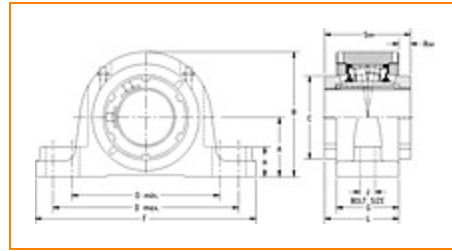



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**Part Number QVVPL14V208S, Double V-Lock Two-Bolt Pillow Block**


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

**Specifications**

**Engineering Group** Mounted Bearing

**Bearing Number** 22214

**Shaft Size** 2 1/2 in

**Shaft Size Type** Imperial

**Full Timken Part Number**

- QVVPL14V208SB
- QVVPL14V208SC
- QVVPL14V208SEB
- QVVPL14V208SEC
- QVVPL14V208SEM
- QVVPL14V208SEN
- QVVPL14V208SEO
- QVVPL14V208SET
- QVVPL14V208SM
- QVVPL14V208SN
- QVVPL14V208SO
- QVVPL14V208ST



<b>Locking Style</b>	Double V-Lock
<b>Housing Construction</b>	Two-Bolt Pillow Block
<b>UPC Code</b>	0883450172257 0883450172448 0883450172639 0883450173018 0883450173209 0883450173391 0883450203029 0883450203401 0883450215442 0883450215824 0883450227865 0883450228244

## Dimensions

<b>Dimension A</b>	2.75 in 69.9 mm
<b>Dimension B</b>	5.8 in 147.3 mm
<b>Dimension C</b>	3.7 in 94 mm
<b>Dimension D Min</b>	6.81 in 173 mm
<b>Dimension D Max</b>	7.44 in 189 mm
<b>Dimension F</b>	9 1/4 in 235 mm
<b>Dimension G</b>	2.9 in 73.7 mm
<b>Dimension H</b>	1.38 in 35.1 mm

<b>Dimension J (Bolt Size)</b>	0.625 in 16 mm
<b>Dimension L</b>	3.5 in 88.9 mm
<b>Dimension RVV</b>	0.6 in 15.2 mm
<b>Dimension SVV</b>	4.09 in 103.9 mm

### Radial and Thrust Factors

<b>C0 - Static Load</b>	52000 lbf 231000 N
<b>C - Dynamic Load (Basic)</b>	47800 lbf 213000 N
<b>e - Geometry Factor</b>	0.23
<b>Y1 - Geometry Factor</b>	2.90
<b>Y2 - Geometry Factor</b>	4.32

### Engineering Seal Speed

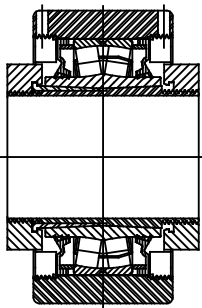
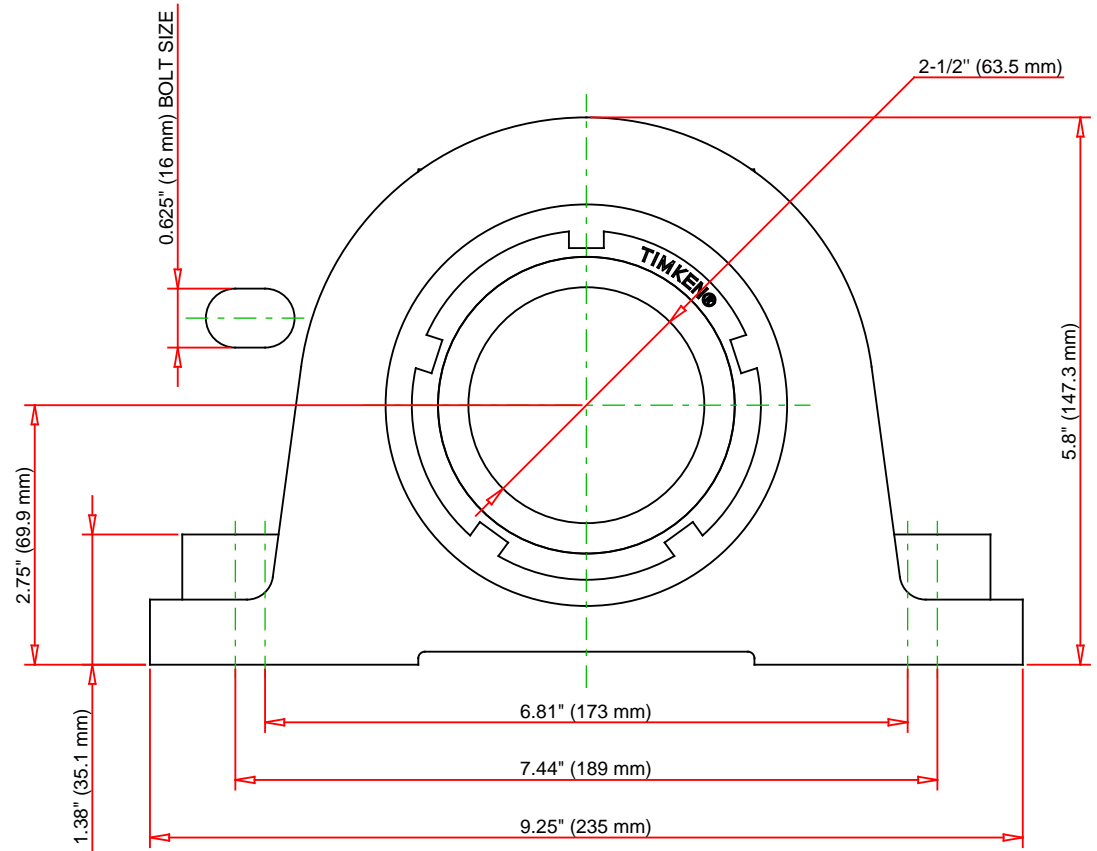
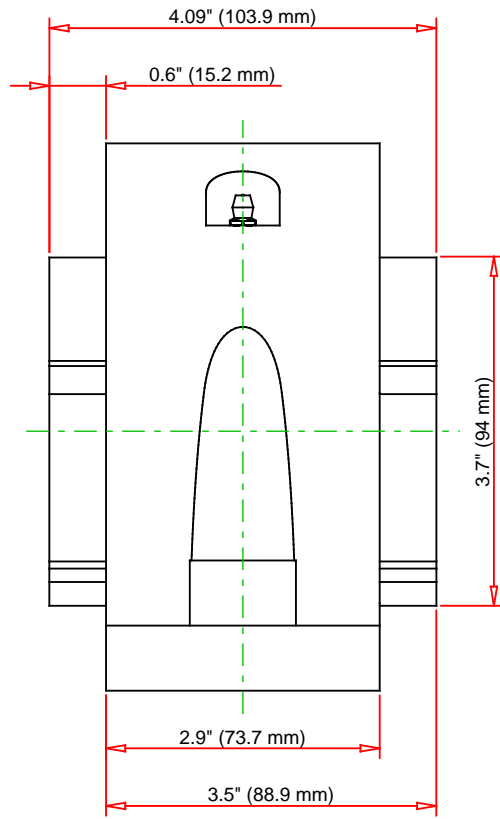
<b>Oil Lubrication - M/N Seal</b>	1700 rpm
<b>Oil Lubrication - T Seal</b>	3050 rpm
<b>Oil Lubrication - B/C/O Seal</b>	1400 rpm
<b>Grease Lubrication - M/N Seal</b>	1700 rpm
<b>Grease Lubrication - T Seal</b>	2600 rpm
<b>Grease Lubrication - B/C/O Seal</b>	1400 rpm

### Engineering Bearing Attributes

<b>Float</b>	0.083 in 2.108 mm
<b>Shaft Tolerance</b>	0.0015 in 0.038 mm

## Engineering Internal Radial Clearance

<b>Eng Internal Radial Clearance - Min</b>	0.0030
<b>Eng Internal Radial Clearance - Max</b>	0.0037
<b>Pre Install Clearance Min</b>	0.0030 in 0.075 mm
<b>Pre Install Clearance Max</b>	0.0037 in 0.094 mm



Note: Section View not to Scale

C - Dynamic Load	47800	lbf	213000	N
C0 - Static Load	52000	lbf	231000	N
Weight	22	lb	10	kg
Max. Speed T-Seals & Grease	2600	rpm		
Rad. Clearance - Max.	0.0037			

**TIMKEN**

THE TIMKEN COMPANY  
NORTH CANTON, OHIO USA

**QVVPL14V208S**  
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**