



The Timken Company

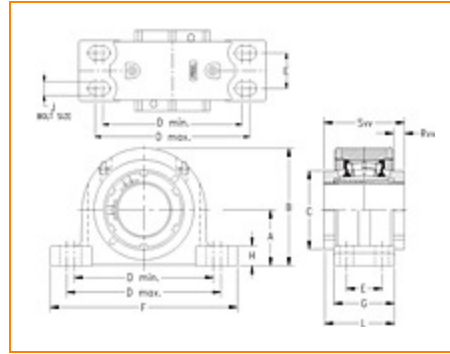
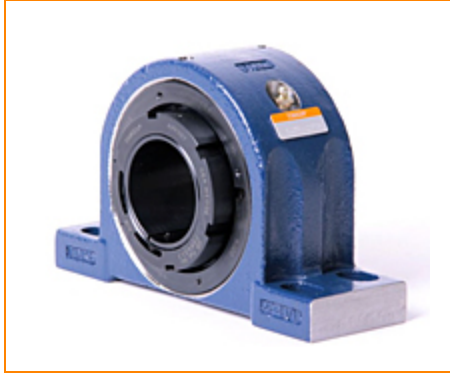
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Part Number QVPR16V300S, Double V-Lock Four-Bolt Pillow Block



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

Specifications

Engineering Group Mounted Bearing

Bearing Number 22216

Shaft Size 3 in

Shaft Size Type Imperial

Full Timken Part Number

- QVPR16V300SB
- QVPR16V300SC
- QVPR16V300SEB
- QVPR16V300SEC
- QVPR16V300SEM
- QVPR16V300SEN
- QVPR16V300SEO
- QVPR16V300SET
- QVPR16V300SM
- QVPR16V300SN
- QVPR16V300SO
- QVPR16V300ST



Locking Style	Double V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450081146
	0883450081214
	0883450081245
	0883450175739
	0883450175920
	0883450176118
	0883450204576
	0883450204897
	0883450216999
	0883450217316
	0883450229418
	0883450229739

Dimensions

Dimension A	3.13 in 79.5 mm
Dimension B	6.47 in 164.3 mm
Dimension C	4.19 in 106.4 mm
Dimension D Min	8 in 203.2 mm
Dimension D Max	9.6 in 243.8 mm
Dimension E	2.13 in 54.1 mm
Dimension F	10.83 in 275.1 mm
Dimension G	3.38 in 85.9 mm

Dimension H	1.16 in 29.5 mm
Dimension J (Bolt Size)	0.625 in 16 mm
Dimension L	3.78 in 96 mm
Dimension RVV	0.6 in 15.2 mm
Dimension SVV	4.18 in 106.2 mm

Radial and Thrust Factors

C0 - Static Load	62500 lbf 278000 N
C - Dynamic Load (Basic)	57200 lbf 254000 N
e - Geometry Factor	0.22
Y1 - Geometry Factor	3.14
Y2 - Geometry Factor	4.67

Engineering Seal Speed

Oil Lubrication - M/N Seal	1500 rpm
Oil Lubrication - T Seal	2650 rpm
Oil Lubrication - B/C/O Seal	1200 rpm
Grease Lubrication - M/N Seal	1500 rpm
Grease Lubrication - T Seal	2200 rpm
Grease Lubrication - B/C/O Seal	1150 rpm

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
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Shaft Tolerance	0.0020 in 0.051 mm
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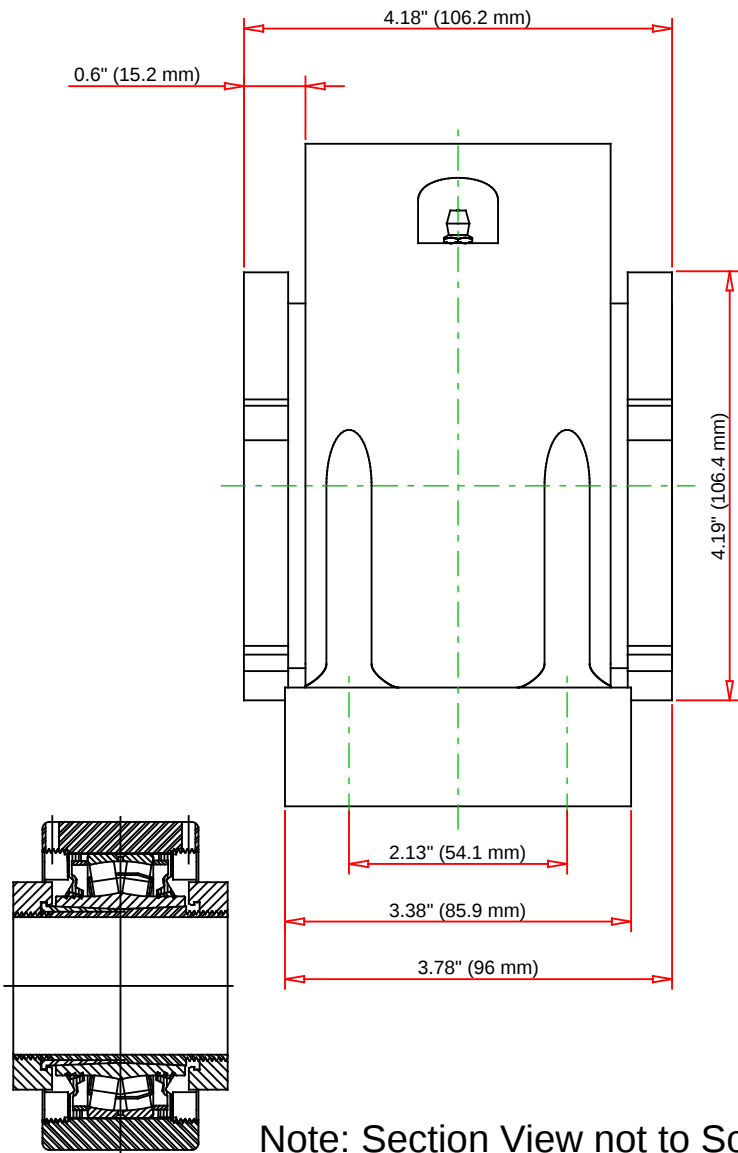
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0037
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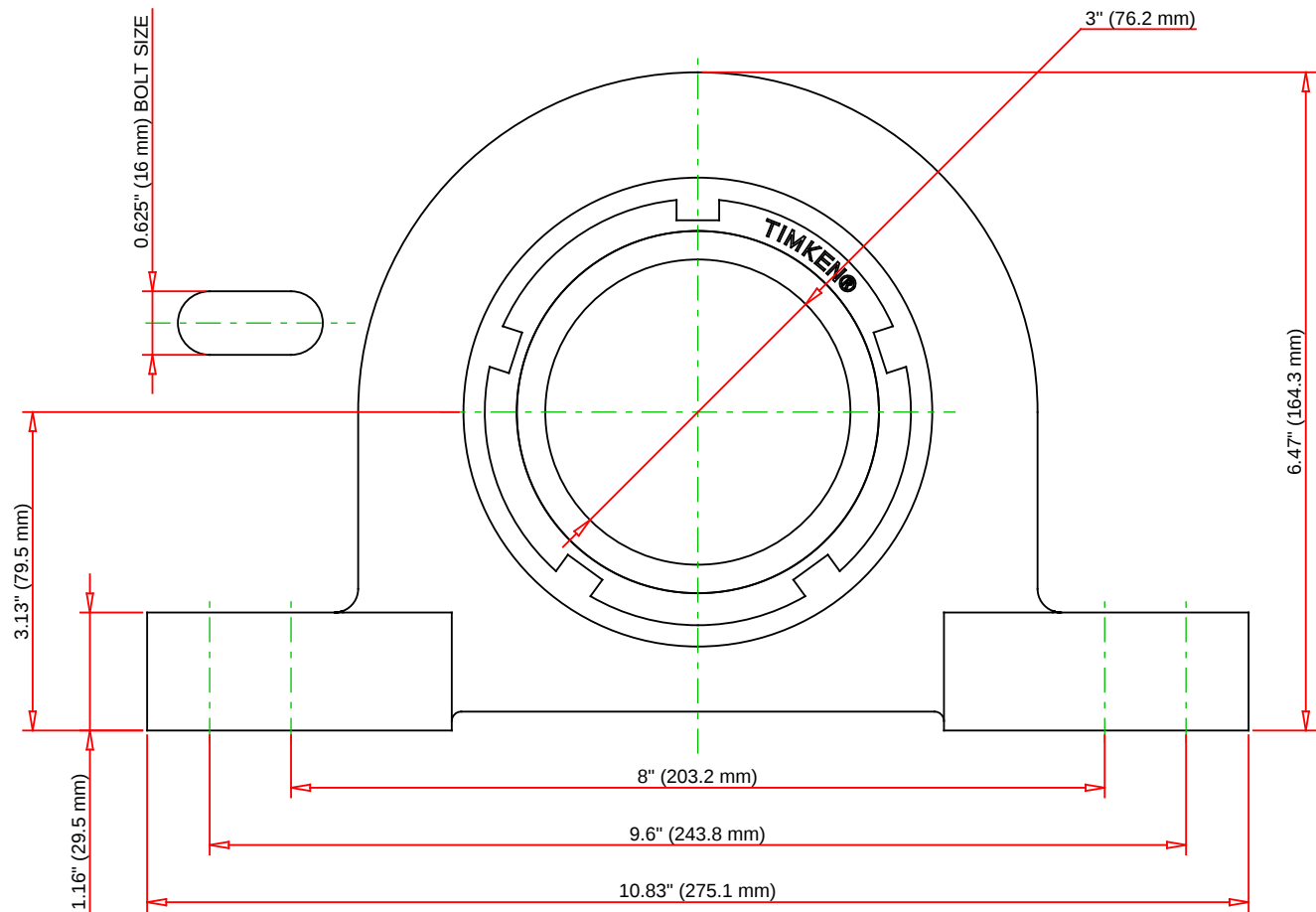
Eng Internal Radial Clearance - Max	0.0047
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Pre Install Clearance Min	0.0037 in 0.095 mm
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Pre Install Clearance Max	0.0047 in 0.120 mm
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Note: Section View not to Scale



C - Dynamic Load	57200	lbf	254000	N
C0 - Static Load	62500	lbf	278000	N
Weight	27	lb	12.2	kg
Max. Speed T-Seals & Grease	2200	rpm		
Rad. Clearance - Max.	0.0047			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVPR16V300S
Double V-Lock Four-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