



The Timken Company

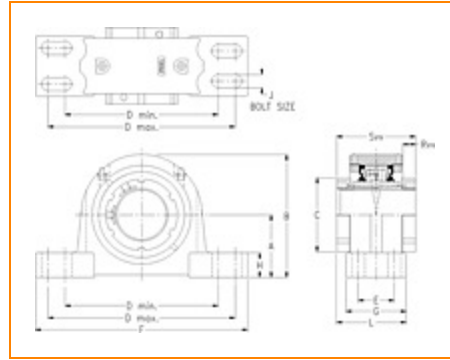
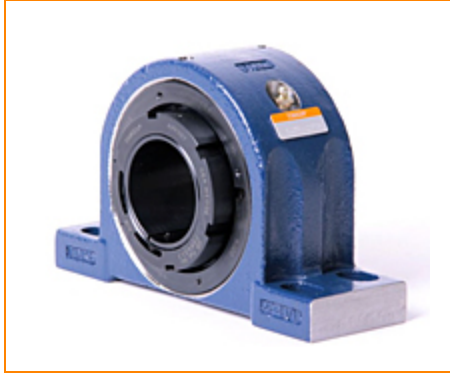
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Part Number QVVPH22V315S, Double V-Lock Four-Bolt Pillow Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22222

Shaft Size 3 15/16 in

Shaft Size Type Imperial

Full Timken Part Number

- QVVPH22V315SB
- QVVPH22V315SC
- QVVPH22V315SEB
- QVVPH22V315SEC
- QVVPH22V315SEM
- QVVPH22V315SEN
- QVVPH22V315SEO
- QVVPH22V315SET
- QVVPH22V315SM
- QVVPH22V315SN
- QVVPH22V315SO
- QVVPH22V315ST
- QVVPH22V315STNG



Locking Style	Double V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450076340
	0883450076357
	0883450209199
	0883450209342
	0883450221627
	0883450221771
	0883450234054
	0883450234207
	0883450242790
	0883450242943
	0883450247757
	0883450247900
	0883450433976

Dimensions

Dimension A	4.94 in 125.5 mm
Dimension B	9.38 in 238.3 mm
Dimension C	5.5 in 139.7 mm
Dimension D Min	11.88 in 301.8 mm
Dimension D Max	14.5 in 368.3 mm
Dimension E	2.75 in 69.9 mm
Dimension F	16 in 406.4 mm
Dimension G	4.75 in 120.7 mm

Dimension H	1.77 in 45 mm
Dimension J (Bolt Size)	0.75 in 20 mm
Dimension L	4.94 in 125.5 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

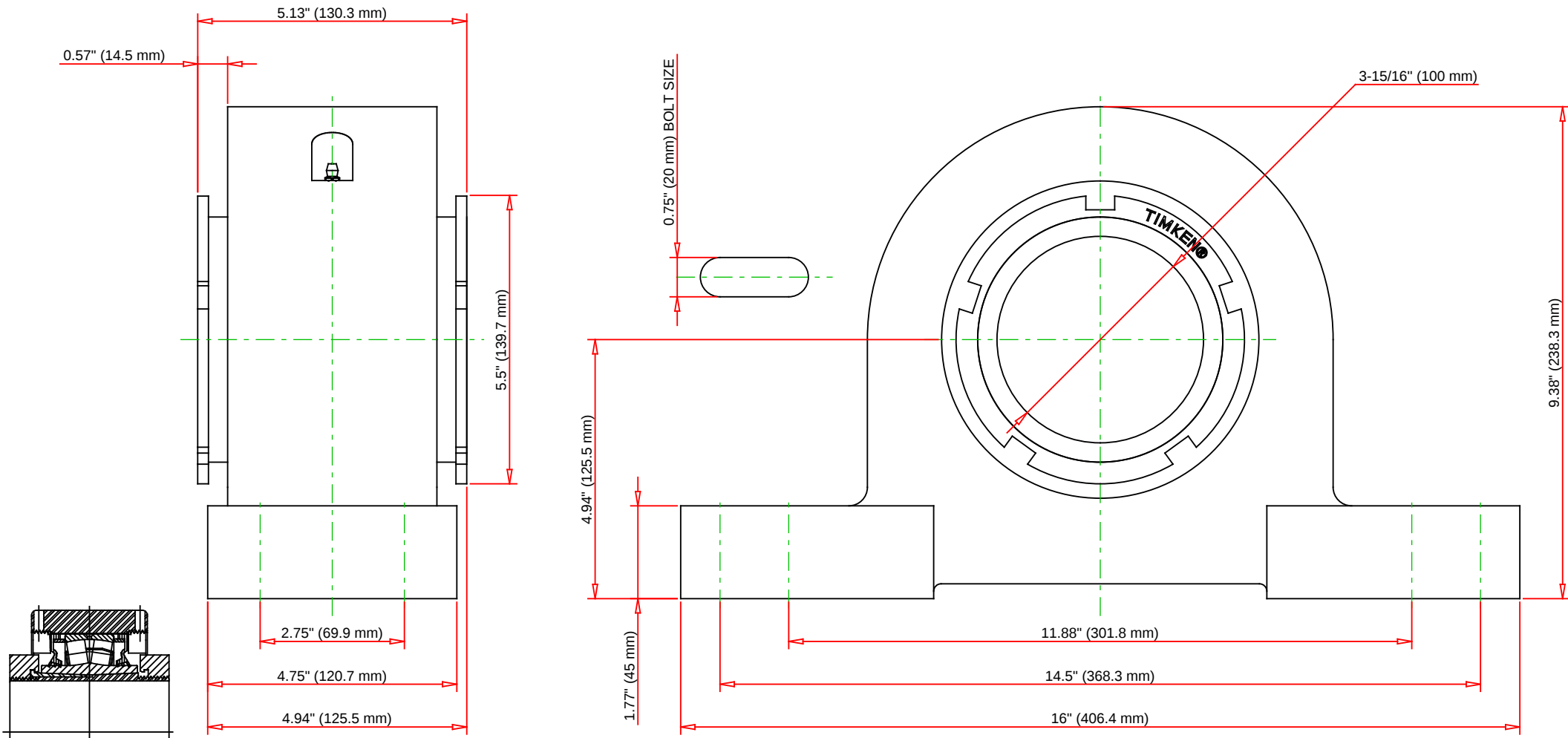
Oil Lubrication - M/N Seal	900 rpm
Oil Lubrication - T Seal	1700 rpm
Oil Lubrication - B/C/O Seal	600 rpm
Grease Lubrication - M/N Seal	900 rpm
Grease Lubrication - T Seal	1200 rpm
Grease Lubrication - B/C/O Seal	600 rpm

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

QVVP22V315S
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