


The Timken Company

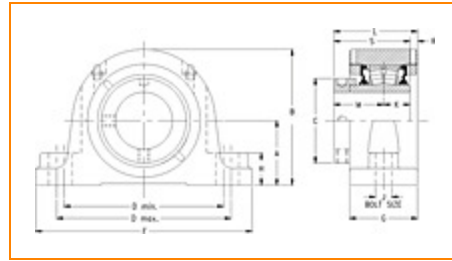
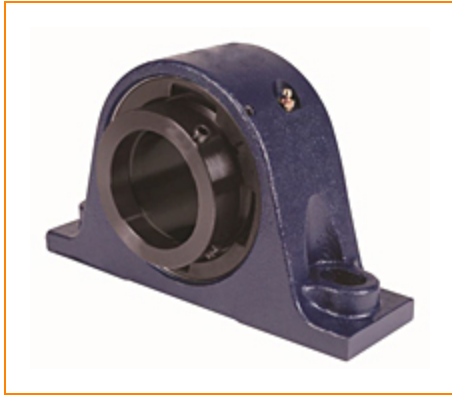
4500 Mt Pleasant St. NW

N. Canton, OH 44720

Phone: (234) 262-3000

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

Part Number QMP15J215S, 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 15/16 in

Shaft Size Type Imperial

Full Timken Part Number

- QMP15J215SB
- QMP15J215SC
- QMP15J215SEB
- QMP15J215SEC
- QMP15J215SEM
- QMP15J215SEN
- QMP15J215SEO
- QMP15J215SET
- QMP15J215SETHT
- QMP15J215SM
- QMP15J215SN
- QMP15J215SO



QMP15J215ST

Locking Style

Eccentric

Housing Construction

Two-Bolt Pillow Block

UPC Code

0883450081924
0883450081931
0883450081955
0883450081962
0883450081979
0883450081986
0883450081993
0883450082006
0883450154451
0883450154796
0883450249423
0883450249768
0883450462396

Dimensions**Dimension A**

3.13 in
79.5 mm

Dimension B

6.47 in
164.3 mm

Dimension C

4.01 in
101.9 mm

Dimension D Min

7.88 in
200.2 mm

Dimension D Max

9.63 in
244.6 mm

Dimension F

11.6 in
294.6 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
------------------------------------	----------

Grease Lubrication - B/C/O Seal	1300 rpm
--	----------

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
--------------	----------------------

Shaft Tolerance	0.0020 in 0.051 mm
------------------------	-----------------------

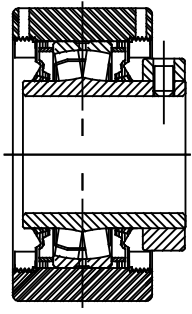
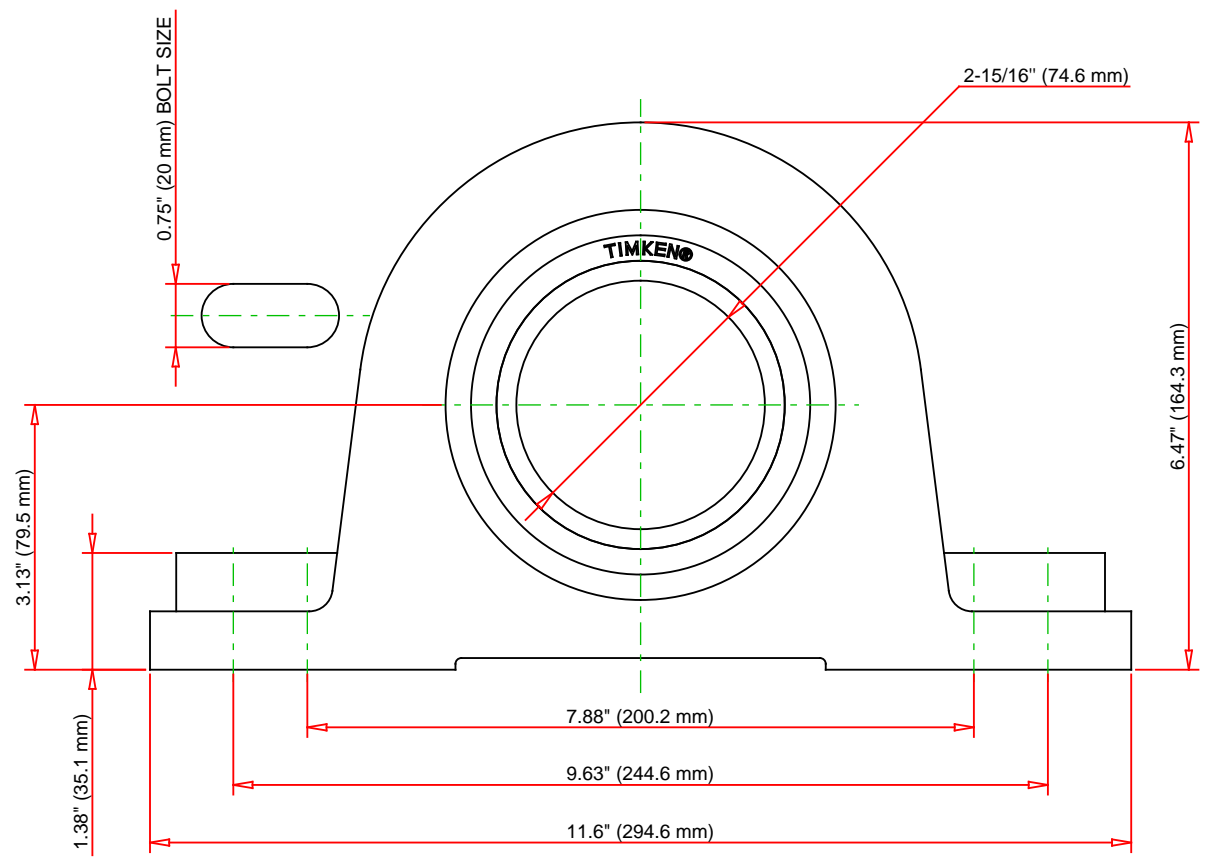
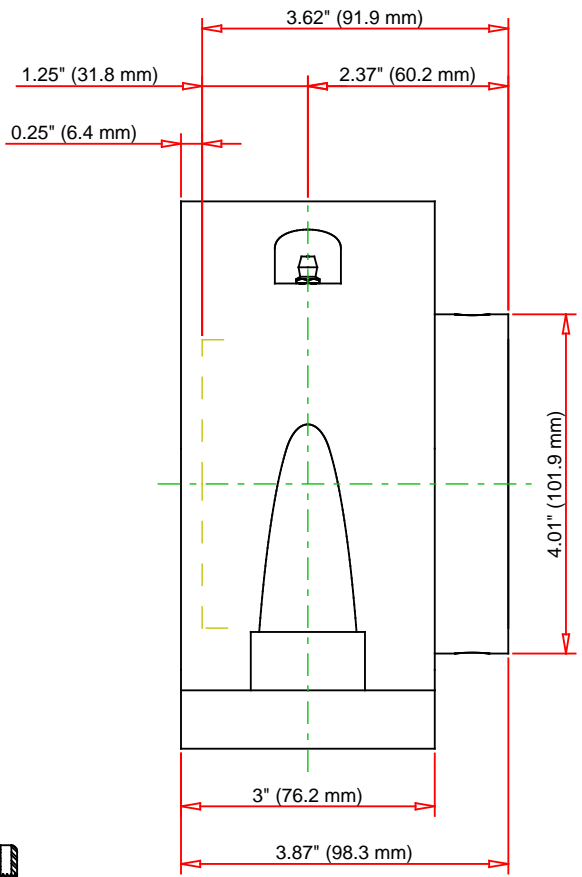
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0020
--	--------

Eng Internal Radial Clearance - Max	0.0031
--	--------

Pre Install Clearance Min	0.0020 in 0.050 mm
----------------------------------	-----------------------

Pre Install Clearance Max	0.0031 in 0.080 mm
----------------------------------	-----------------------



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
THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QMP15J215S
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.

FOR DISCUSSION ONLY