



The Timken Company

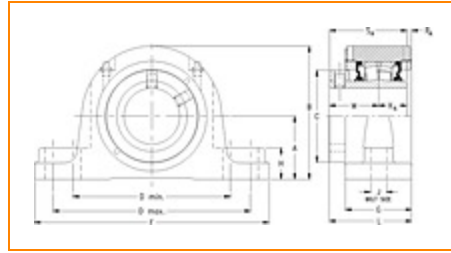
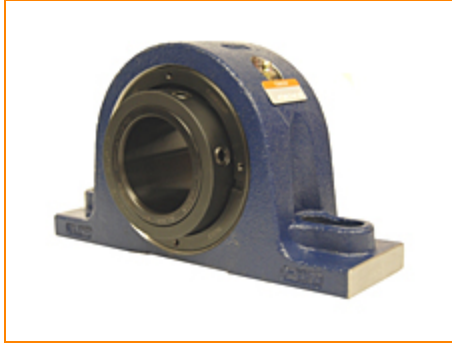
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Part Number QAPL15A300S, Single Concentric Two-Bolt Pillow Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22215

Shaft Size 3 in

Shaft Size Type Imperial

Full Timken Part Number

- QAPL15A300SB
- QAPL15A300SC
- QAPL15A300SEB
- QAPL15A300SEC
- QAPL15A300SEM
- QAPL15A300SEN
- QAPL15A300SEO
- QAPL15A300SET
- QAPL15A300SM
- QAPL15A300SN
- QAPL15A300SO



QAPL15A300ST

Locking Style

Single Concentric

Housing Construction

Two-Bolt Pillow Block

UPC Code

0883450047906
 0883450047913
 0883450047937
 0883450047944
 0883450047951
 0883450047968
 0883450047975
 0883450047982
 0883450188555
 0883450188715
 0883450266055
 0883450266215

Dimensions**Dimension A**

3.25 in
 82.6 mm

Dimension B

6.59 in
 167.4 mm

Dimension C

4.5 in
 114.3 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
Dimension KA	1.25 in 31.8 mm
Dimension L	3.87 in 98.3 mm
Dimension M	2.37 in 60.2 mm
Dimension RA	0.25 in 6.4 mm
Dimension SA	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
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Grease Lubrication - B/C/O Seal	1300 rpm
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Engineering Bearing Attributes

Float	0.083 in 2.108 mm
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Shaft Tolerance	0.0020 in 0.051 mm
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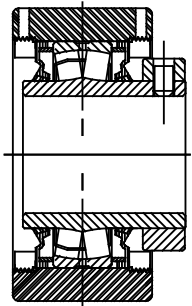
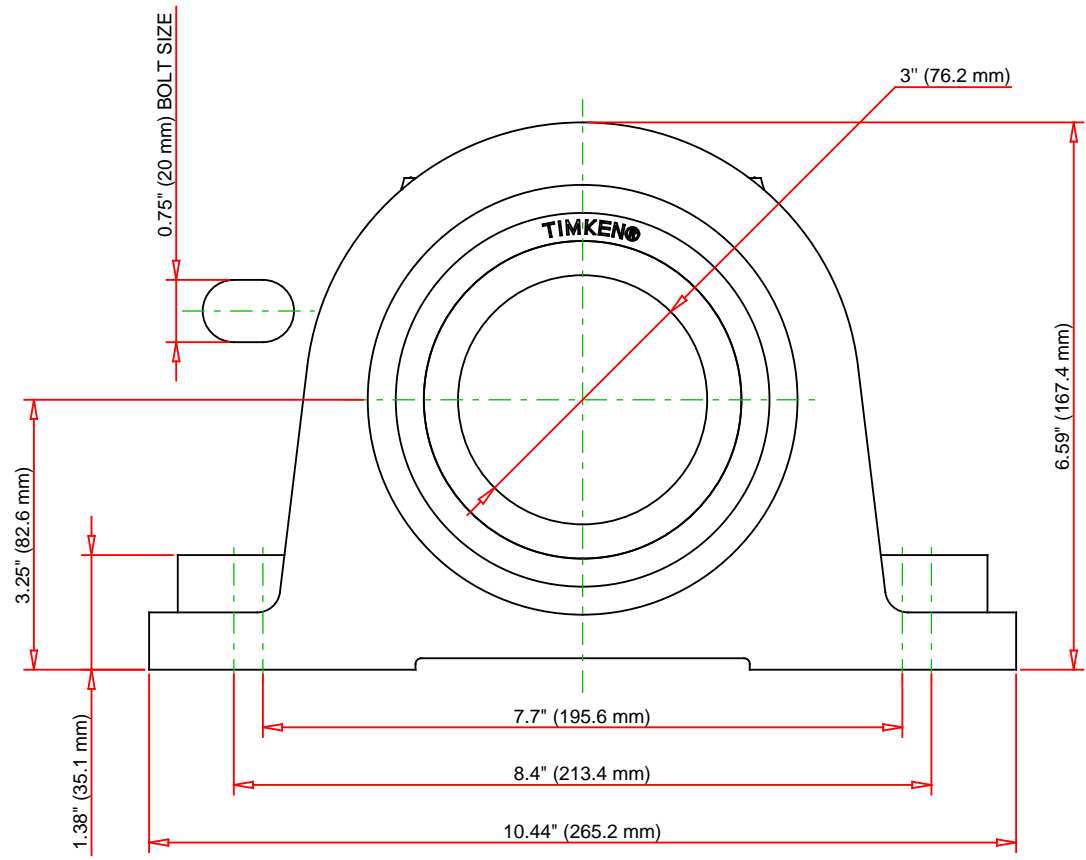
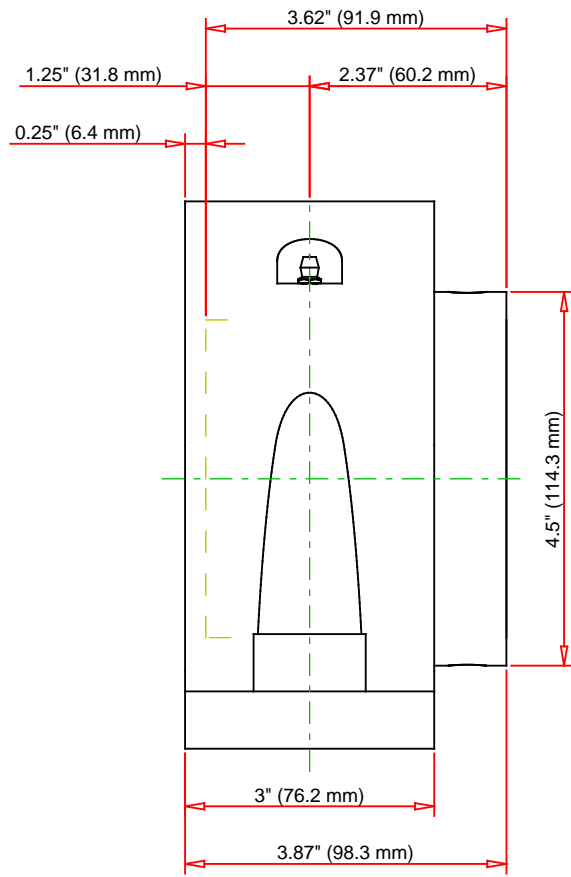
Engineering Internal Radial Clearance

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	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

QAPL15A300S
Single 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