



The Timken Company

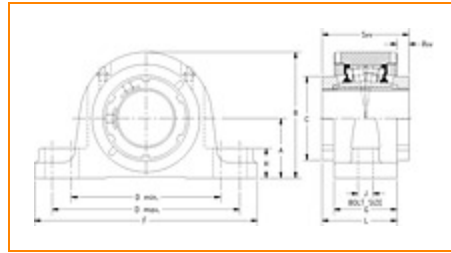
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Part Number QVVP14V207S, Double V-Lock Two-Bolt Pillow Block



[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 7/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QVVP14V207SB QVVP14V207SC QVVP14V207SEB QVVP14V207SEC QVVP14V207SEM QVVP14V207SEN QVVP14V207SEO QVVP14V207SET QVVP14V207SM QVVP14V207SMNPFG



QVVP14V207SN
 QVVP14V207SO
 QVVP14V207ST

Locking Style

Double V-Lock

Housing Construction

Two-Bolt Pillow Block

UPC Code

0883450153225
 0883450170734
 0883450170925
 0883450171489
 0883450171670
 0883450171861
 0883450202251
 0883450202633
 0883450214674
 0883450215053
 0883450227094
 0883450227476
 0883450434157

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

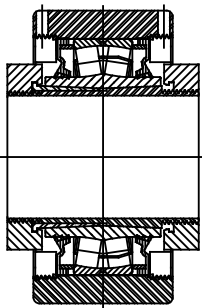
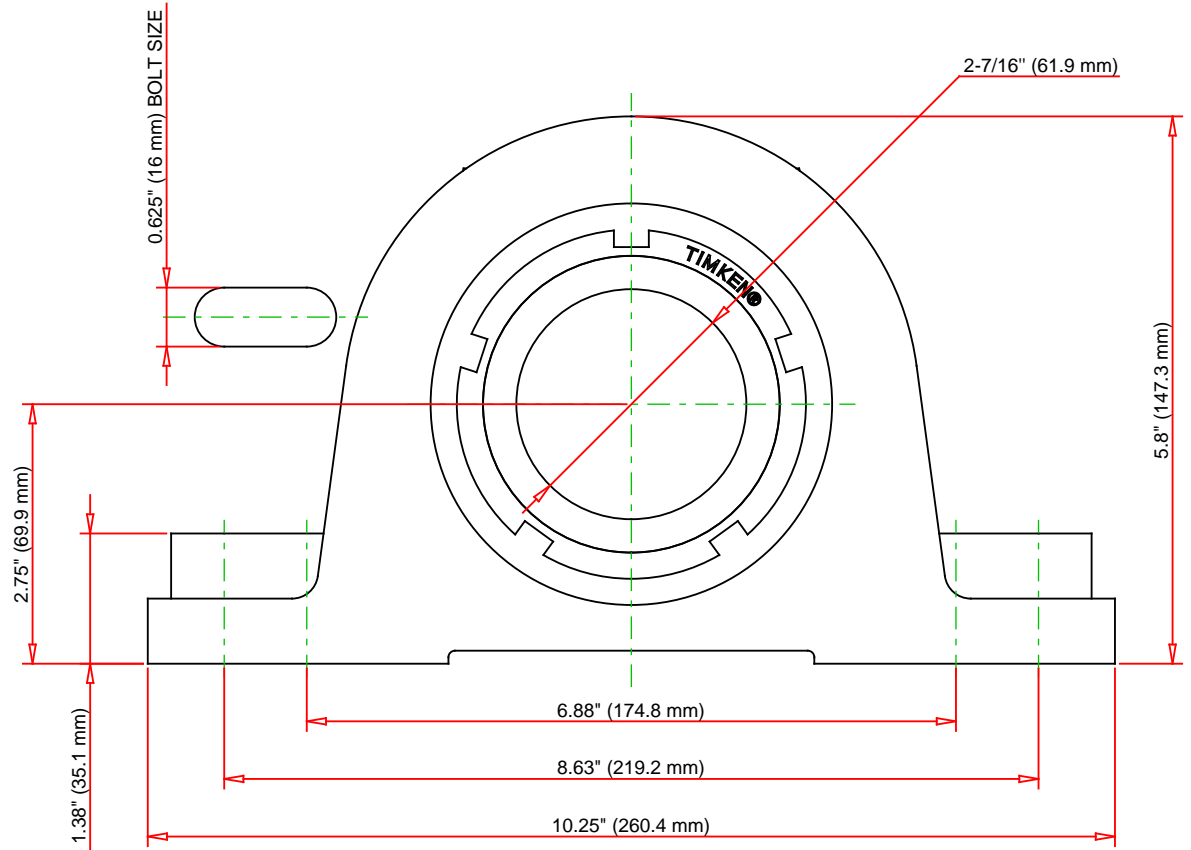
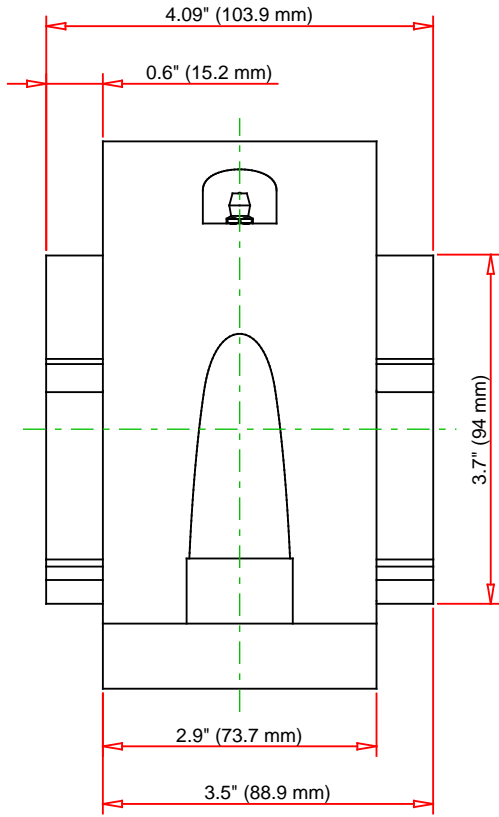
Oil Lubrication - M/N Seal	1700 rpm
Oil Lubrication - T Seal	3050 rpm
Oil Lubrication - B/C/O Seal	1400 rpm
Grease Lubrication - M/N Seal	1700 rpm
Grease Lubrication - T Seal	2600 rpm
Grease Lubrication - B/C/O Seal	1400 rpm

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
Shaft Tolerance	0.0015 in 0.038 mm

Engineering Internal Radial Clearance

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

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NORTH CANTON, OHIO USA

QVVP14V207S

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.

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