



The Timken Company

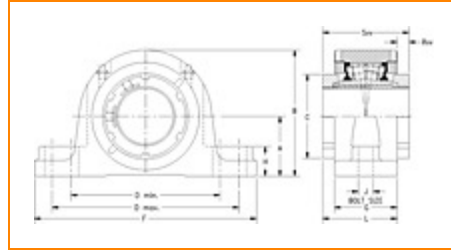
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Part Number QVVPXT14V207S, Double V-Lock Two-Bolt Pillow Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22214

Shaft Size 2 7/16 in

Shaft Size Type Imperial

Full Timken Part Number

- QVVPXT14V207SB
- QVVPXT14V207SC
- QVVPXT14V207SEB
- QVVPXT14V207SEC
- QVVPXT14V207SEM
- QVVPXT14V207SEN
- QVVPXT14V207SEO
- QVVPXT14V207SET
- QVVPXT14V207SM
- QVVPXT14V207SN
- QVVPXT14V207SO
- QVVPXT14V207ST



Locking Style	Double V-Lock
Housing Construction	Two-Bolt Pillow Block
UPC Code	0883450374255
	0883450374262
	0883450374279
	0883450374286
	0883450374293
	0883450374309
	0883450374323
	0883450374330
	0883450374347
	0883450374354
	0883450374361
	0883450374378

Dimensions

Dimension A	3 in 76.2 mm
Dimension B	6.05 in 153.7 mm
Dimension C	3.7 in 94 mm
Dimension D Min	7.66 in 194.6 mm
Dimension D Max	8.78 in 223 mm
Dimension F	11.25 in 285.8 mm
Dimension G	2.9 in 73.7 mm
Dimension H	1.38 in 35.1 mm

Dimension J (Bolt Size)	0.75 in 20 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

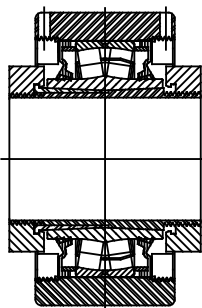
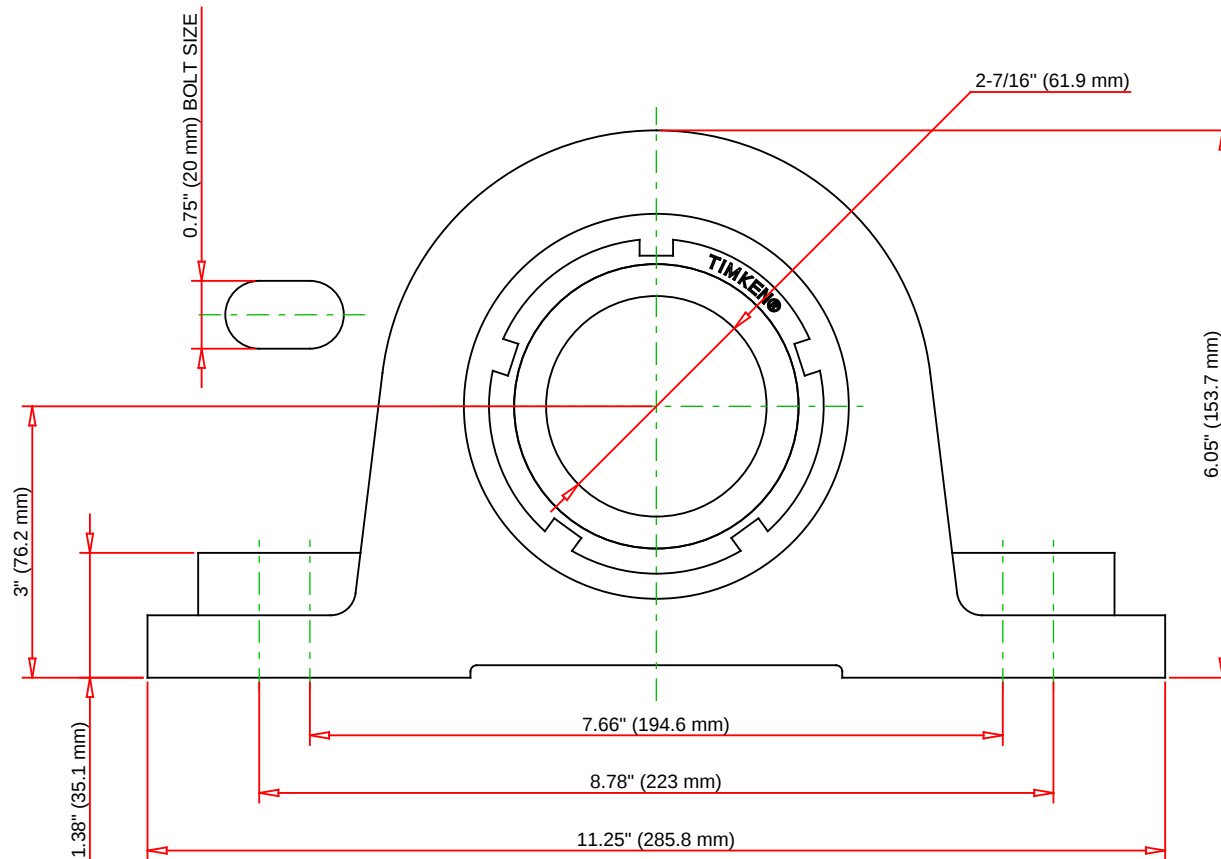
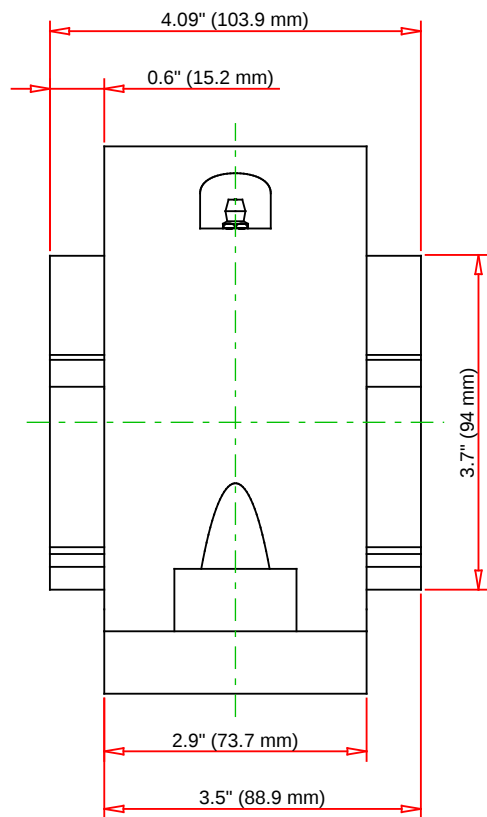
Oil Lubrication - M/N Seal	1700 rpm
Oil Lubrication - T Seal	3050 rpm
Oil Lubrication - B/C/O Seal	1400 rpm
Grease Lubrication - M/N Seal	1700 rpm
Grease Lubrication - T Seal	2600 rpm
Grease Lubrication - B/C/O Seal	1400 rpm

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

QVVPXT14V207S
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