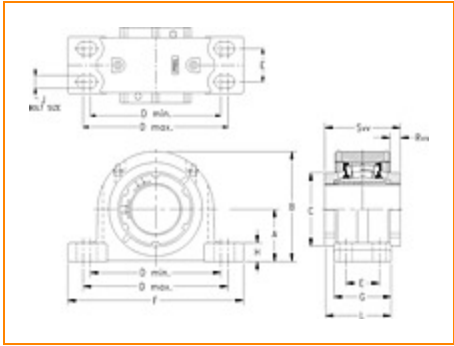
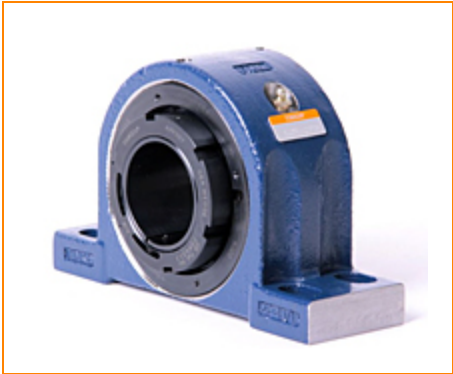




The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number QVVPF22V311S, 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 11/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QVVPF22V311SB QVVPF22V311SC QVVPF22V311SEB QVVPF22V311SEC QVVPF22V311SEM QVVPF22V311SEN QVVPF22V311SEO QVVPF22V311SET QVVPF22V311SM QVVPF22V311SN QVVPF22V311SO QVVPF22V311ST



Locking Style	Double V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450089210
	0883450089548
	0883450100557
	0883450100922
	0883450108669
	0883450108768
	0883450116169
	0883450116350
	0883450130813
	0883450130882
	0883450139304
	0883450139373

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

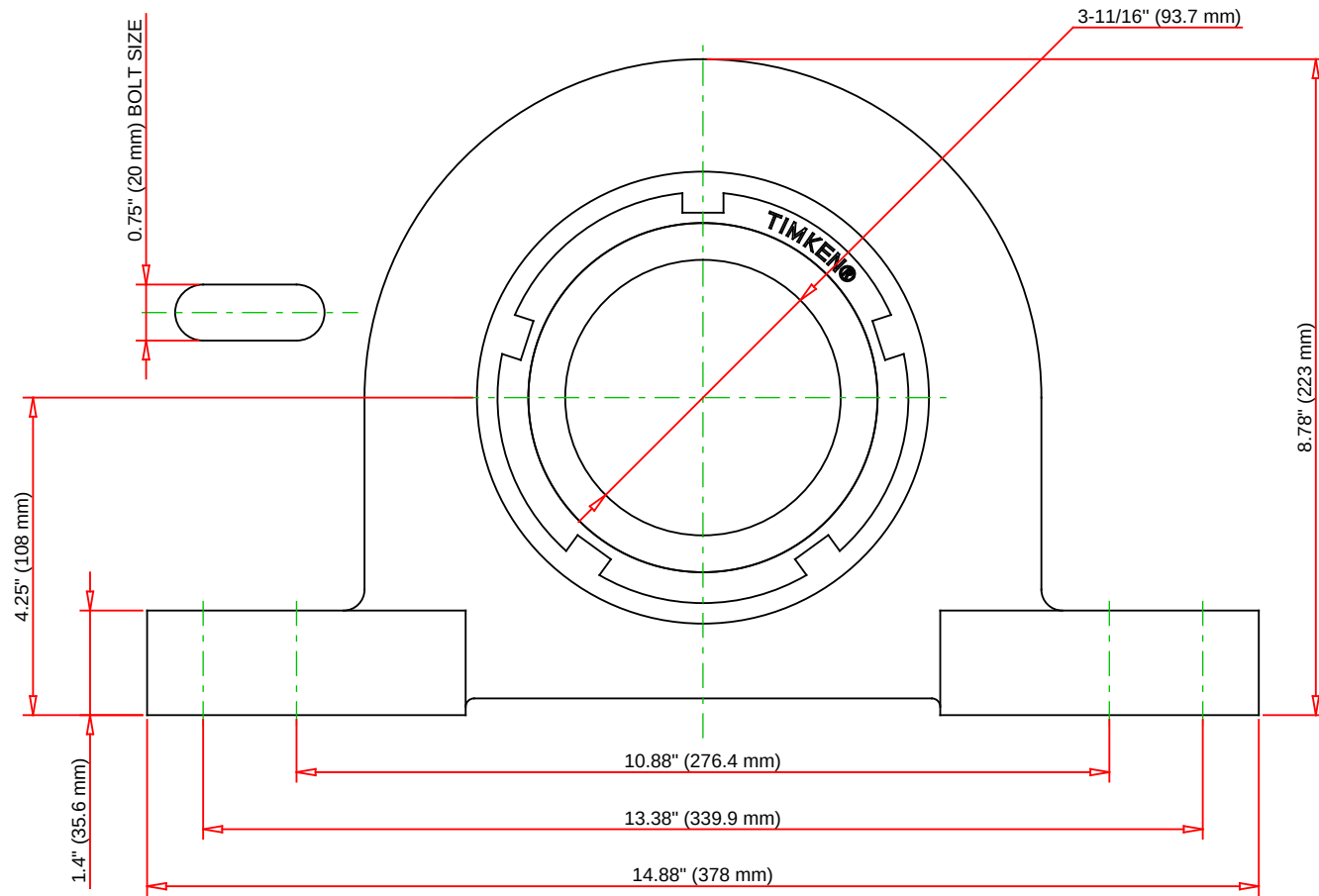
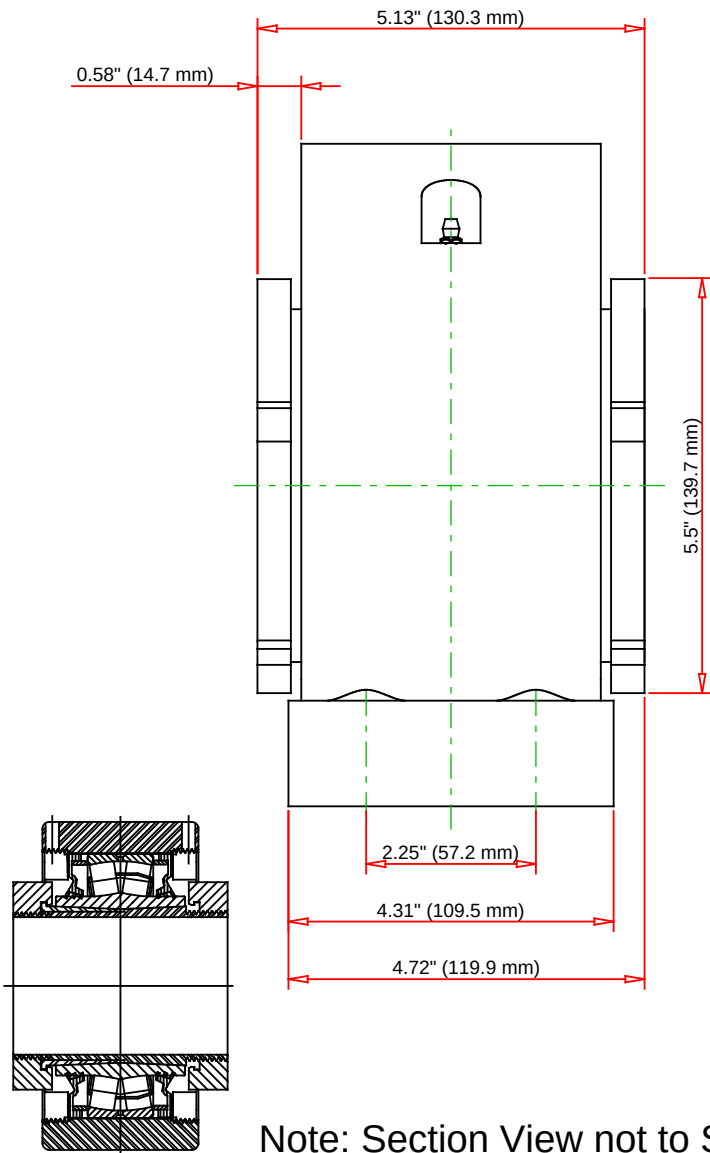
Oil Lubrication - M/N Seal	900 rpm
Oil Lubrication - T Seal	1700 rpm
Oil Lubrication - B/C/O Seal	600 rpm
Grease Lubrication - M/N Seal	900 rpm
Grease Lubrication - T Seal	1200 rpm
Grease Lubrication - B/C/O Seal	600 rpm

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



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

QVVPF22V311S
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