



The Timken Company

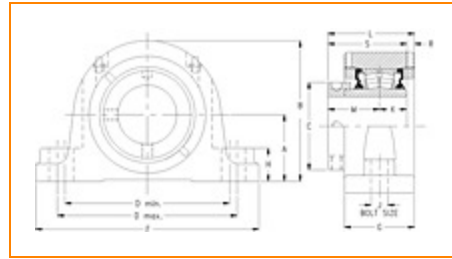
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Part Number QMPL11J203S, Eccentric Two-Bolt Pillow Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22211

Shaft Size 2 3/16 in

Shaft Size Type Imperial

Full Timken Part Number

- QMPL11J203SB
- QMPL11J203SC
- QMPL11J203SEB
- QMPL11J203SEC
- QMPL11J203SEM
- QMPL11J203SEN
- QMPL11J203SEO
- QMPL11J203SET
- QMPL11J203SM
- QMPL11J203SN
- QMPL11J203SO
- QMPL11J203ST



QMPL11J203STNG
QMPL11J203STP

Locking Style

Eccentric

Housing Construction

Two-Bolt Pillow Block

UPC Code

0883450087223
0883450087230
0883450087254
0883450087261
0883450087278
0883450087285
0883450087292
0883450087308
0883450155052
0883450155397
0883450250009
0883450250344
0883450435130
0883450959117

Dimensions**Dimension A**

2-1/2 in
63.5 mm

Dimension B

5-1/4 in
133.4 mm

Dimension C

2.99 in
75.9 mm

Dimension D Min

6.5 in
165.1 mm

Dimension D Max

7.06 in
179.3 mm

Dimension F

8.88 in
225.6 mm

Dimension G

2.58 in
65.5 mm

Dimension H	1-1/4 in 31.8 mm
Dimension J (Bolt Size)	0.625 in 16 mm
Dimension K	1.12 in 28.4 mm
Dimension L	3.28 in 83.3 mm
Dimension M	2 in 50.8 mm
Dimension R	0.17 in 4.3 mm
Dimension S	3.12 in 79.2 mm

Radial and Thrust Factors

C0 - Static Load	31900 lbf 142000 N
C - Dynamic Load (Basic)	31400 lbf 140000 N
e - Geometry Factor	0.23
Y1 - Geometry Factor	2.95
Y2 - Geometry Factor	4.40

Engineering Seal Speed

Oil Lubrication - M/N Seal	2200 rpm
Oil Lubrication - T Seal	3800 rpm
Oil Lubrication - B/C/O Seal	1600 rpm

Grease Lubrication - M/N Seal	2200 rpm
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Grease Lubrication - T Seal	3200 rpm
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Grease Lubrication - B/C/O Seal	1600 rpm
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Engineering Bearing Attributes

Float	0.050 in 1.270 mm
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Shaft Tolerance	0.0015 in 0.038 mm
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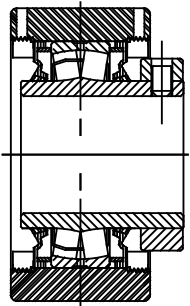
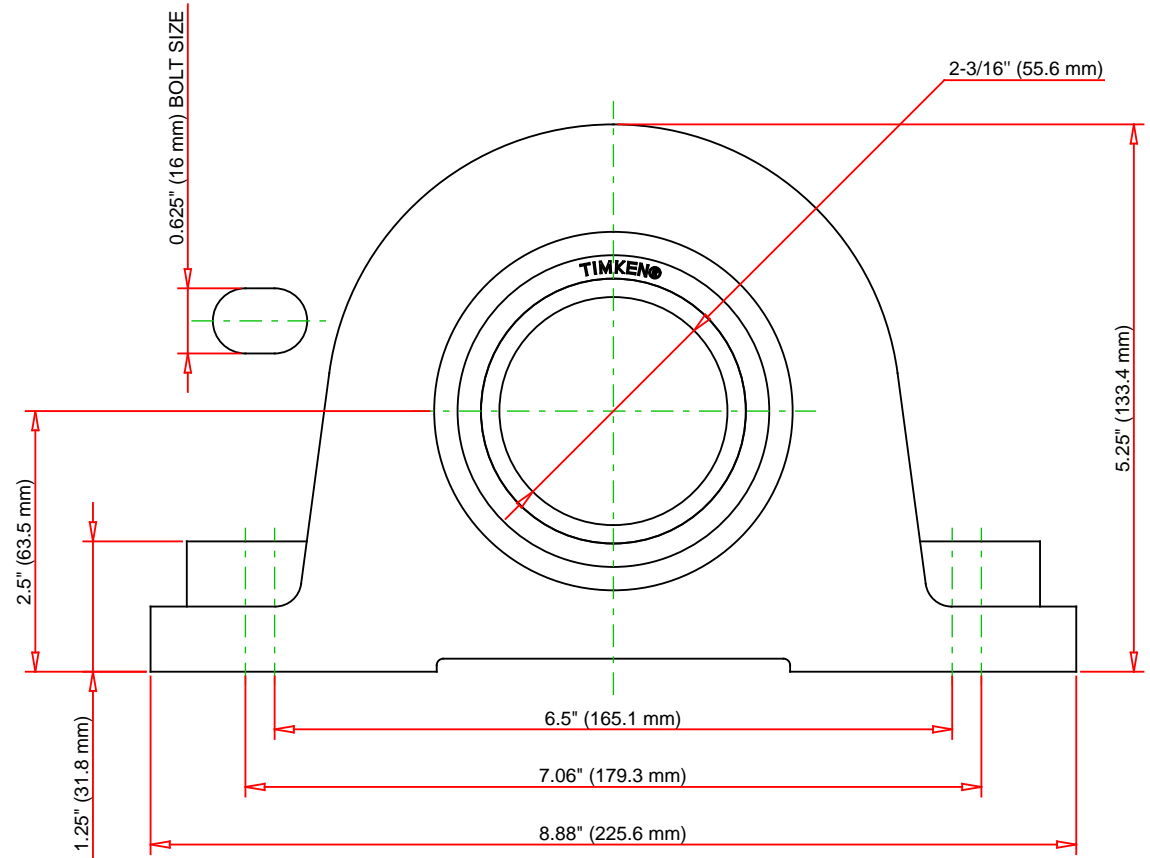
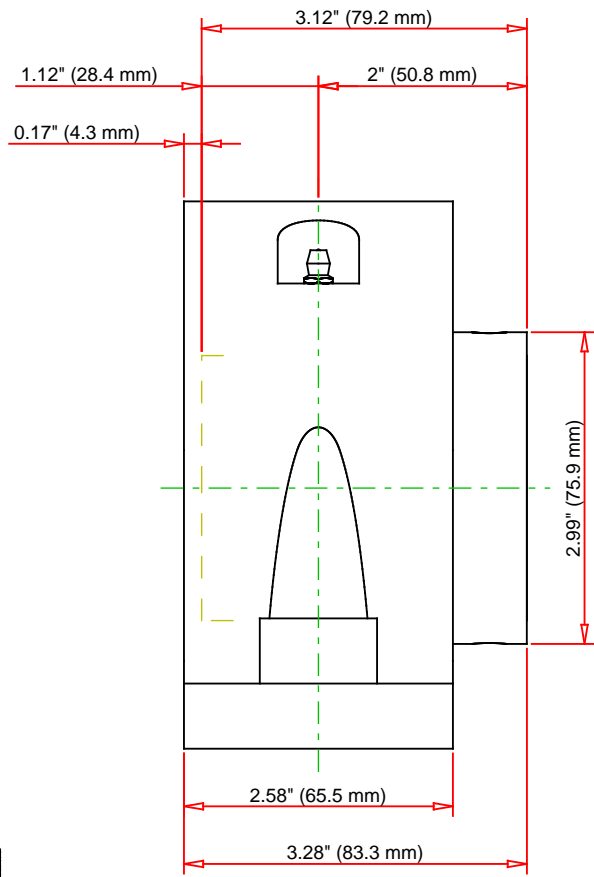
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0016
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Eng Internal Radial Clearance - Max	0.0026
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Pre Install Clearance Min	0.0016 in 0.040 mm
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Pre Install Clearance Max	0.0026 in 0.065 mm
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Note: Section View not to Scale

C - Dynamic Load	31400	lbf	140000	N
C0 - Static Load	31900	lbf	142000	N
Weight	17	lb	7.7	kg
Max. Speed T-Seals & Grease	3200	rpm		
Rad. Clearance - Max.	0.0026			

TIMKEN

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NORTH CANTON, OHIO USA

QMPL11J203S
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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