



**The Timken Company**

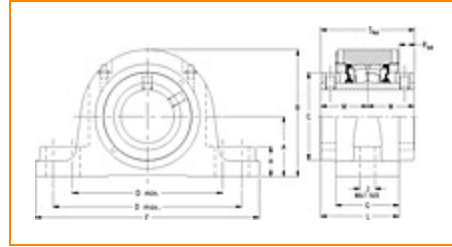
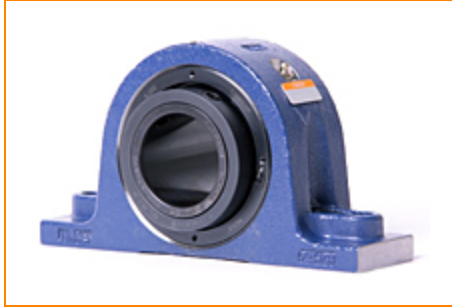
4500 Mt Pleasant St. NW

N. Canton, OH 44720

**Phone:** (234) 262-3000

**E-Mail:** [CustomerCAD@timken.com](mailto:CustomerCAD@timken.com) • **Web site:** [www.timken.com](http://www.timken.com)

## Part Number QAAPL15A300S, Double Concentric Two-Bolt Pillow Block



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### Specifications

**Engineering Group** Mounted Bearing

**Bearing Number** 22215

**Shaft Size** 3 in

**Shaft Size Type** Imperial

**Full Timken Part Number**

- QAAPL15A300SB
- QAAPL15A300SC
- QAAPL15A300SEB
- QAAPL15A300SEC
- QAAPL15A300SEM
- QAAPL15A300SEN
- QAAPL15A300SEO
- QAAPL15A300SET
- QAAPL15A300SM
- QAAPL15A300SN
- QAAPL15A300SO
- QAAPL15A300ST



**Mounting Style**

Double Concentric

**Housing Construction**

Two-Bolt Pillow Block

**UPC Code**

0883450029100  
 0883450029117  
 0883450029131  
 0883450029148  
 0883450029155  
 0883450029162  
 0883450029179  
 0883450029186  
 0883450188876  
 0883450189033  
 0883450266376  
 0883450266536

**Dimensions****Dimension A**

3.25 in  
 82.6 mm

**Dimension B**

6.59 in  
 167.4 mm

**Dimension C**

4.29 in  
 109 mm

**Dimension D Min**

7.7 in  
 195.6 mm

**Dimension D Max**

8.4 in  
 213.4 mm

**Dimension F**

10.44 in  
 265.2 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

<b>Dimension L</b>	3.87 in 98.3 mm
<b>Dimension M</b>	2.37 in 60.2 mm
<b>Dimension RAA</b>	0.87 in 22.1 mm
<b>Dimension SAA</b>	4.74 in 120.4 mm

## Radial and Thrust Factors

<b>C0 - Static Load</b>	54100 lbf 240000 N
<b>C - Dynamic Load (Basic)</b>	49900 lbf 222000 N
<b>e - Geometry Factor</b>	0.22
<b>Y1 - Geometry Factor</b>	3.14
<b>Y2 - Geometry Factor</b>	4.67

## Engineering Seal Speed

<b>Oil Lubrication - M/N Seal</b>	1600 rpm
<b>Oil Lubrication - T Seal</b>	2900 rpm
<b>Oil Lubrication - B/C/O Seal</b>	1300 rpm
<b>Grease Lubrication - M/N Seal</b>	1600 rpm
<b>Grease Lubrication - T Seal</b>	2400 rpm
<b>Grease Lubrication - B/C/O Seal</b>	1300 rpm

## Engineering Bearing Attributes

<b>Float</b>	0.083 in 2.108 mm
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<b>Shaft Tolerance</b>	0.0020 in 0.051 mm
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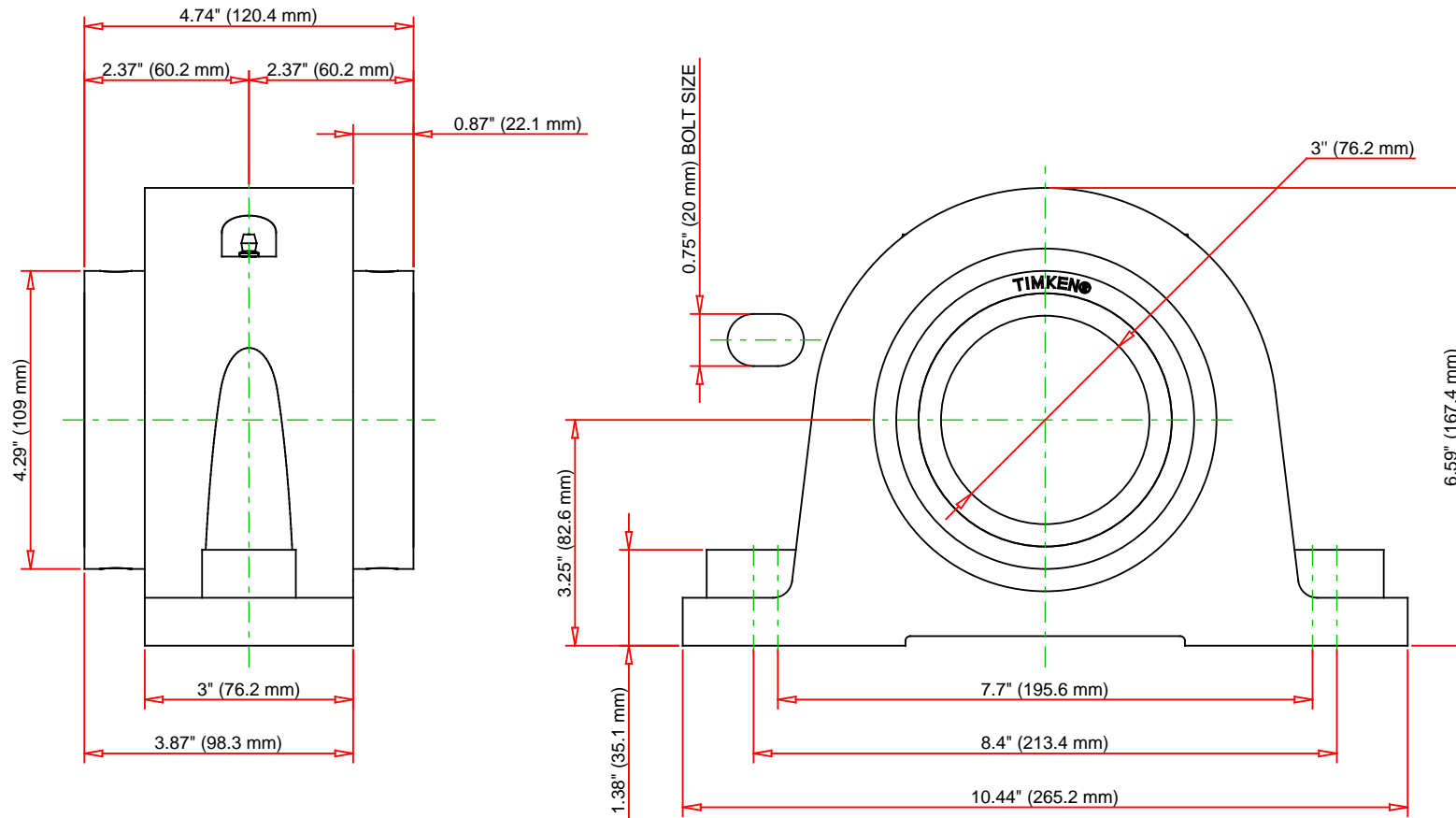
## Engineering Internal Radial Clearance

<b>Eng Internal Radial Clearance - Min</b>	0.0020
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<b>Eng Internal Radial Clearance - Max</b>	0.0031
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<b>Pre Install Clearance Min</b>	0.0020 in 0.050 mm
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<b>Pre Install Clearance Max</b>	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	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

**QAAPL15A300S**

Double Concentric 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**