



The Timken Company

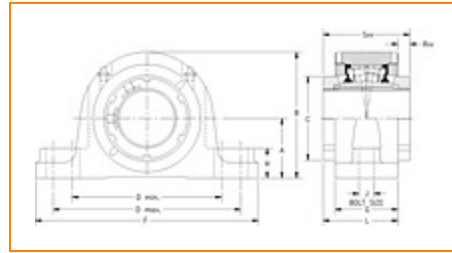
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Part Number QVVP16V300S, Double V-Lock Two-Bolt Pillow Block



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Specifications

Engineering Group	Mounted Bearing
Bearing Number	22216
Shaft Size	3 in
Shaft Size Type	Imperial
Full Timken Part Number	QVVP16V300SB QVVP16V300SC QVVP16V300SEB QVVP16V300SEC QVVP16V300SEM QVVP16V300SEN QVVP16V300SEO QVVP16V300SET QVVP16V300SETNG QVVP16V300SM



QVVP16V300SN
 QVVP16V300SO
 QVVP16V300ST

Locking Style

Double V-Lock

Housing Construction

Two-Bolt Pillow Block

UPC Code

0883450170802
 0883450170994
 0883450171175
 0883450171557
 0883450171748
 0883450171939
 0883450202329
 0883450202701
 0883450214742
 0883450215121
 0883450227162
 0883450227544
 0883450491877

Dimensions
Dimension A

3.13 in
 79.5 mm

Dimension B

6.47 in
 164.3 mm

Dimension C

4.19 in
 106.4 mm

Dimension D Min

7.88 in
 200.2 mm

Dimension D Max

9.63 in
 244.6 mm

Dimension F

11.63 in
 295.4 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 L	3.59 in 91.2 mm
Dimension RVV	0.59 in 15 mm
Dimension SVV	4.18 in 106.2 mm

Radial and Thrust Factors

C0 - Static Load	62500 lbf 278000 N
C - Dynamic Load (Basic)	57200 lbf 254000 N
e - Geometry Factor	0.22
Y1 - Geometry Factor	3.14
Y2 - Geometry Factor	4.67

Engineering Seal Speed

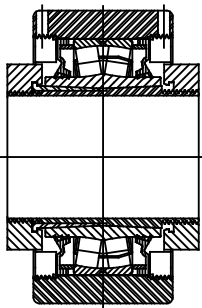
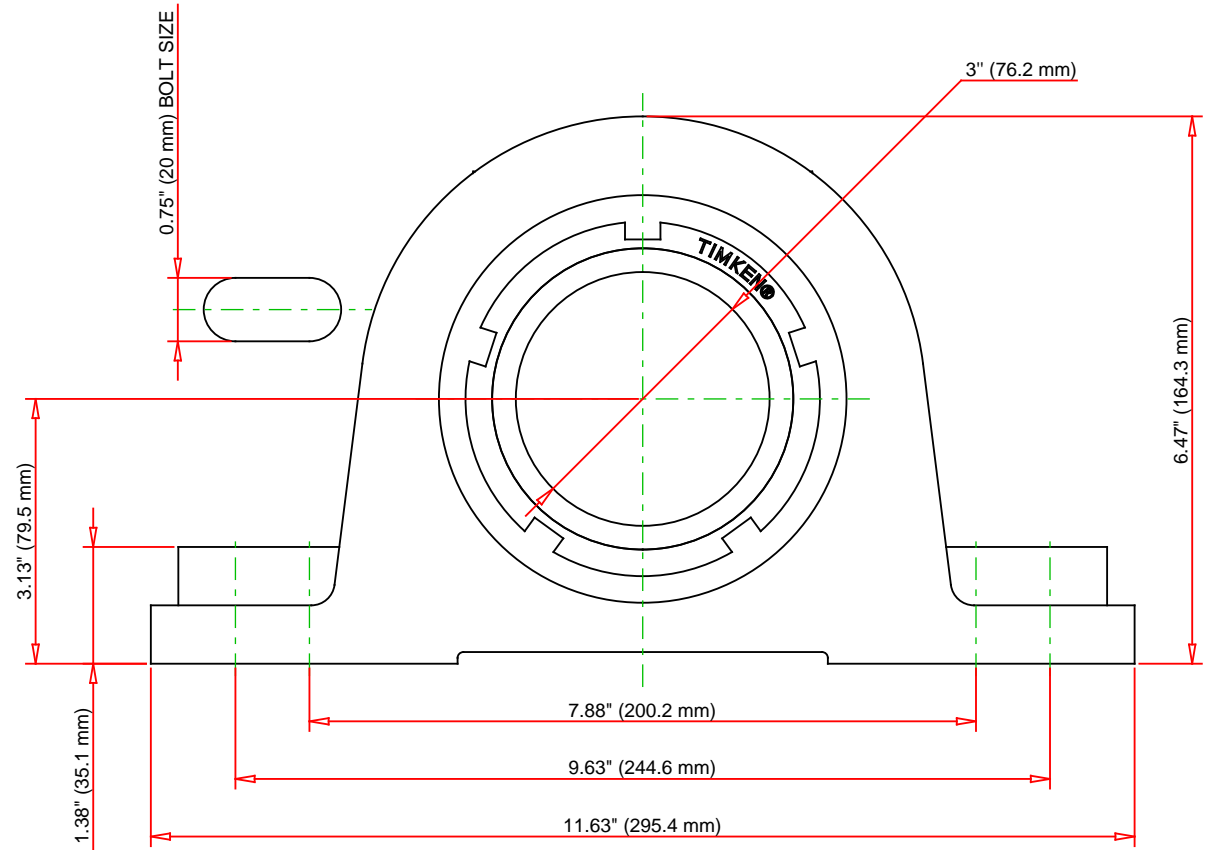
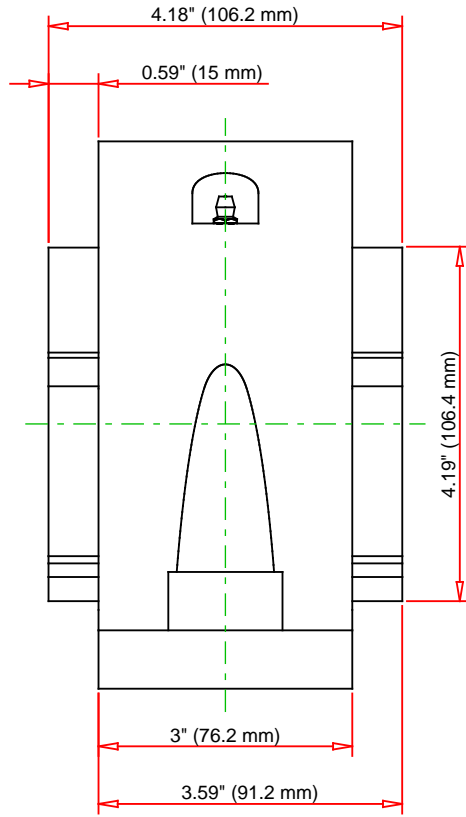
Oil Lubrication - M/N Seal	1500 rpm
Oil Lubrication - T Seal	2650 rpm
Oil Lubrication - B/C/O Seal	1200 rpm
Grease Lubrication - M/N Seal	1500 rpm
Grease Lubrication - T Seal	2200 rpm
Grease Lubrication - B/C/O Seal	1150 rpm

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	0.0037
Eng Internal Radial Clearance - Max	0.0047
Pre Install Clearance Min	0.0037 in 0.095 mm
Pre Install Clearance Max	0.0047 in 0.120 mm



Note: Section View not to Scale

C - Dynamic Load	57200	lbf	254000	N
C0 - Static Load	62500	lbf	278000	N
Weight	28	lb	12.7	kg
Max. Speed T-Seals & Grease	2200	rpm		
Rad. Clearance - Max.	0.0047			

TIMKEN

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NORTH CANTON, OHIO USA

QVVP16V300S
Double V-Lock 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