


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 QMTP15J215S, Eccentric Top Pull Take-Up Block



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Specifications

Engineering Group	Mounted Bearing
Bearing Number	22215
Shaft Size	2 15/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QMTP15J215SB QMTP15J215SC QMTP15J215SEB QMTP15J215SEC QMTP15J215SEM QMTP15J215SEN QMTP15J215SEO QMTP15J215SET QMTP15J215SM QMTP15J215SN QMTP15J215SO



QMTTP15J215ST

Locking Style

Eccentric

Housing Construction

Top Pull Take-Up

Dimensions**Dimension A1**3.82 in
97 mm**Dimension B**3.31 in
84.1 mm**Dimension C**4 in
101.7 mm**Dimension D**8-1/2 in
215.9 mm**Dimension E**7.13 in
181.1 mm**Dimension F**1.94 in
49.3 mm**Dimension G**3.19 in
81 mm**Dimension H**3.99 in
101.4 mm**Dimension J**1.75 in
44.4 mm**Dimension K**1-1/4 in
31.8 mm**Dimension L**8-1/2 in
215.9 mm**Dimension M**2.37 in
60.2 mm

Dimension N	3.96 in 100.7 mm
Dimension P	8 in 203.2 mm
Dimension Q	1.06 in 26.9 mm
Dimension R	0.34 in 8.7 mm
Dimension S	1.12 in 28.4 mm
Dimension T	3.62 in 92 mm
Dimension U	0.81 in 20.6 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
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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	0.08 in 2.03 mm
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Shaft Tolerance	0.0020 in 0.051 mm
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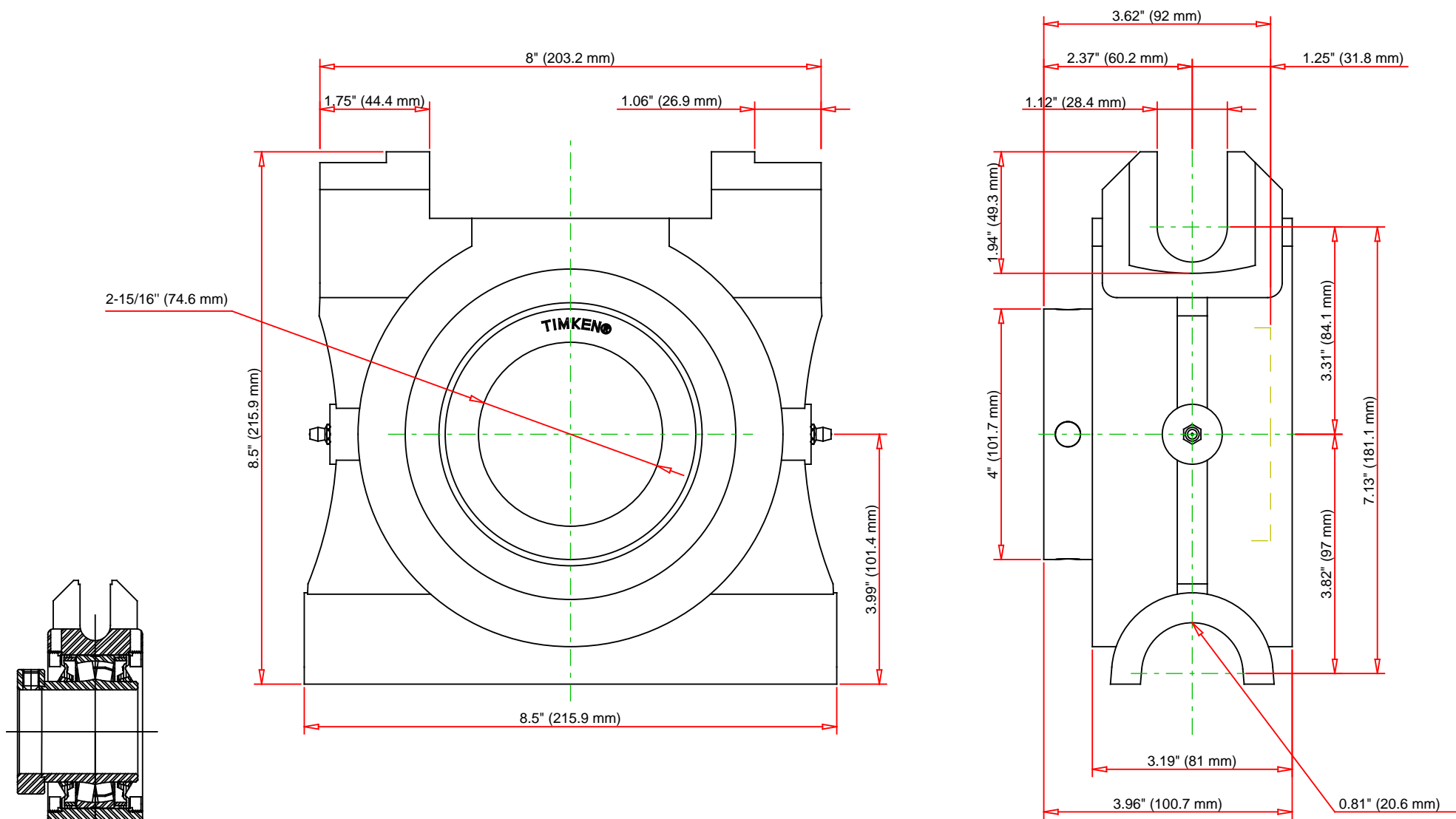
Engineering Internal Radial Clearance

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		lb		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 Top Pull Take-Up Block

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