



The Timken Company

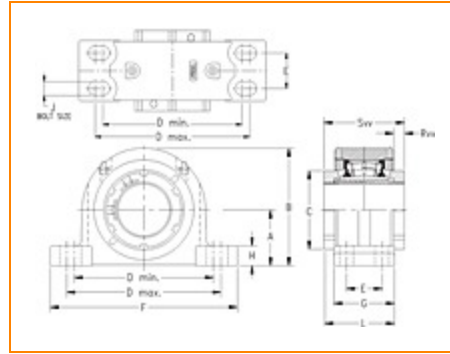
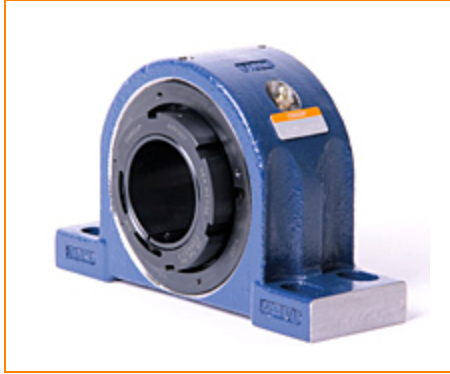
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Part Number QVPR16V215S, Double V-Lock Four-Bolt Pillow Block



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Specifications

Engineering Group	Mounted Bearing
Bearing Number	22216
Shaft Size	2 15/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QVPR16V215SB QVPR16V215SC QVPR16V215SEB QVPR16V215SEC QVPR16V215SEM QVPR16V215SEN QVPR16V215SEO QVPR16V215SET QVPR16V215SETNG QVPR16V215SM QVPR16V215SN QVPR16V215SO QVPR16V215ST



	QVVPR16V215STNG
Locking Style	Double V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450081016
	0883450081047
	0883450081115
	0883450175722
	0883450175913
	0883450176101
	0883450204569
	0883450204880
	0883450216982
	0883450217309
	0883450229401
	0883450229722
	0883450501606
	0883450501613

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

Shaft Tolerance 0.0020 in
0.051 mm

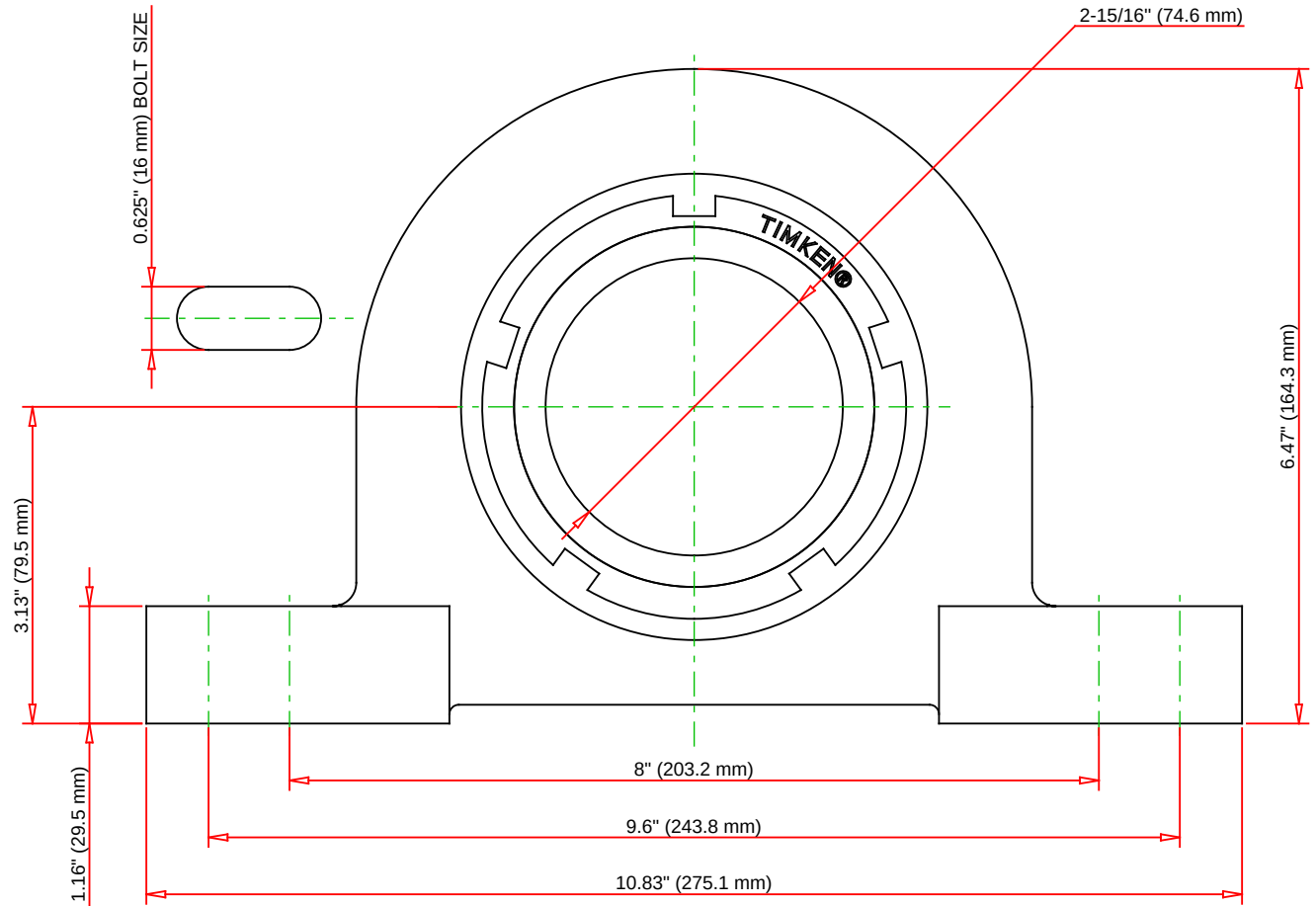
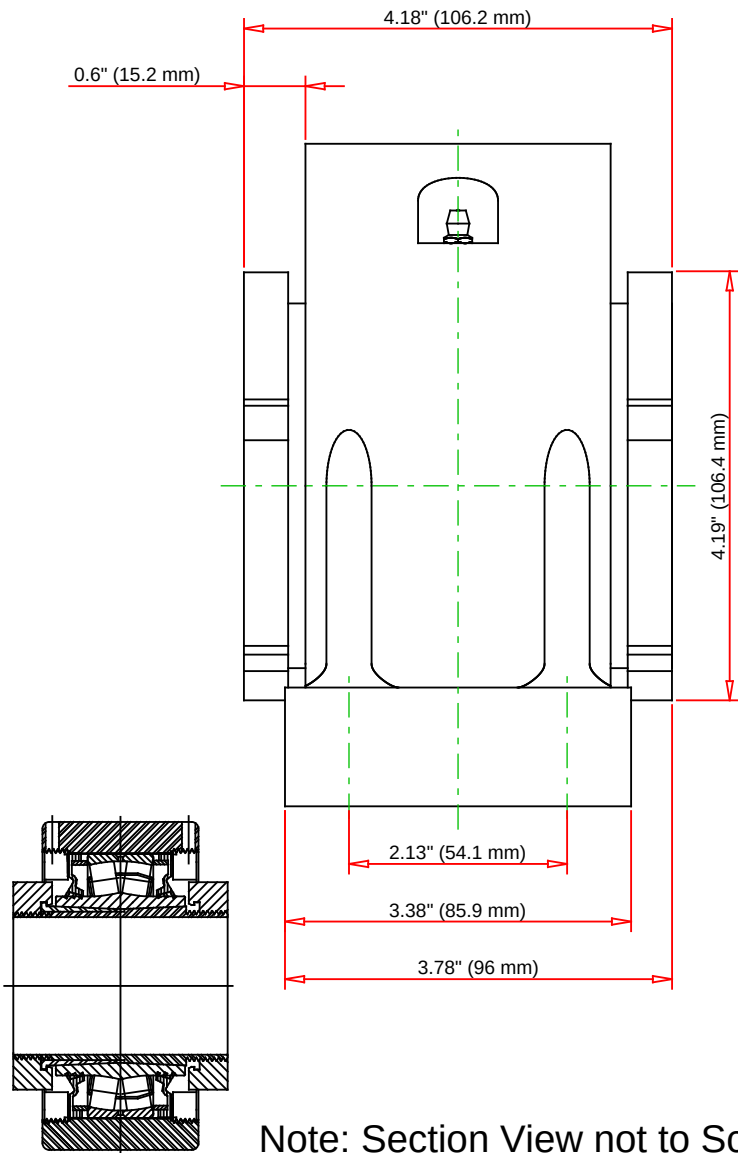
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min 0.0037

Eng Internal Radial Clearance - Max 0.0047

Pre Install Clearance Min 0.0037 in
0.095 mm

Pre Install Clearance Max 0.0047 in
0.120 mm



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

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NORTH CANTON, OHIO USA

QVPR16V215S
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