

Locking Style	Single V-Lock
Housing Construction	Four-Bolt Pillow Block
UPC Code	0883450051491 0883450206433 0883450206587 0883450218863 0883450219013 0883450231282 0883450231435 0883450240024 0883450240178 0883450244985 0883450245135 0883450296946

Dimensions

Dimension A	4.92 in 125 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	16.13 in 409.7 mm
Dimension G	4.75 in 120.7 mm

Dimension H	1.75 in 44.5 mm
Dimension J (Bolt Size)	0.75 in 20 mm
Dimension L	4.94 in 125.5 mm
Dimension RV	0.39 in 9.9 mm
Dimension SV	4.13 in 104.9 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
------------------------	-----------------------

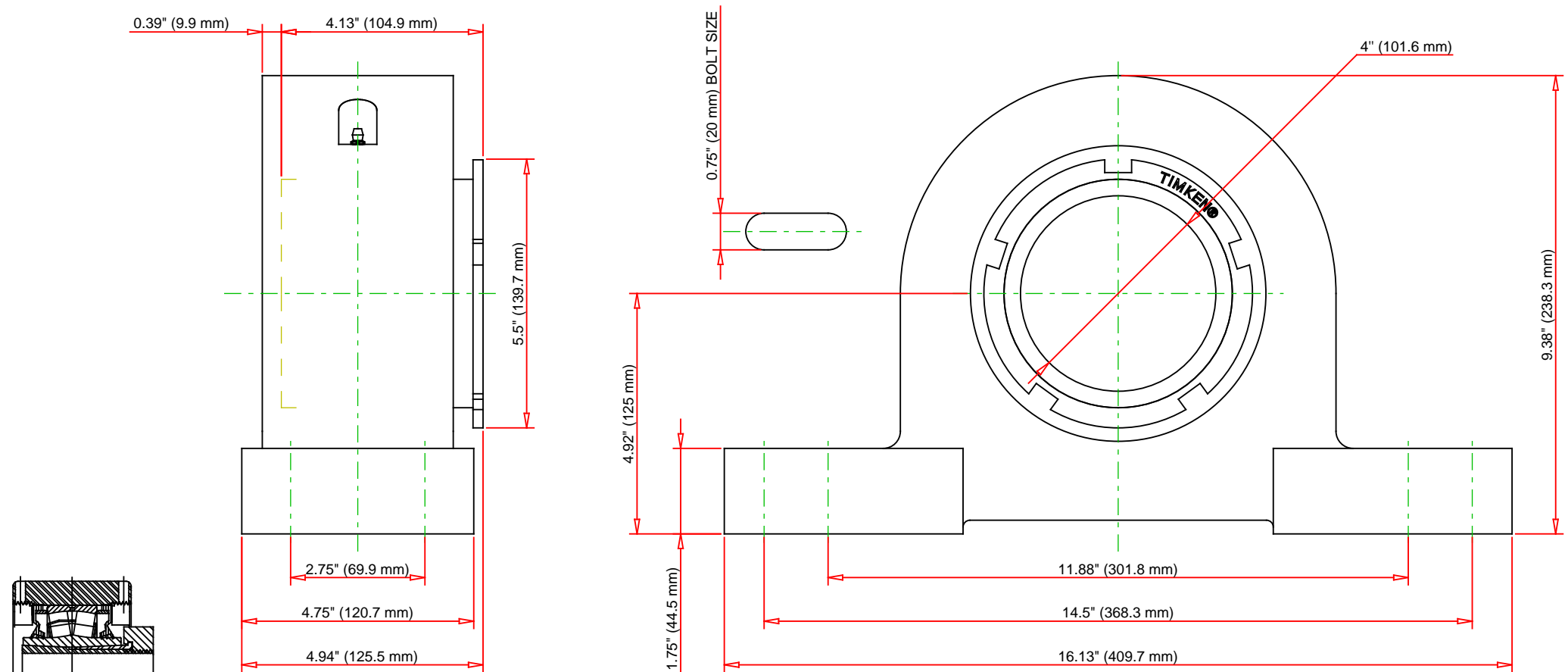
Engineering Internal Radial Clearance

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

QVPG22V400S
Single 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