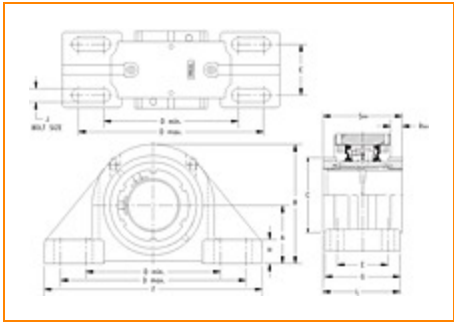
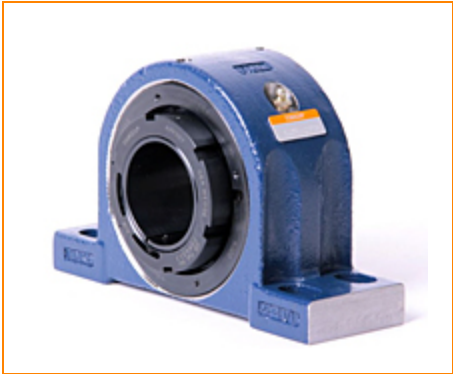




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Part Number QVVPK22V315S, Double V-Lock Four-Bolt Pillow Block



[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	QVVPK22V315SB QVVPK22V315SC QVVPK22V315SEB QVVPK22V315SEC QVVPK22V315SEM QVVPK22V315SEN QVVPK22V315SEO QVVPK22V315SET QVVPK22V315SM QVVPK22V315SN QVVPK22V315SO QVVPK22V315ST



Locking Style	Double V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450077347
	0883450077415
	0883450209571
	0883450209724
	0883450222006
	0883450222150
	0883450234498
	0883450234641
	0883450243179
	0883450243322
	0883450248136
	0883450248280

Dimensions

Dimension A	5-3/4 in 146.1 mm
Dimension B	10.78 in 273.8 mm
Dimension C	5.5 in 139.7 mm
Dimension D Min	13.94 in 354.1 mm
Dimension D Max	15.56 in 395.2 mm
Dimension E	4 in 101.6 mm
Dimension F	18-1/2 in 469.9 mm
Dimension G	6-1/4 in 158.8 mm

Dimension H	1.8 in 45.7 mm
Dimension J (Bolt Size)	1 in 24 mm
Dimension L	5.45 in 138.4 mm
Dimension RVV	0.57 in 14.5 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

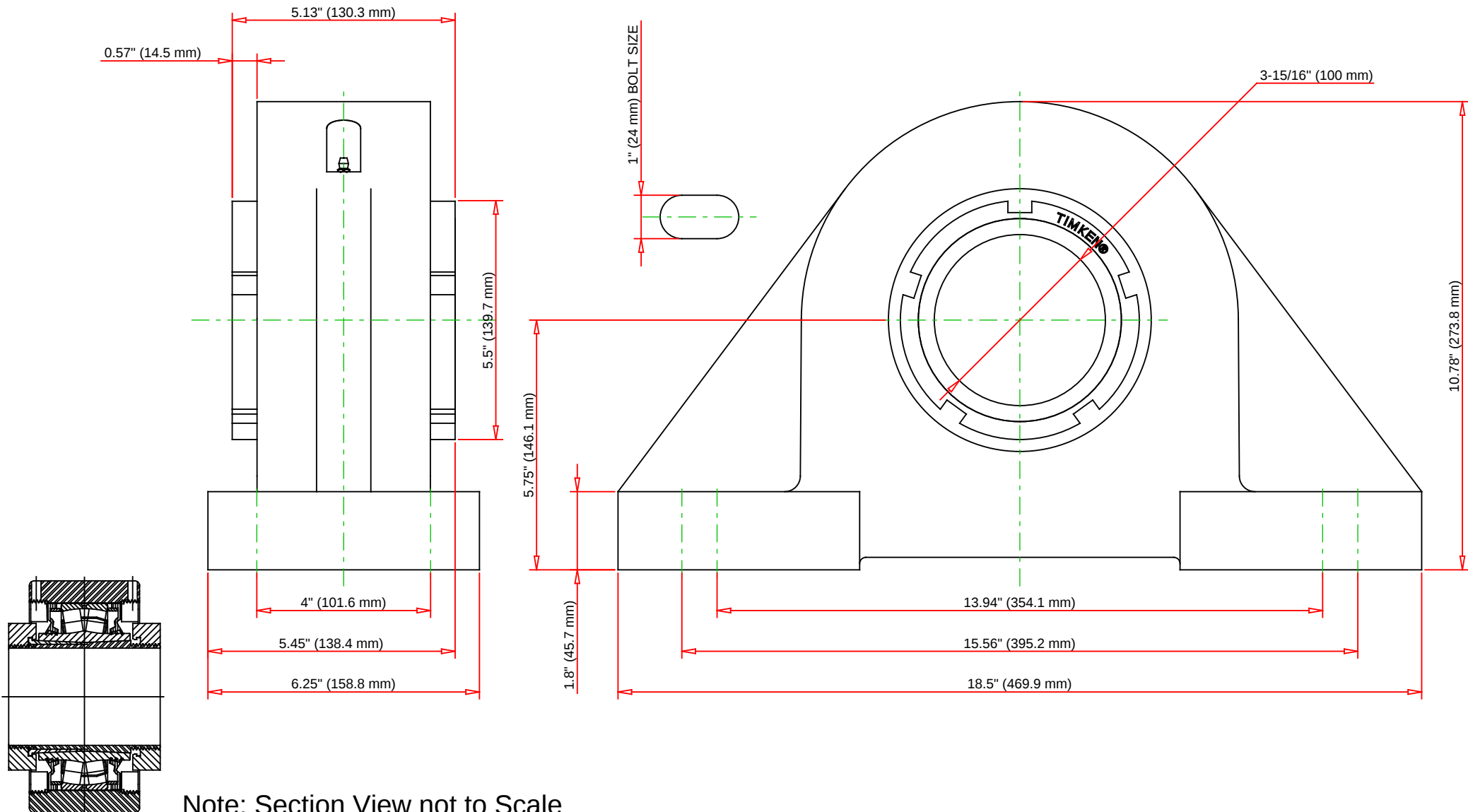
Oil Lubrication - M/N Seal	900 rpm
Oil Lubrication - T Seal	1700 rpm
Oil Lubrication - B/C/O Seal	600 rpm
Grease Lubrication - M/N Seal	900 rpm
Grease Lubrication - T Seal	1200 rpm
Grease Lubrication - B/C/O Seal	600 rpm

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	87	lb	39.5	kg
Max. Speed T-Seals & Grease	1200	rpm		
Rad. Clearance - Max.	0.0067			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVVPK22V315S
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