



The Timken Company

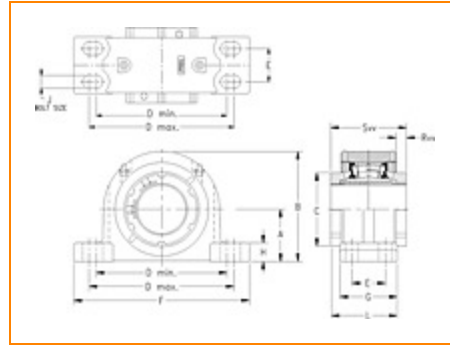
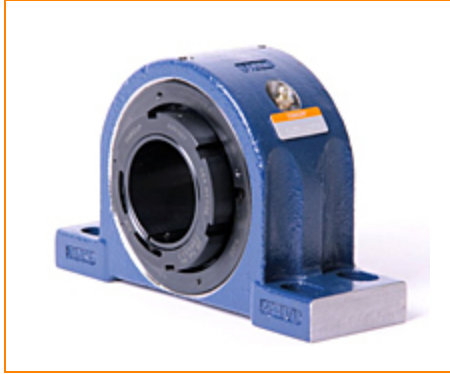
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Part Number QVVPF16V215S, Double V-Lock Four-Bolt Pillow Block



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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

- QVVPF16V215SB
- QVVPF16V215SC
- QVVPF16V215SEB
- QVVPF16V215SEC
- QVVPF16V215SEM
- QVVPF16V215SEMT
- QVVPF16V215SEN
- QVVPF16V215SEO
- QVVPF16V215SET
- QVVPF16V215SM
- QVVPF16V215SMT
- QVVPF16V215SN
- QVVPF16V215SO



	QVVPF16V215ST
Locking Style	Double V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450075213
	0883450075244
	0883450075312
	0883450173827
	0883450174015
	0883450174206
	0883450203838
	0883450204217
	0883450216258
	0883450216630
	0883450228671
	0883450229050
	0883450476614
	0883450476621

Dimensions

Dimension A	3.25 in 82.6 mm
Dimension B	6.59 in 167.4 mm
Dimension C	4.19 in 106.4 mm
Dimension D Min	7.6 in 193 mm
Dimension D Max	9.1 in 231.1 mm
Dimension E	1.88 in 47.8 mm
Dimension F	10.44 in 265.2 mm

Dimension G	3.13 in 79.5 mm
Dimension H	1.29 in 32.8 mm
Dimension J (Bolt Size)	0.625 in 16 mm
Dimension L	3.66 in 93 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

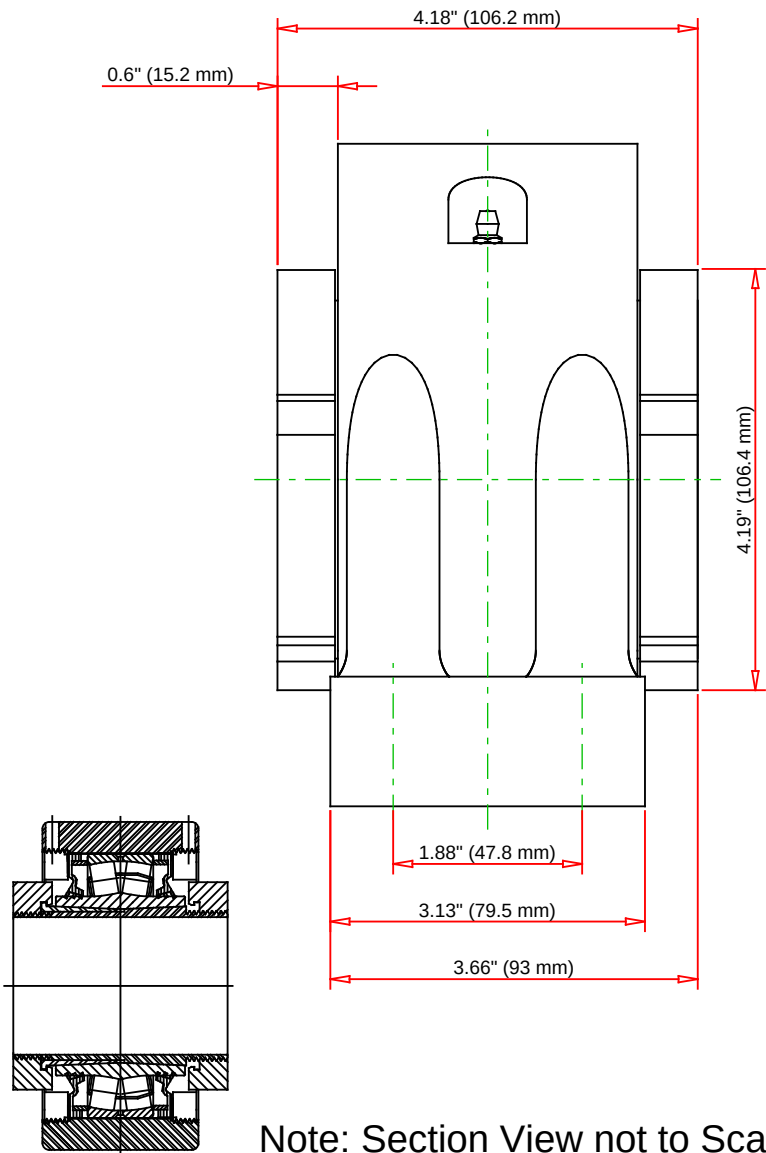
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min 0.0037

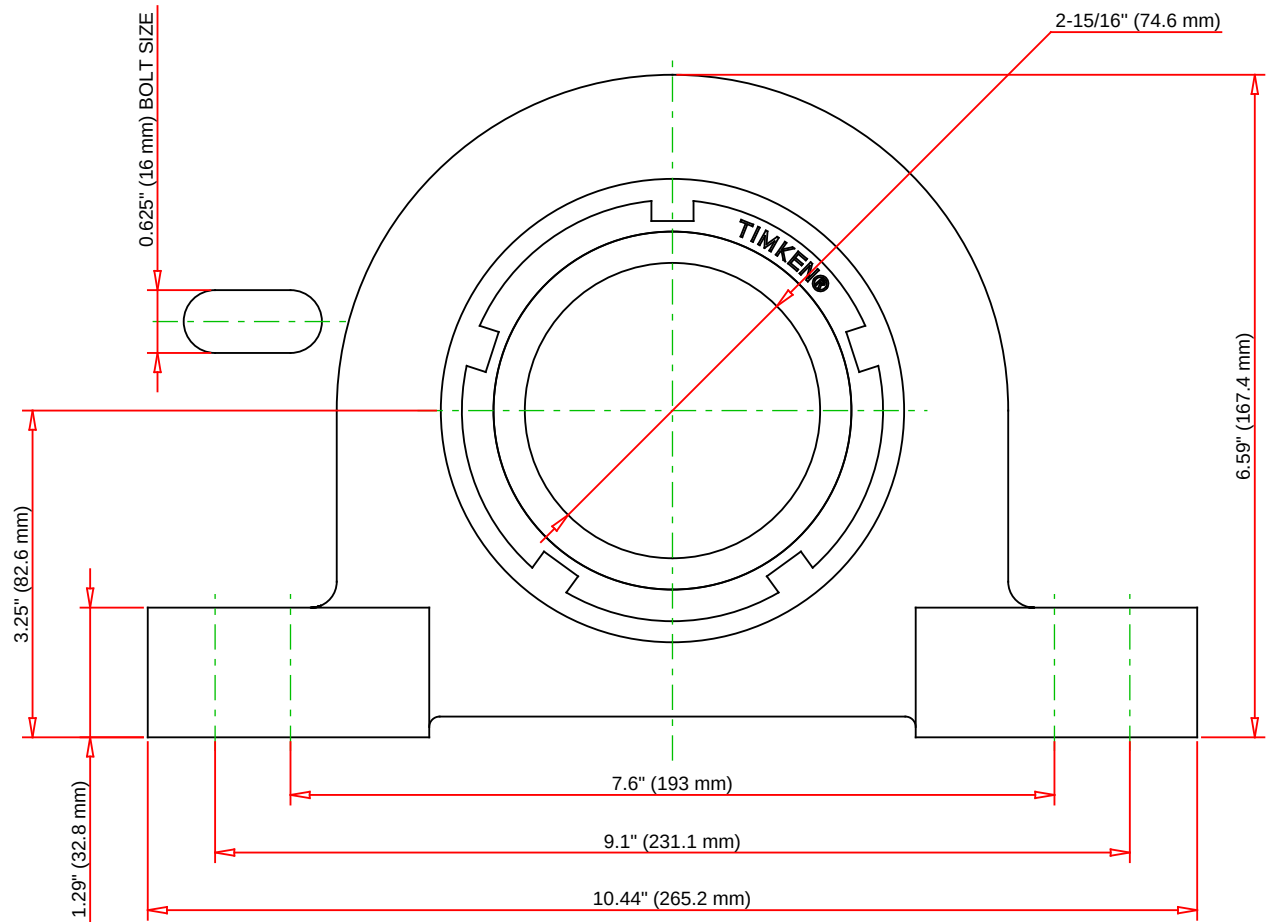
Eng Internal Radial Clearance - Max 0.0047

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

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVVPF16V215S
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