



**The Timken Company**

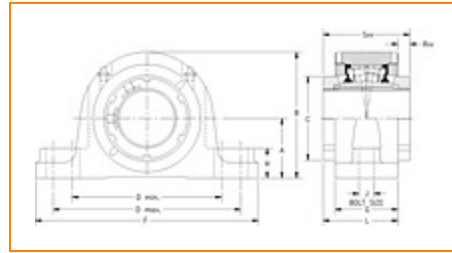
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## Part Number QVVP16V215S, Double V-Lock Two-Bolt Pillow Block



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### Specifications

**Engineering Group** Mounted Bearing

**Bearing Number** 22216

**Shaft Size** 2 15/16 in

**Shaft Size Type** Imperial

**Full Timken Part Number**

- QVVP16V215SB
- QVVP16V215SC
- QVVP16V215SEB
- QVVP16V215SEC
- QVVP16V215SEM
- QVVP16V215SEN
- QVVP16V215SEO
- QVVP16V215SET
- QVVP16V215SM
- QVVP16V215SN
- QVVP16V215SO
- QVVP16V215ST



<b>Locking Style</b>	Double V-Lock
<b>Housing Construction</b>	Two-Bolt Pillow Block
<b>UPC Code</b>	0883450170796 0883450170987 0883450171168 0883450171540 0883450171731 0883450171922 0883450202312 0883450202695 0883450214735 0883450215114 0883450227155 0883450227537

## Dimensions

<b>Dimension A</b>	3.13 in 79.5 mm
<b>Dimension B</b>	6.47 in 164.3 mm
<b>Dimension C</b>	4.19 in 106.4 mm
<b>Dimension D Min</b>	7.88 in 200.2 mm
<b>Dimension D Max</b>	9.63 in 244.6 mm
<b>Dimension F</b>	11.63 in 295.4 mm
<b>Dimension G</b>	3 in 76.2 mm
<b>Dimension H</b>	1.38 in 35.1 mm

<b>Dimension J (Bolt Size)</b>	0.75 in 20 mm
<b>Dimension L</b>	3.59 in 91.2 mm
<b>Dimension RVV</b>	0.59 in 15 mm
<b>Dimension SVV</b>	4.18 in 106.2 mm

## Radial and Thrust Factors

<b>C0 - Static Load</b>	62500 lbf 278000 N
<b>C - Dynamic Load (Basic)</b>	57200 lbf 254000 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>	1500 rpm
<b>Oil Lubrication - T Seal</b>	2650 rpm
<b>Oil Lubrication - B/C/O Seal</b>	1200 rpm
<b>Grease Lubrication - M/N Seal</b>	1500 rpm
<b>Grease Lubrication - T Seal</b>	2200 rpm
<b>Grease Lubrication - B/C/O Seal</b>	1150 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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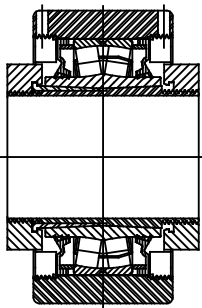
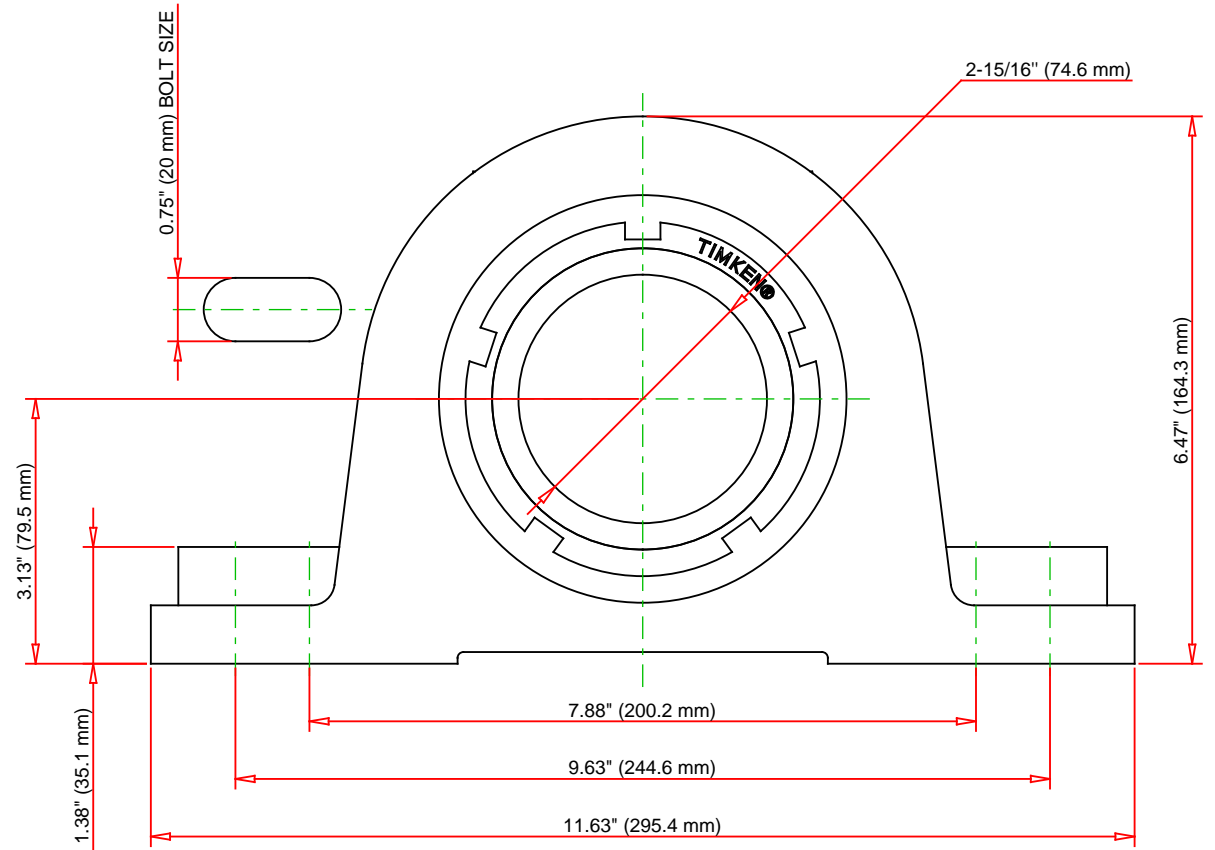
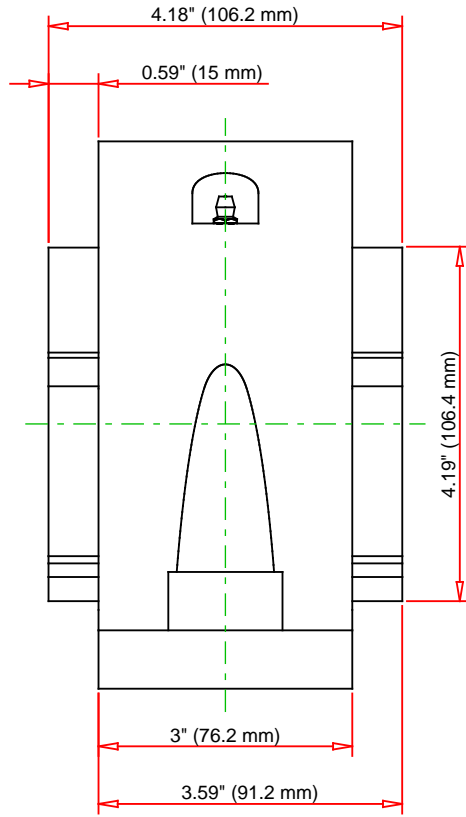
## Engineering Internal Radial Clearance

<b>Eng Internal Radial Clearance - Min</b>	0.0037
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<b>Eng Internal Radial Clearance - Max</b>	0.0047
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<b>Pre Install Clearance Min</b>	0.0037 in 0.095 mm
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<b>Pre Install Clearance Max</b>	0.0047 in 0.120 mm
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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**

THE TIMKEN COMPANY  
NORTH CANTON, OHIO USA

**QVVP16V215S**  
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**