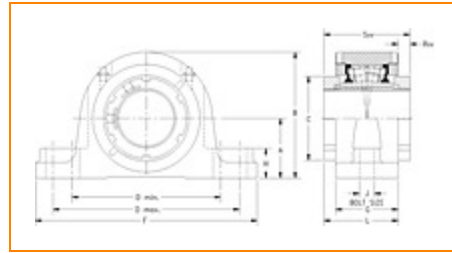



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**Part Number QVVSN22V315S, Double V-Lock Two-Bolt Pillow Block**


[Specifications](#) | [Dimensions](#) | [Radial and Thrust Factors](#) | [Engineering Seal Speed](#) | [Engineering Bearing Attributes](#) | [Engineering Internal Radial Clearance](#)

**Specifications**

**Engineering Group** Mounted Bearing

**Bearing Number** 22222

**Shaft Size** 3 15/16 in

**Shaft Size Type** Imperial

**Full Timken Part Number**

- QVVSN22V315SB
- QVVSN22V315SC
- QVVSN22V315SEB
- QVVSN22V315SEC
- QVVSN22V315SEM
- QVVSN22V315SEN
- QVVSN22V315SEO
- QVVSN22V315SET
- QVVSN22V315SM
- QVVSN22V315SN
- QVVSN22V315SO
- QVVSN22V315ST



<b>Locking Style</b>	Double V-Lock
<b>Housing Construction</b>	Two-Bolt Pillow Block
<b>UPC Code</b>	0883450150040 0883450150057 0883450150088 0883450177733 0883450178211 0883450178297 0883450205320 0883450205702 0883450217743 0883450218122 0883450230162 0883450230544

## Dimensions

<b>Dimension A</b>	4.92 in 125 mm
<b>Dimension B</b>	9.49 in 241 mm
<b>Dimension C</b>	5.51 in 140 mm
<b>Dimension D Min</b>	12.56 in 319 mm
<b>Dimension D Max</b>	14.41 in 366 mm
<b>Dimension F</b>	16.14 in 410 mm
<b>Dimension G</b>	3.98 in 101 mm
<b>Dimension H</b>	2 in 50 mm

<b>Dimension J (Bolt Size)</b>	0.875 in 24 mm
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<b>Dimension L</b>	4.57 in 116 mm
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<b>Dimension RVV</b>	0.59 in 15 mm
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<b>Dimension SVV</b>	5.12 in 130 mm
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## Radial and Thrust Factors

<b>C0 - Static Load</b>	147000 lbf 653000 N
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<b>C - Dynamic Load (Basic)</b>	125000 lbf 555000 N
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<b>e - Geometry Factor</b>	0.25
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<b>Y1 - Geometry Factor</b>	2.73
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<b>Y2 - Geometry Factor</b>	4.06
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## Engineering Seal Speed

<b>Oil Lubrication - M/N Seal</b>	900 rpm
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<b>Oil Lubrication - T Seal</b>	1700 rpm
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<b>Oil Lubrication - B/C/O Seal</b>	600 rpm
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<b>Grease Lubrication - M/N Seal</b>	900 rpm
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<b>Grease Lubrication - T Seal</b>	1200 rpm
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<b>Grease Lubrication - B/C/O Seal</b>	600 rpm
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## Engineering Bearing Attributes

<b>Float</b>	0.083 in 2.108 mm
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<b>Shaft Tolerance</b>	0.0030 in 0.076 mm
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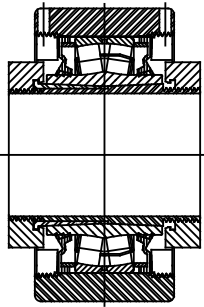
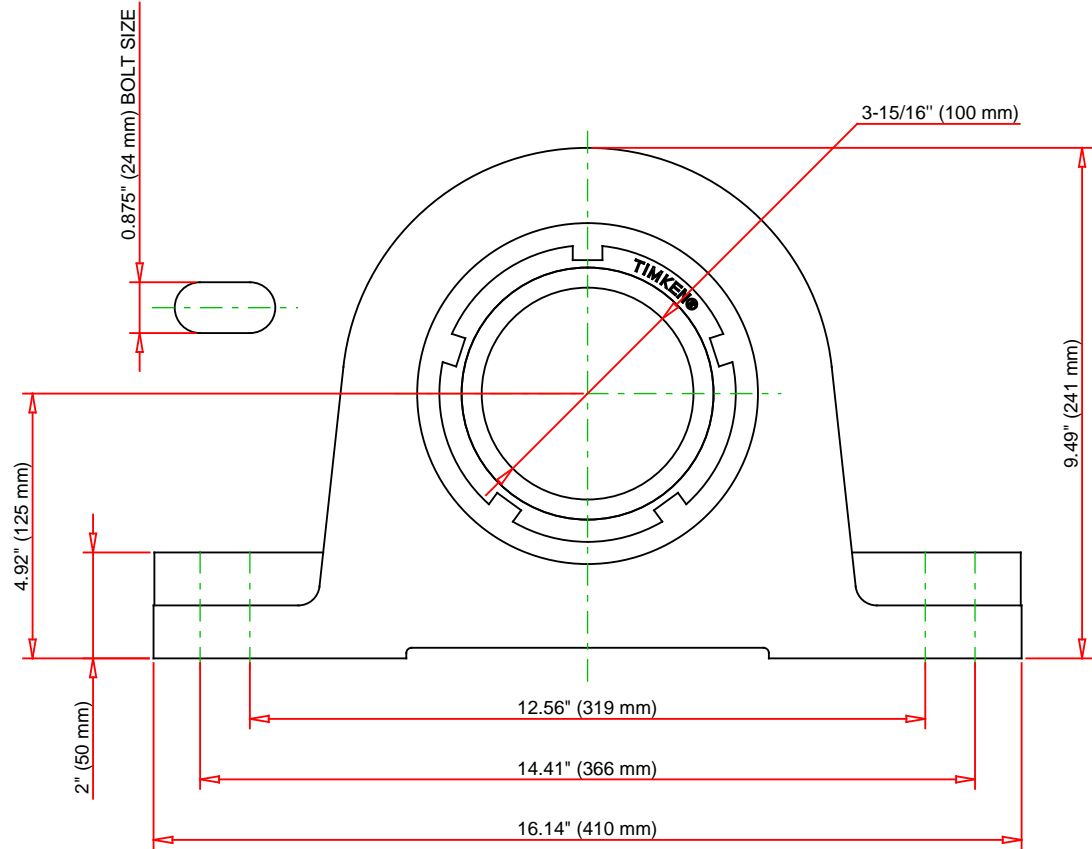
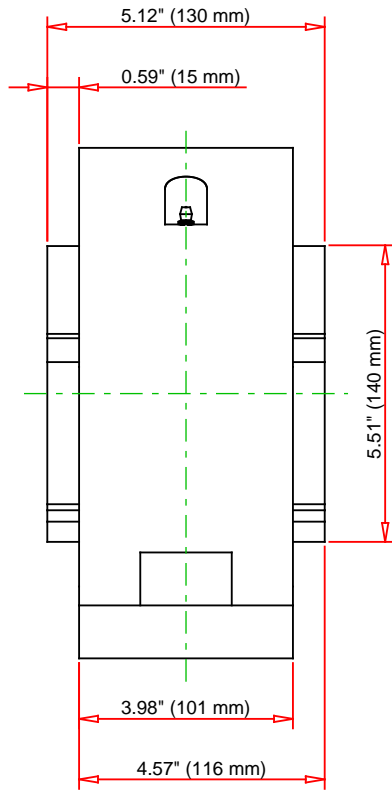
## Engineering Internal Radial Clearance

<b>Eng Internal Radial Clearance - Min</b>	0.0053
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<b>Eng Internal Radial Clearance - Max</b>	0.0067
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<b>Pre Install Clearance Min</b>	0.0053 in 0.135 mm
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<b>Pre Install Clearance Max</b>	0.0067 in 0.170 mm
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Note: Section View not to Scale

C - Dynamic Load	125000	lbf	555000	N
C0 - Static Load	147000	lbf	653000	N
Weight	79	lb	35.8	kg
Max. Speed T-Seals & Grease	1200	rpm		
Rad. Clearance - Max.	0.0067			

**TIMKEN**

THE TIMKEN COMPANY  
NORTH CANTON, OHIO USA

**QVVSN22V315S**  
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**