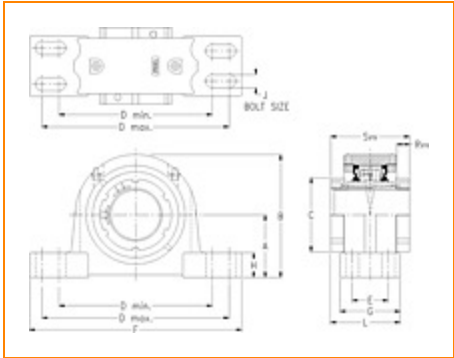
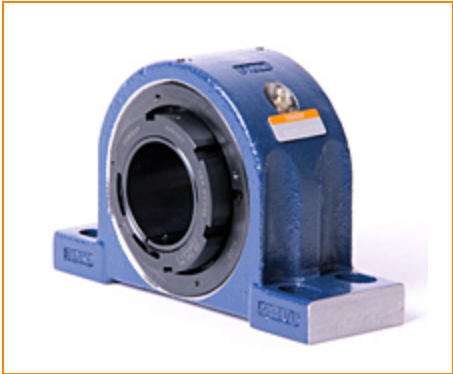




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Part Number QVVPH20V308S, Double V-Lock Four-Bolt Pillow Block



[Specifications](#) | [Dimensions](#) | [Radial and Thrust Factors](#) | [Engineering Seal Speed](#) | [Engineering Bearing Attributes](#) | [Engineering Internal Radial Clearance](#)

Specifications

Engineering Group	Mounted Bearing
Bearing Number	22220
Shaft Size	3 1/2 in
Shaft Size Type	Imperial
Full Timken Part Number	QVVPH20V308SB QVVPH20V308SC QVVPH20V308SEB QVVPH20V308SEC QVVPH20V308SEM QVVPH20V308SEN QVVPH20V308SEO QVVPH20V308SET QVVPH20V308SM QVVPH20V308SN QVVPH20V308SO QVVPH20V308ST



Locking Style	Double V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450076302
	0883450076319
	0883450209175
	0883450209328
	0883450221603
	0883450221757
	0883450234030
	0883450234184
	0883450242776
	0883450242929
	0883450247733
	0883450247887

Dimensions

Dimension A	4-1/2 in 114.3 mm
Dimension B	8.54 in 216.9 mm
Dimension C	4.9 in 124.5 mm
Dimension D Min	10.88 in 276.4 mm
Dimension D Max	13.38 in 339.9 mm
Dimension E	2.38 in 60.5 mm
Dimension F	15 in 381 mm
Dimension G	4.31 in 109.5 mm

Dimension H	1.65 in 41.9 mm
Dimension J (Bolt Size)	0.75 in 20 mm
Dimension L	4.47 in 113.5 mm
Dimension RVV	0.44 in 11.2 mm
Dimension SVV	4.63 in 117.6 mm

Radial and Thrust Factors

C0 - Static Load	113000 lbf 502000 N
C - Dynamic Load (Basic)	97700 lbf 435000 N
e - Geometry Factor	0.24
Y1 - Geometry Factor	2.85
Y2 - Geometry Factor	4.24

Engineering Seal Speed

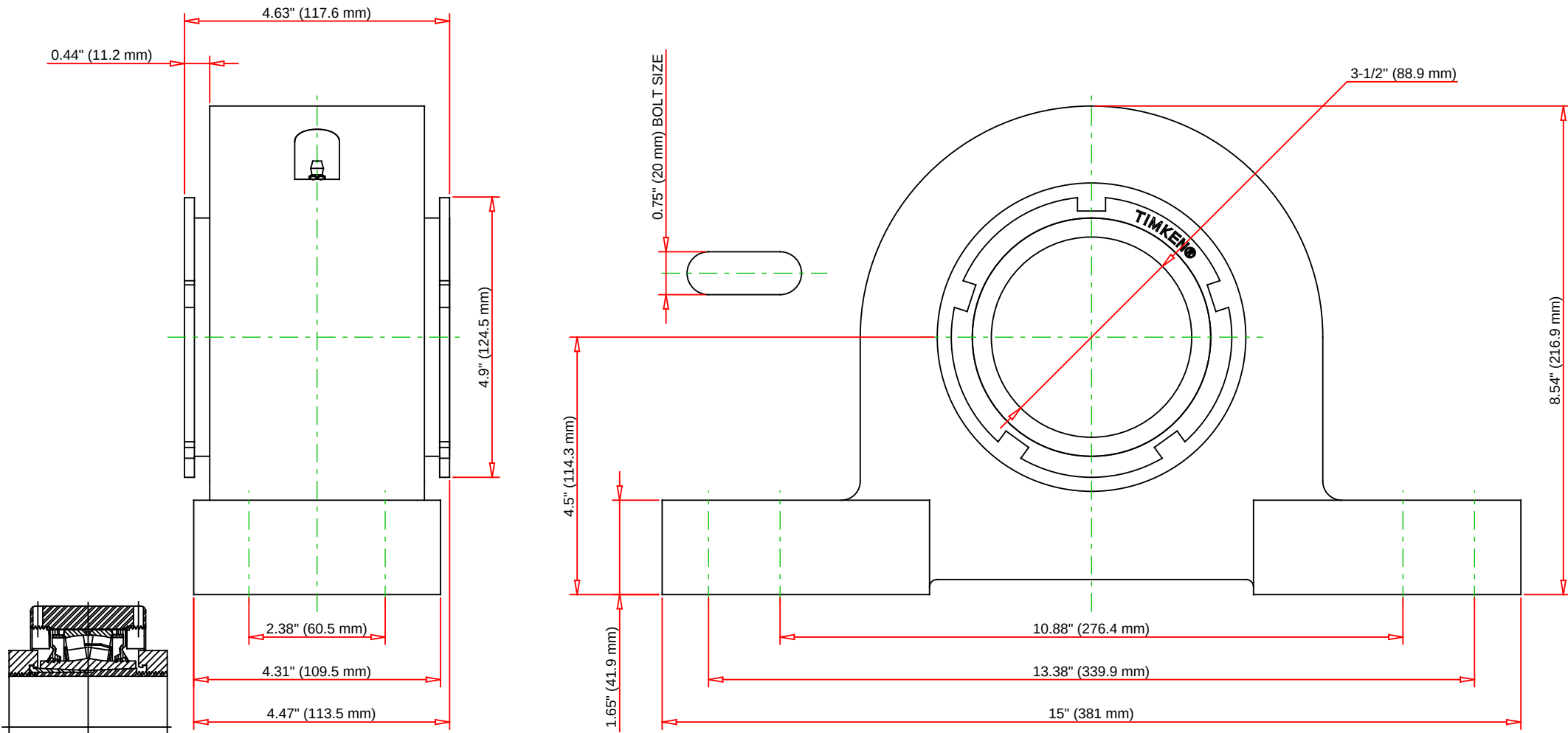
Oil Lubrication - M/N Seal	1200 rpm
Oil Lubrication - T Seal	2000 rpm
Oil Lubrication - B/C/O Seal	900 rpm
Grease Lubrication - M/N Seal	1200 rpm
Grease Lubrication - T Seal	1600 rpm
Grease Lubrication - B/C/O Seal	900 rpm

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	0.0043
Eng Internal Radial Clearance - Max	0.0055
Pre Install Clearance Min	0.0043 in 0.109 mm
Pre Install Clearance Max	0.0055 in 0.140 mm



Note: Section View not to Scale

C - Dynamic Load	97700	lbf	435000	N
C0 - Static Load	113000	lbf	502000	N
Weight	70	lb	31.8	kg
Max. Speed T-Seals & Grease	1600	rpm		
Rad. Clearance - Max.	0.0055			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVVPH20V308S
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