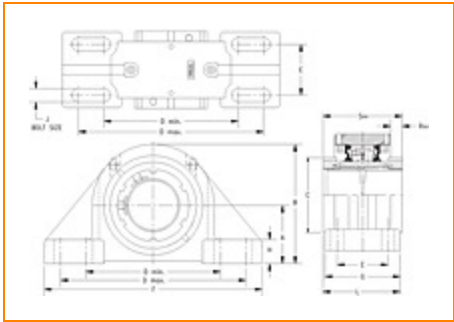
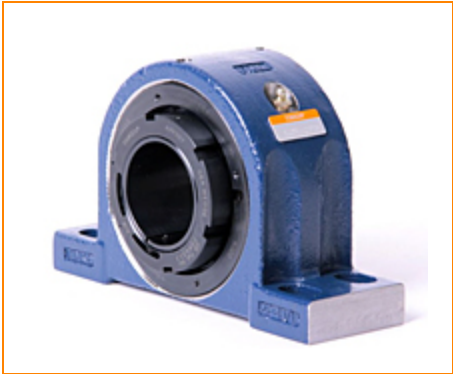




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Part Number QVVPK20V308S, Double V-Lock Four-Bolt Pillow Block



[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	QVVPK20V308SB QVVPK20V308SC QVVPK20V308SEB QVVPK20V308SEC QVVPK20V308SEM QVVPK20V308SEN QVVPK20V308SEO QVVPK20V308SET QVVPK20V308SM QVVPK20V308SN QVVPK20V308SO QVVPK20V308ST



Locking Style	Double V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450077149
	0883450077217
	0883450209557
	0883450209700
	0883450221986
	0883450222136
	0883450234474
	0883450234627
	0883450243155
	0883450243308
	0883450248112
	0883450248266

Dimensions

Dimension A	5 in 127 mm
Dimension B	9.44 in 239.8 mm
Dimension C	4.9 in 124.5 mm
Dimension D Min	12.5 in 317.5 mm
Dimension D Max	14 in 355.6 mm
Dimension E	3.5 in 88.9 mm
Dimension F	16.75 in 425.5 mm
Dimension G	5.5 in 139.7 mm

Dimension H	1.63 in 41.4 mm
Dimension J (Bolt Size)	0.875 in 24 mm
Dimension L	5.07 in 128.8 mm
Dimension RVV	0.35 in 8.9 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

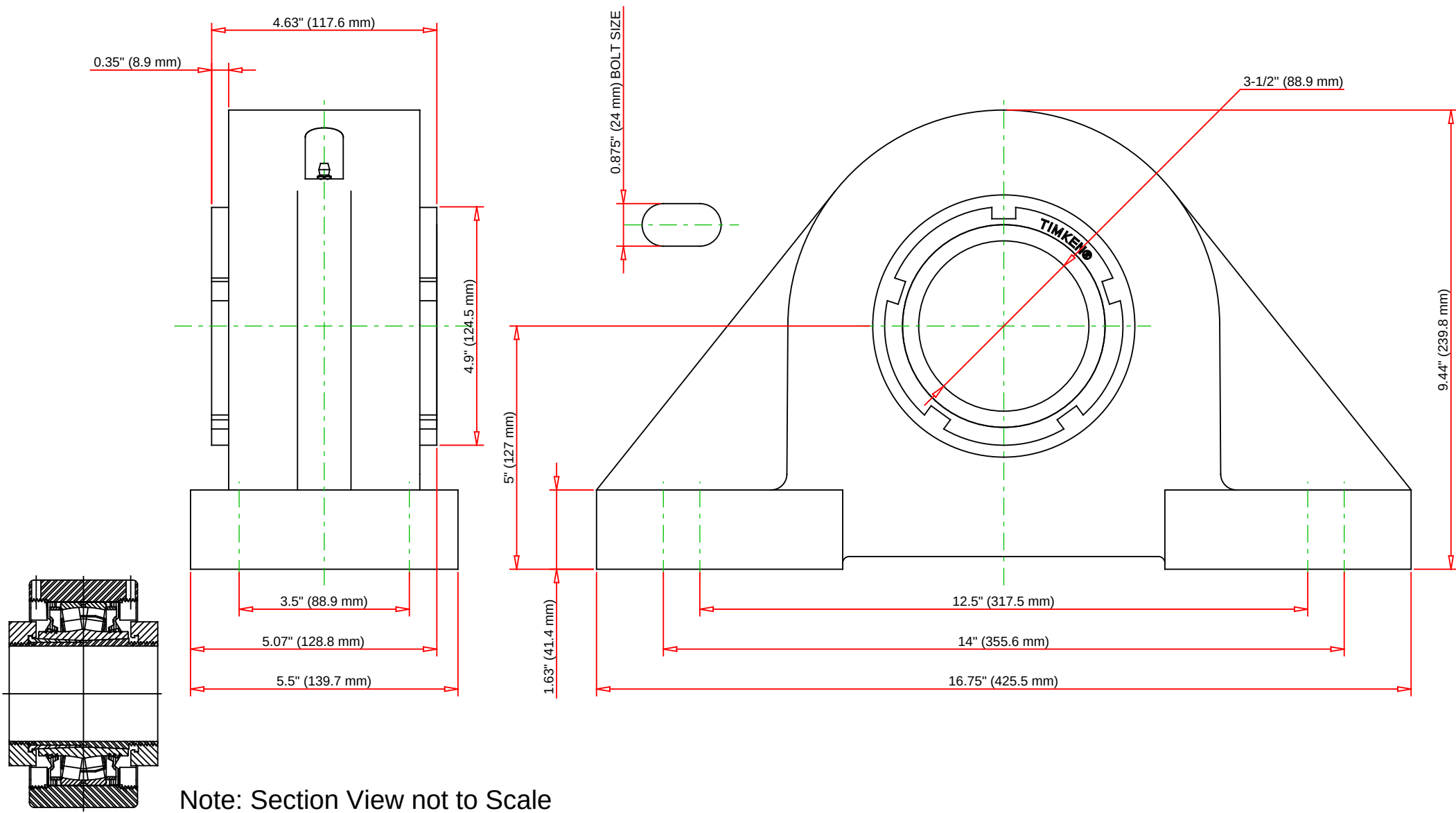
Oil Lubrication - M/N Seal	1200 rpm
Oil Lubrication - T Seal	2000 rpm
Oil Lubrication - B/C/O Seal	900 rpm
Grease Lubrication - M/N Seal	1200 rpm
Grease Lubrication - T Seal	1600 rpm
Grease Lubrication - B/C/O Seal	900 rpm

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

QVVPK20V308S
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