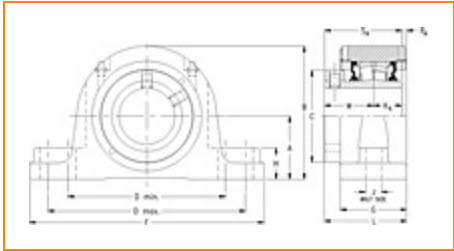
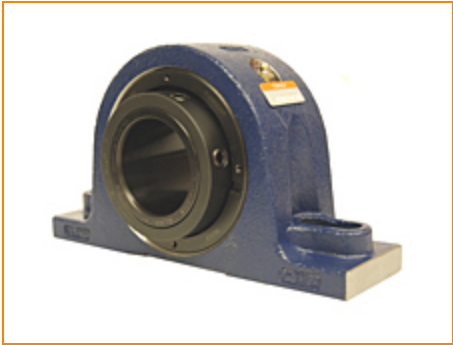




The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number QAPL15A300S, Single Concentric Two-Bolt Pillow 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	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

Grease Lubrication - B/C/O Seal 1300 rpm

Engineering Bearing Attributes

Float 0.083 in
2.108 mm

Shaft Tolerance 0.0020 in
0.051 mm

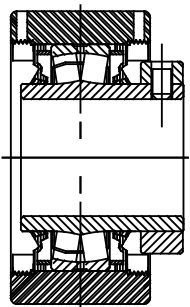
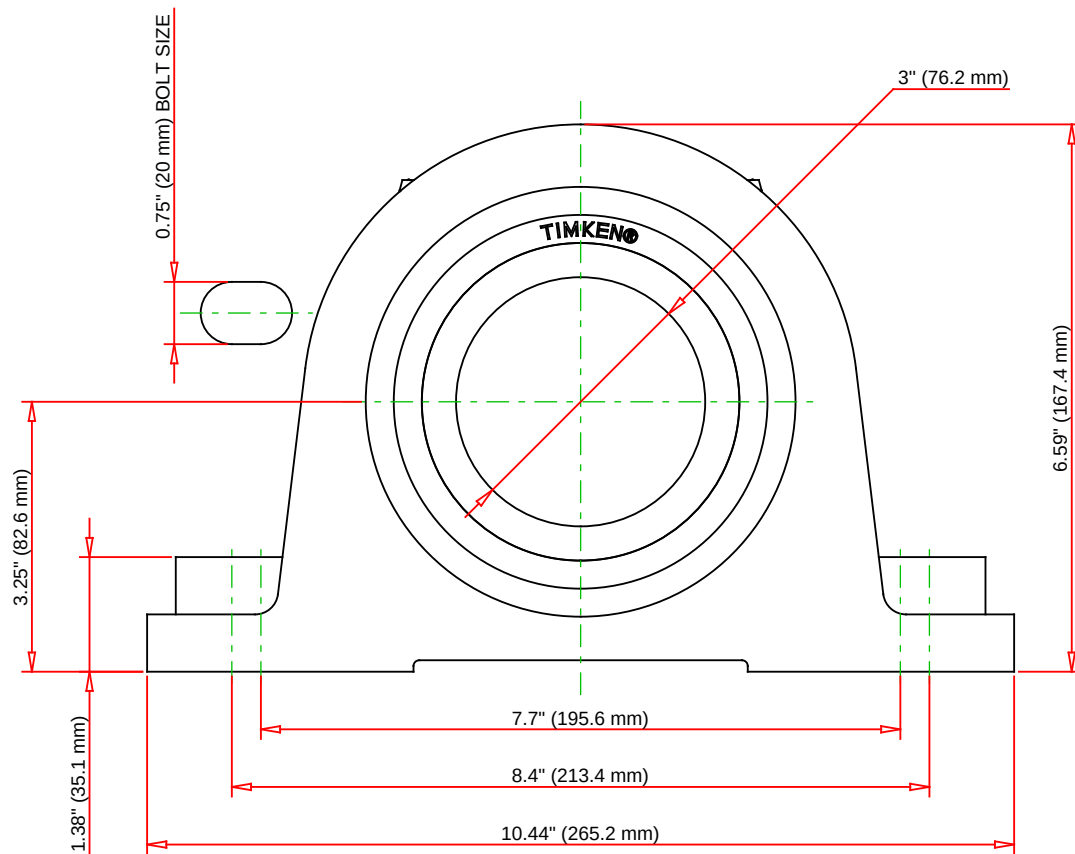
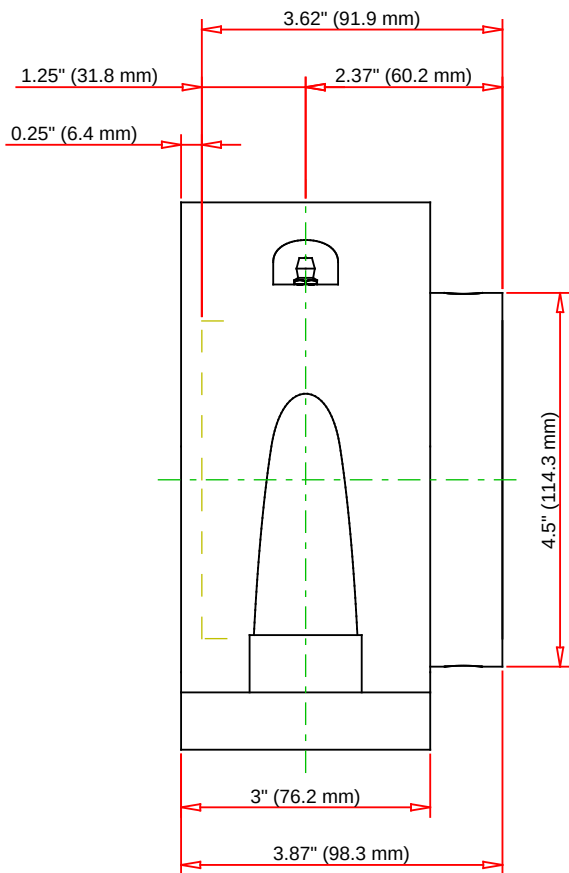
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min 0.0020

Eng Internal Radial Clearance - Max 0.0031

Pre Install Clearance Min 0.0020 in
0.050 mm

Pre Install Clearance Max 0.0031 in
0.080 mm



Note: Section View not to Scale

	C - Dynamic Load	49900	lbf	222000	N		QAPL15A300S Single Concentric Two-Bolt Pillow Block
	C0 - Static Load	54100	lbf	240000	N		
	Weight	28	lb	12.7	kg		
	Max. Speed T-Seals & Grease	2400	rpm		THE TIMKEN COMPANY NORTH CANTON, OHIO USA		
	Rad. Clearance - Max.	0.0031					
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