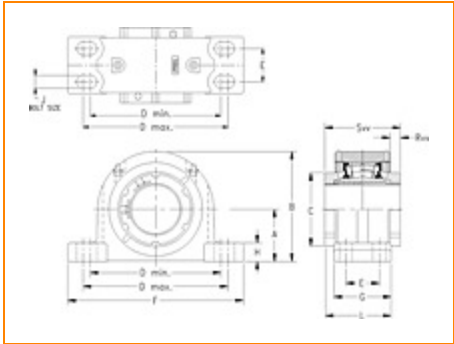
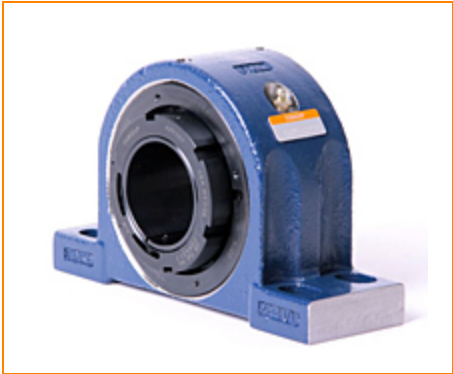




The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number QVVPF22V315S, 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	22222
Shaft Size	3 15/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QVVPF22V315SB QVVPF22V315SC QVVPF22V315SEB QVVPF22V315SEC QVVPF22V315SEM QVVPF22V315SEN QVVPF22V315SEO QVVPF22V315SET QVVPF22V315SM QVVPF22V315SN QVVPF22V315SO QVVPF22V315ST



Locking Style	Double V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450173919
	0883450174107
	0883450174299
	0883450174374
	0883450174565
	0883450174756
	0883450203920
	0883450204309
	0883450216340
	0883450216722
	0883450228763
	0883450229142

Dimensions

Dimension A	4-1/4 in 108 mm
Dimension B	8.78 in 223 mm
Dimension C	5.5 in 139.7 mm
Dimension D Min	10.88 in 276.4 mm
Dimension D Max	13.38 in 339.9 mm
Dimension E	2-1/4 in 57.2 mm
Dimension F	14.88 in 378 mm
Dimension G	4.31 in 109.5 mm

Dimension H	1.4 in 35.6 mm
Dimension J (Bolt Size)	0.75 in 20 mm
Dimension L	4.72 in 119.9 mm
Dimension RVV	0.58 in 14.7 mm
Dimension SVV	5.13 in 130.3 mm

Radial and Thrust Factors

C0 - Static Load	147000 lbf 653000 N
C - Dynamic Load (Basic)	125000 lbf 555000 N
e - Geometry Factor	0.25
Y1 - Geometry Factor	2.73
Y2 - Geometry Factor	4.06

Engineering Seal Speed

Oil Lubrication - M/N Seal	900 rpm
Oil Lubrication - T Seal	1700 rpm
Oil Lubrication - B/C/O Seal	600 rpm
Grease Lubrication - M/N Seal	900 rpm
Grease Lubrication - T Seal	1200 rpm
Grease Lubrication - B/C/O Seal	600 rpm

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
--------------	----------------------

Shaft Tolerance	0.0030 in 0.076 mm
------------------------	-----------------------

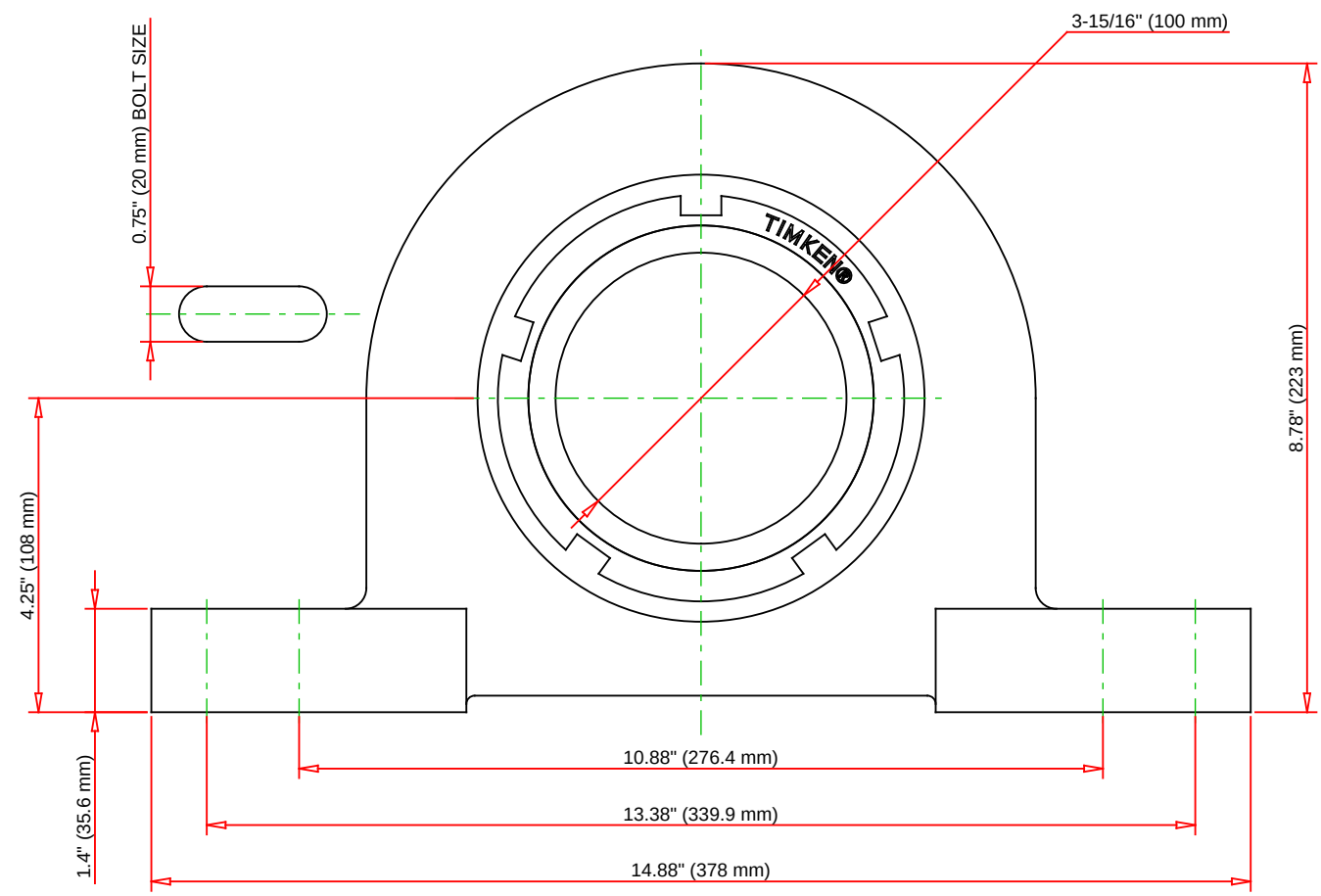
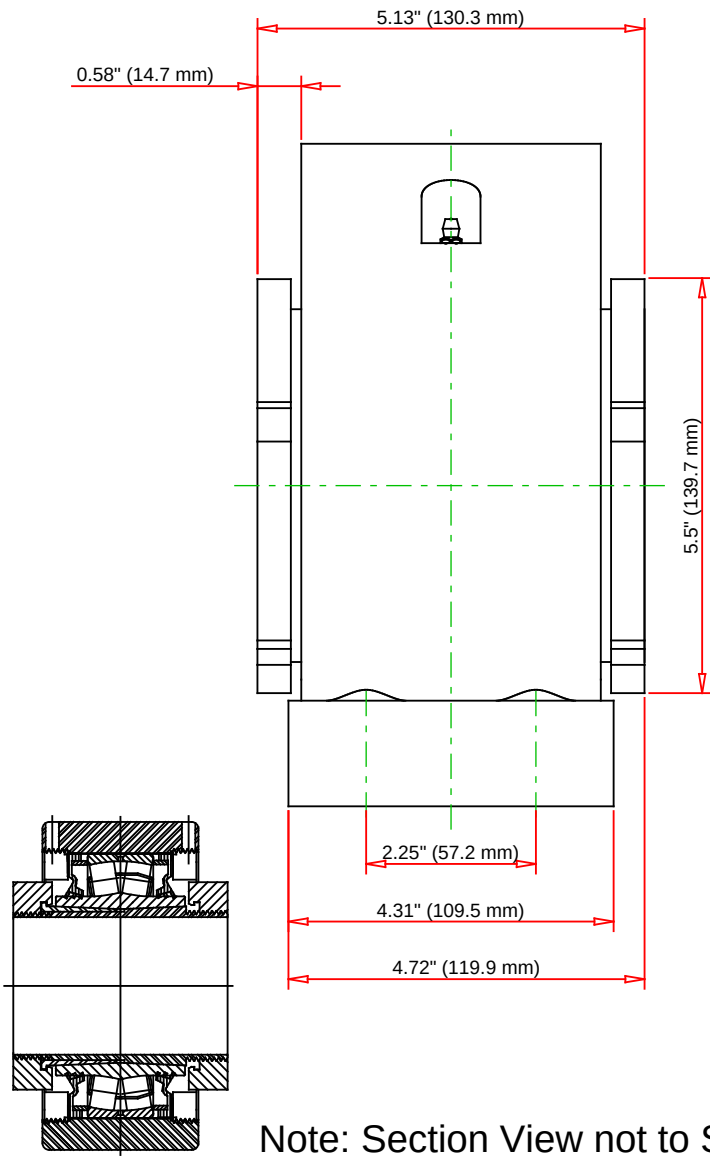
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0053
--	--------

Eng Internal Radial Clearance - Max	0.0067
--	--------

Pre Install Clearance Min	0.0053 in 0.135 mm
----------------------------------	-----------------------

Pre Install Clearance Max	0.0067 in 0.170 mm
----------------------------------	-----------------------



Note: Section View not to Scale

C - Dynamic Load	125000	lbf	555000	N
C0 - Static Load	147000	lbf	653000	N
Weight	67	lb	30.4	kg
Max. Speed T-Seals & Grease	1200	rpm		
Rad. Clearance - Max.	0.0067			

TIMKEN
THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVVPF22V315S
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