



The Timken Company

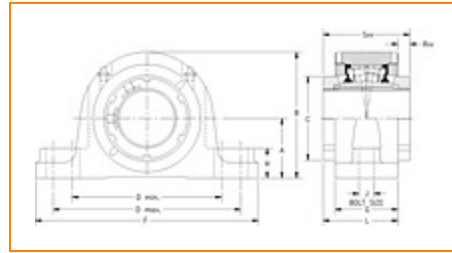
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Part Number QVVP14V208S, Double V-Lock Two-Bolt Pillow Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22214

Shaft Size 2 1/2 in

Shaft Size Type Imperial

Full Timken Part Number

- QVVP14V208SB
- QVVP14V208SC
- QVVP14V208SEB
- QVVP14V208SEC
- QVVP14V208SEM
- QVVP14V208SEN
- QVVP14V208SENNP
- QVVP14V208SEO
- QVVP14V208SET
- QVVP14V208SM



QVVP14V208SN
 QVVP14V208SNNP
 QVVP14V208SO
 QVVP14V208ST

Locking Style Double V-Lock

Housing Construction Two-Bolt Pillow Block

UPC Code

0883450170741
 0883450170932
 0883450171113
 0883450171496
 0883450171687
 0883450171878
 0883450202268
 0883450202640
 0883450214681
 0883450215060
 0883450227100
 0883450227483
 0883450502214
 0883450502221

Dimensions

Dimension A

2.75 in
 69.9 mm

Dimension B

5.8 in
 147.3 mm

Dimension C

3.7 in
 94 mm

Dimension D Min

6.88 in
 174.8 mm

Dimension D Max

8.63 in
 219.2 mm

Dimension F

10 1/4 in
 260.4 mm

Dimension G	2.9 in 73.7 mm
Dimension H	1.38 in 35.1 mm
Dimension J (Bolt Size)	0.625 in 16 mm
Dimension L	3.5 in 88.9 mm
Dimension RVV	0.6 in 15.2 mm
Dimension SVV	4.09 in 103.9 mm

Radial and Thrust Factors

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

Engineering Seal Speed

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

Grease Lubrication - T Seal	2600 rpm
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Grease Lubrication - B/C/O Seal	1400 rpm
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Engineering Bearing Attributes

Float	0.083 in 2.108 mm
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Shaft Tolerance	0.0015 in 0.038 mm
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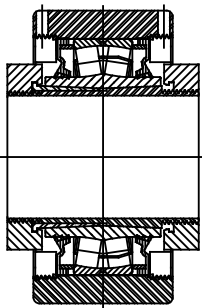
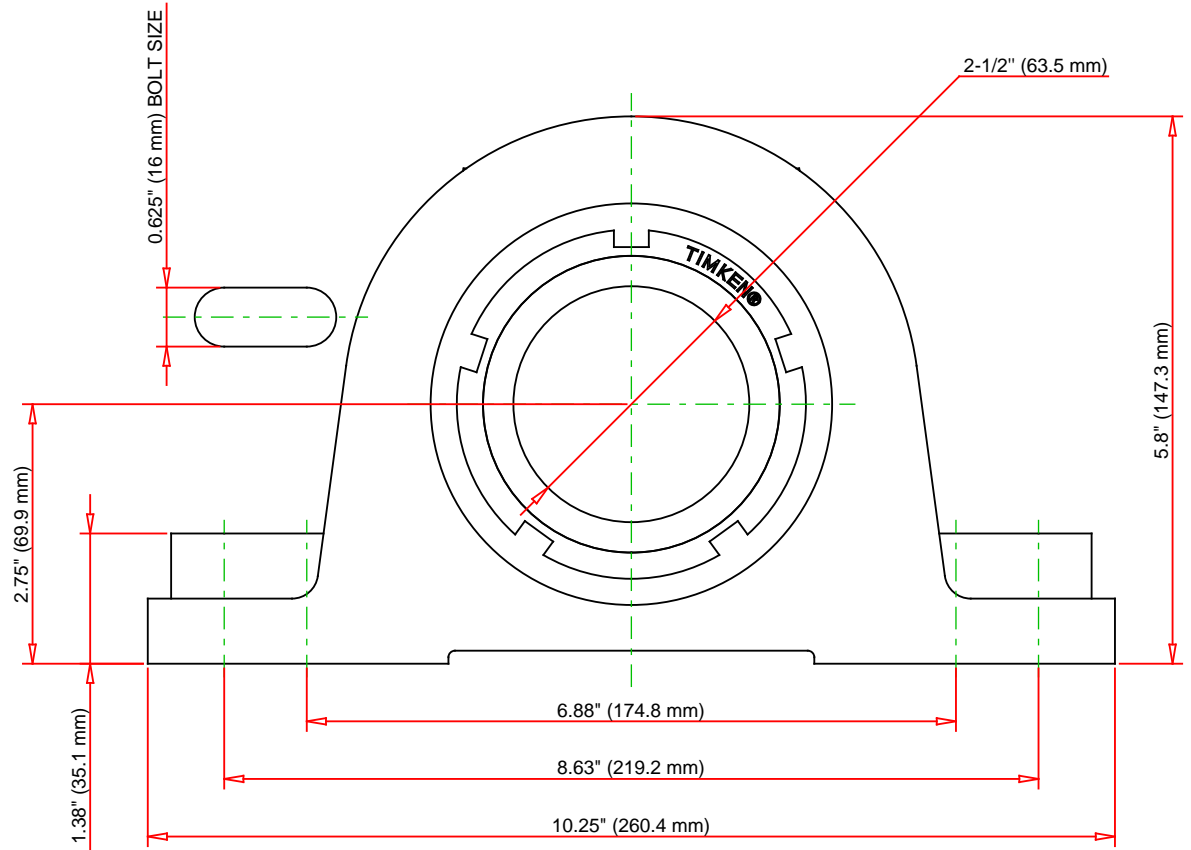
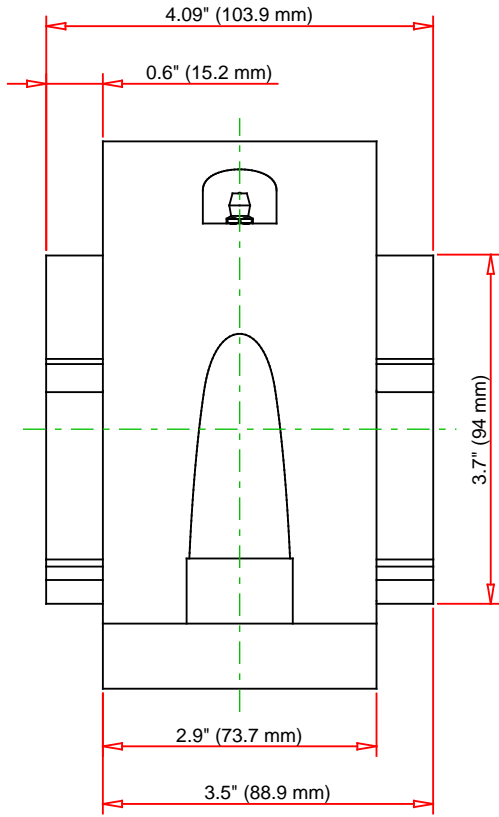
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0030
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Eng Internal Radial Clearance - Max	0.0037
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Pre Install Clearance Min	0.0030 in 0.075 mm
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Pre Install Clearance Max	0.0037 in 0.094 mm
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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

QVVP14V208S
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