

Locking Style	Single V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450053273 0883450053341 0883450206679 0883450206822 0883450219105 0883450219259 0883450231527 0883450231671 0883450240260 0883450240413 0883450245227 0883450245371

Dimensions

Dimension A	3-3/4 in 95.3 mm
Dimension B	7.2 in 182.9 mm
Dimension C	4.19 in 106.4 mm
Dimension D Min	9.44 in 239.8 mm
Dimension D Max	11.31 in 287.3 mm
Dimension E	2.13 in 54.1 mm
Dimension F	12.63 in 320.8 mm
Dimension G	3.63 in 92.2 mm

Dimension H	1.26 in 32 mm
Dimension J (Bolt Size)	0.625 in 16 mm
Dimension L	3.91 in 99.3 mm
Dimension RV	0.24 in 6.1 mm
Dimension SV	3.33 in 84.6 mm

Radial and Thrust Factors

C0 - Static Load	71900 lbf 320000 N
C - Dynamic Load (Basic)	66900 lbf 297000 N
e - Geometry Factor	0.22
Y1 - Geometry Factor	3.07
Y2 - Geometry Factor	4.57

Engineering Seal Speed

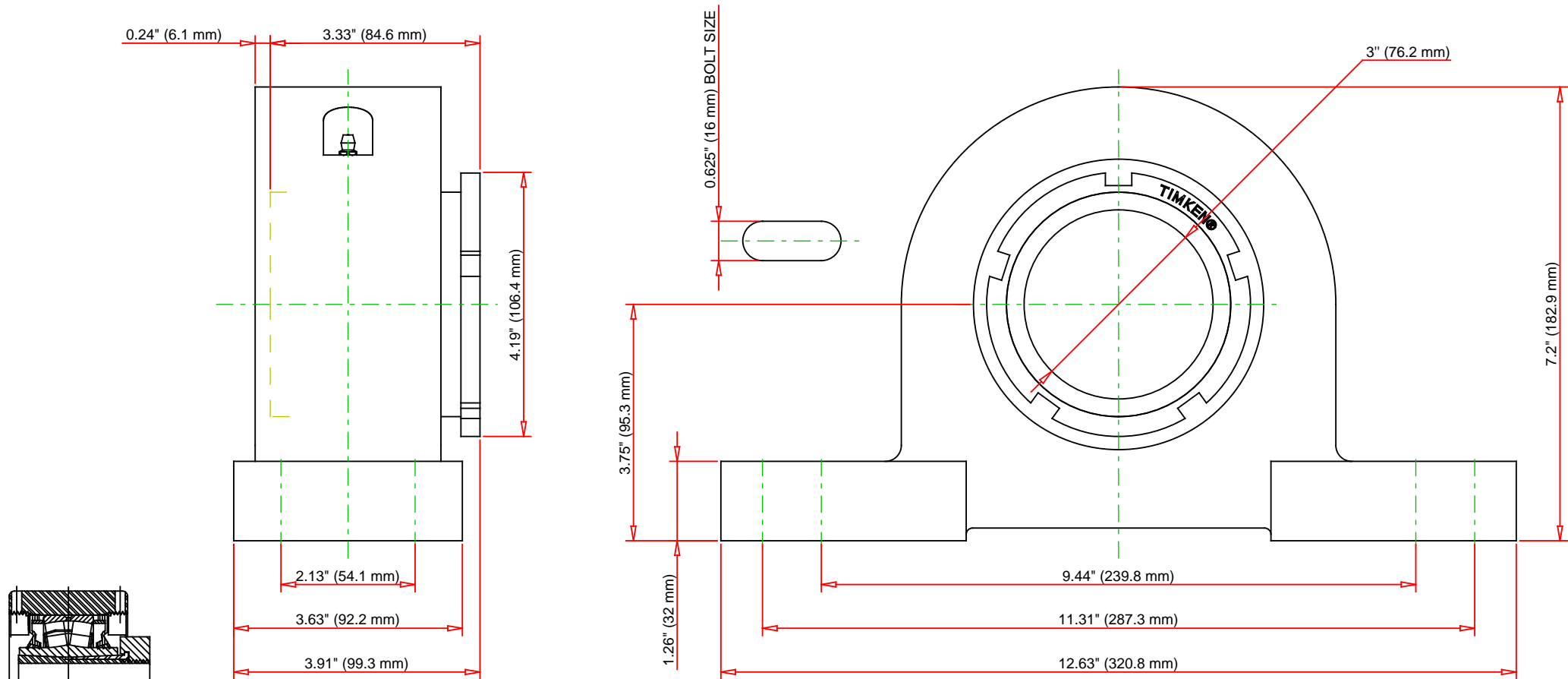
Oil Lubrication - M/N Seal	1400 rpm
Oil Lubrication - T Seal	2400 rpm
Oil Lubrication - B/C/O Seal	1100 rpm
Grease Lubrication - M/N Seal	1400 rpm
Grease Lubrication - T Seal	2000 rpm
Grease Lubrication - B/C/O Seal	1100 rpm

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
Shaft Tolerance	0.0020 in 0.051 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0037
Eng Internal Radial Clearance - Max	0.0047
Pre Install Clearance Min	0.0037 in 0.095 mm
Pre Install Clearance Max	0.0047 in 0.120 mm



Note: Section View not to Scale

C - Dynamic Load	66900	lbf	297000	N
C0 - Static Load	71900	lbf	320000	N
Weight	37	lb	16.8	kg
Max. Speed T-Seals & Grease	2000	rpm		
Rad. Clearance - Max.	0.0047			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVPH17V300S
Single V-Lock Four-Bolt Pillow Block

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