



The Timken Company

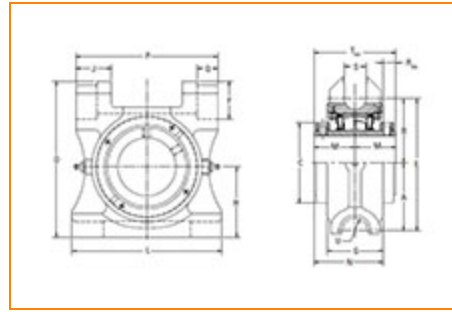
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Part Number QAATP15A211S, Double Concentric Top Pull Take-Up Block



[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

- QAATP15A211SB
- QAATP15A211SC
- QAATP15A211SEB
- QAATP15A211SEC
- QAATP15A211SEM
- QAATP15A211SEN
- QAATP15A211SEO
- QAATP15A211SET
- QAATP15A211SM
- QAATP15A211SN
- QAATP15A211SO



QAATP15A211ST

Locking Style Double Concentric**Housing Construction** Top Pull Take-Up**Dimensions****Dimension A1** 3.82 in
97 mm**Dimension B** 3.31 in
84.1 mm**Dimension C** 4.29 in
108.9 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 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 RAA	0.78 in 19.7 mm
Dimension S	1.12 in 28.4 mm
Dimension TAA	4.74 in 120.4 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

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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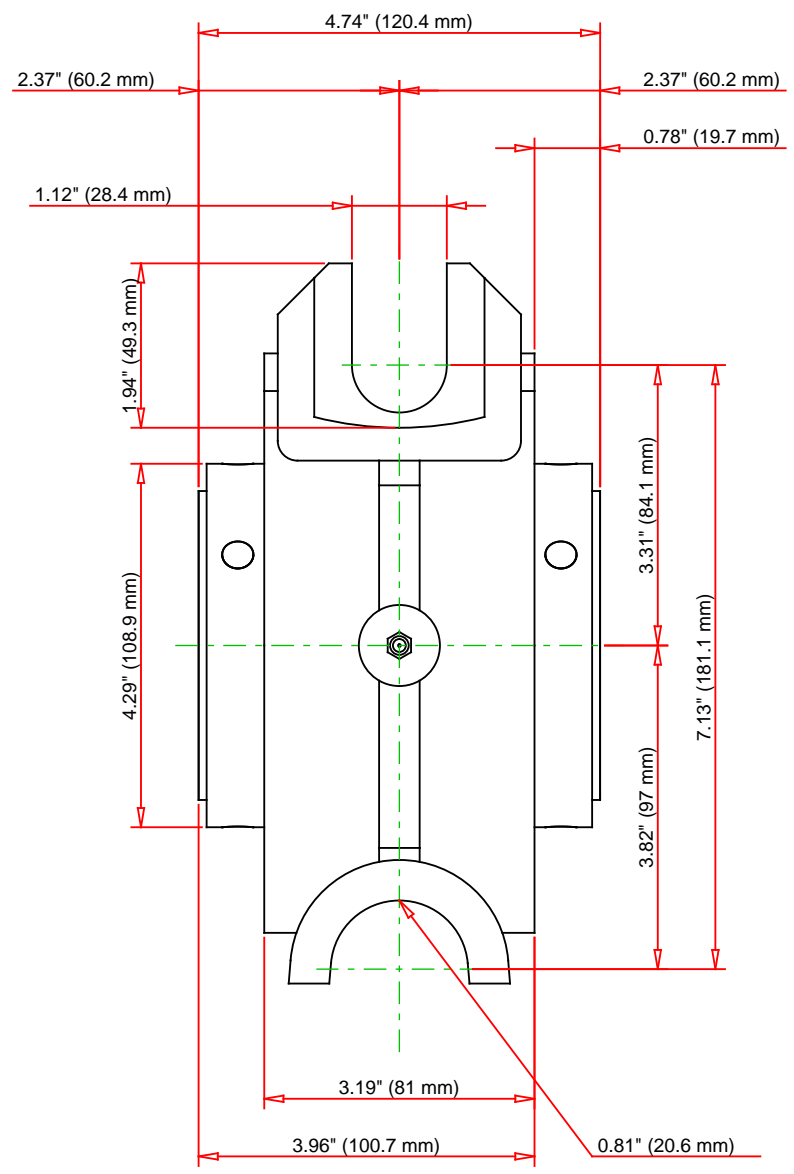
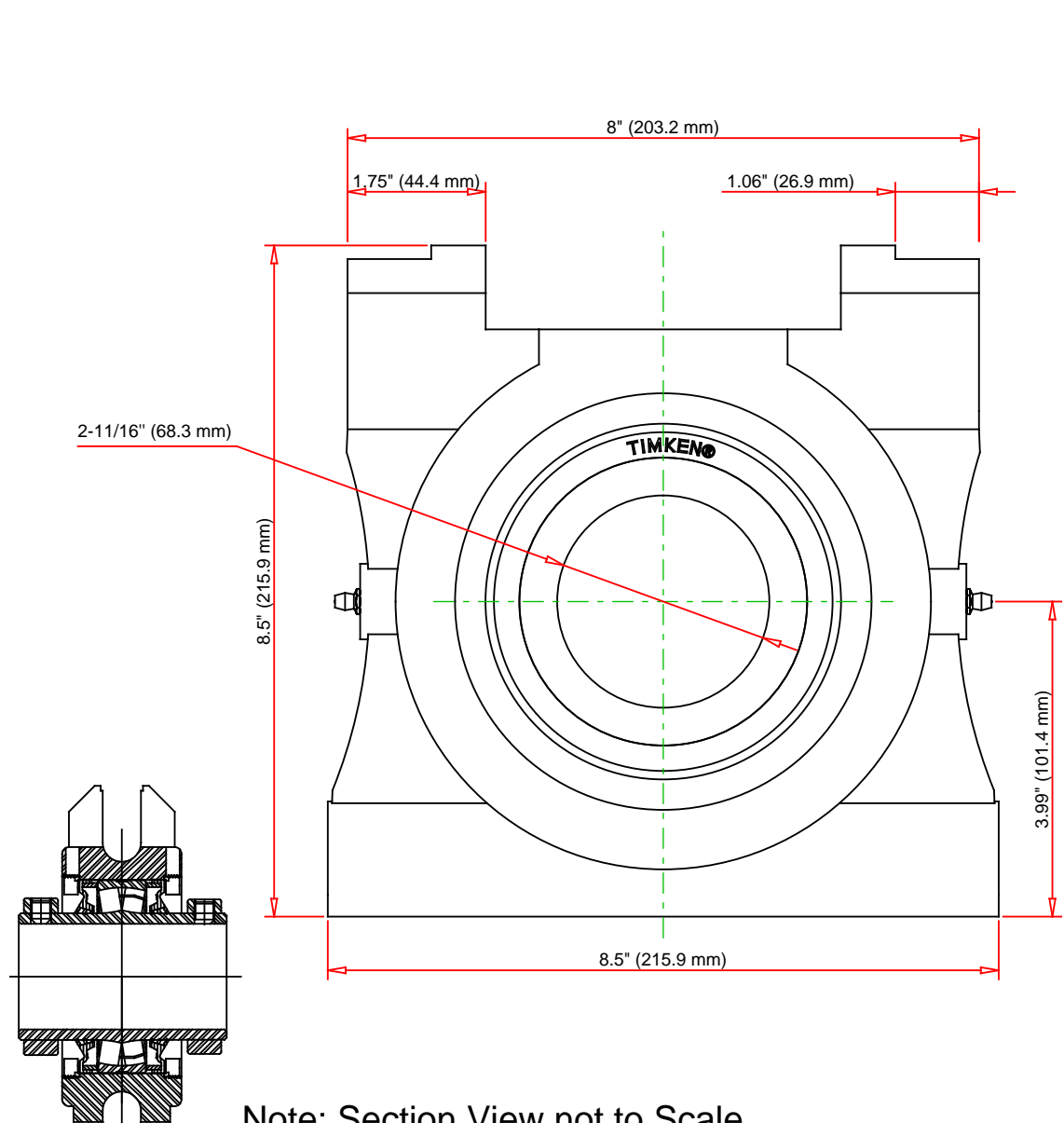
Engineering Internal Radial Clearance

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

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QAATP15A211S
Double Concentric Top Pull Take-Up
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