO
 QMSN15J211SET
 QMSN15J211SM
 QMSN15J211SN



QMSN15J211SO
 QMSN15J211ST
 QMSN15J211STNG

Locking Style

Eccentric

Housing Construction

Two-Bolt Pillow Block

UPC Code

0883450097628
 0883450097635
 0883450097659
 0883450097666
 0883450097673
 0883450097680
 0883450097697
 0883450097703
 0883450160933
 0883450161299
 0883450253598
 0883450253987
 0883450462549
 0883450462556
 0883450462594

Dimensions**Dimension A**

3.74 in
 95 mm

Dimension B

7.2 in
 183 mm

Dimension C

4.02 in
 102 mm

Dimension D Min

9.49 in
 241 mm

Dimension D Max

10.98 in
 279 mm

Dimension F

12.44 in
 316 mm

Dimension G	2.99 in 76 mm
Dimension H	1.34 in 34 mm
Dimension J (Bolt Size)	0.75 in 20 mm
Dimension K	1.26 in 32 mm
Dimension L	3.86 in 98 mm
Dimension M	2.36 in 60 mm
Dimension R	0.24 in 6 mm
Dimension S	3.62 in 92 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
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Oil Lubrication - T Seal	2900 rpm
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Oil Lubrication - B/C/O Seal	1300 rpm
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Grease Lubrication - M/N Seal	1600 rpm
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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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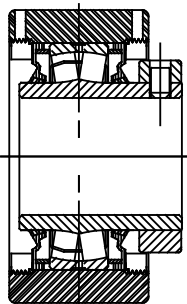
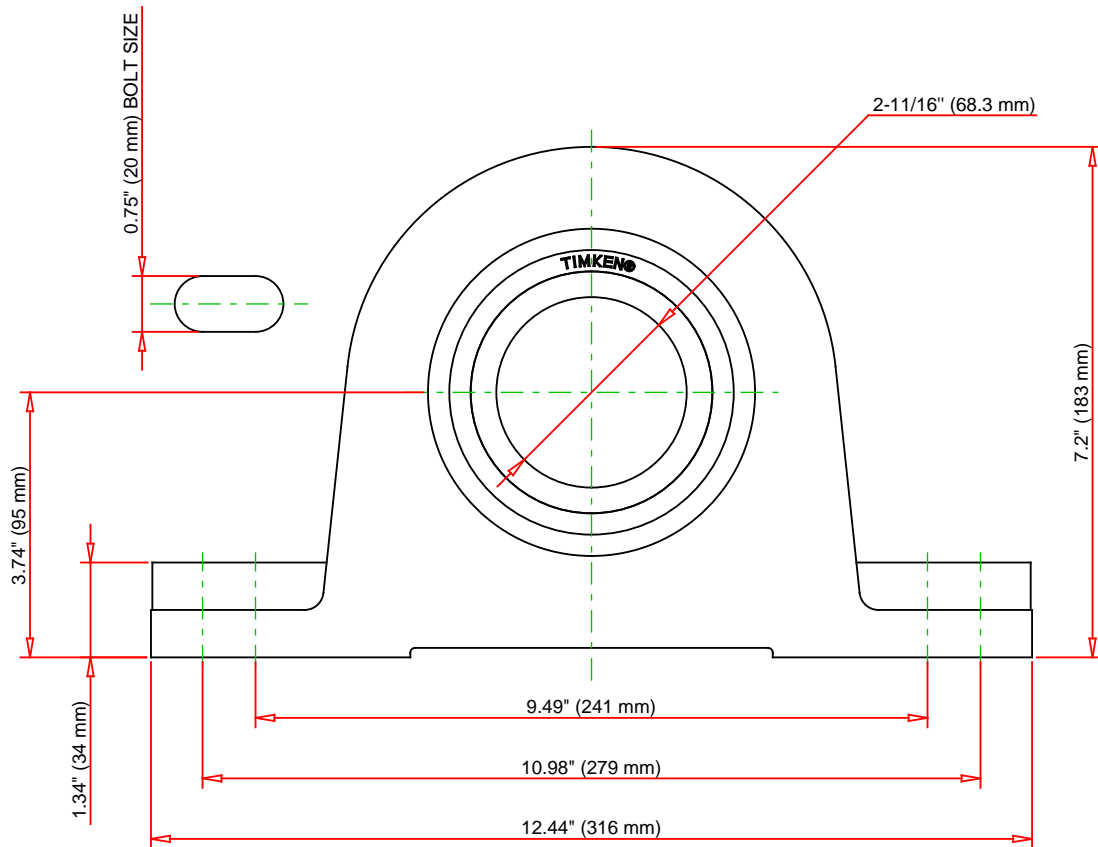
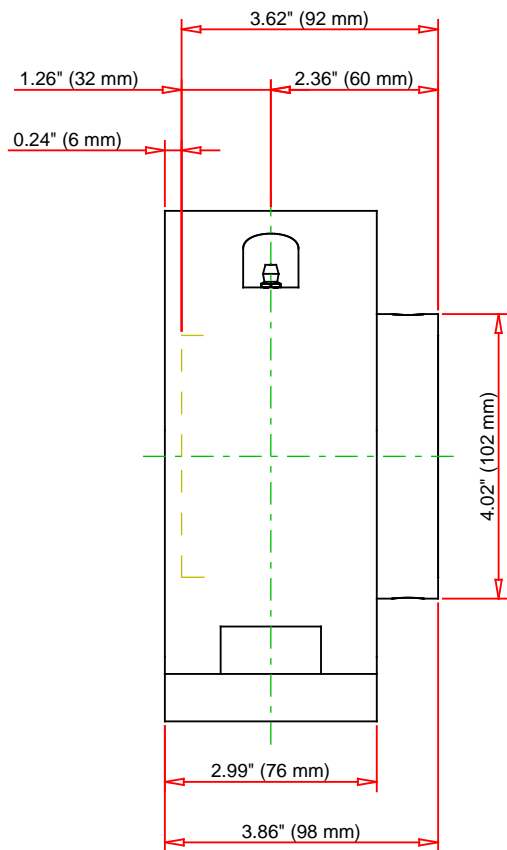
Engineering Internal Radial Clearance

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	46	lb	20.9	kg
Max. Speed T-Seals & Grease	2400	rpm		
Rad. Clearance - Max.	0.0031			

TIMKEN

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NORTH CANTON, OHIO USA

QMSN15J211S
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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