

QVPH22V315ST
 QVPH22V315STHT
 QVPH22V315STNG

Locking Style

Single V-Lock

Housing Construction

Four-Bolt Pillow Block

UPC Code

0883450053709
 0883450053716
 0883450206723
 0883450206877
 0883450219150
 0883450219303
 0883450231572
 0883450231725
 0883450240314
 0883450240468
 0883450245272
 0883450245425
 0883450494724
 0883450499811
 0883450955980
 0883450955997

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 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
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Grease Lubrication - T Seal	1200 rpm
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Grease Lubrication - B/C/O Seal	600 rpm
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Engineering Bearing Attributes

Float	0.083 in 2.108 mm
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Shaft Tolerance	0.0030 in 0.076 mm
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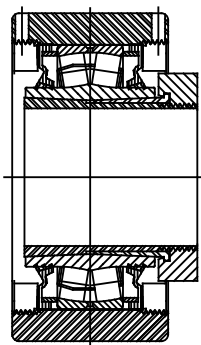
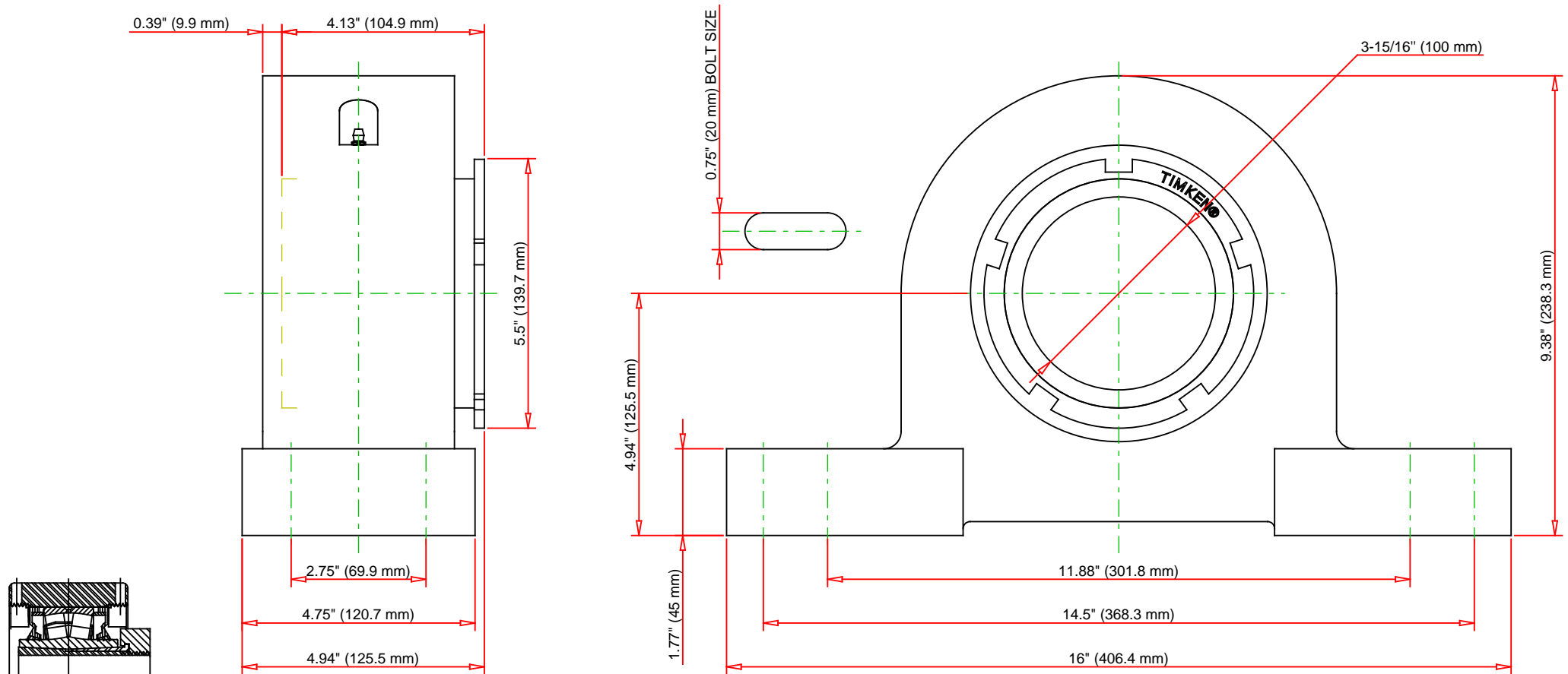
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0053
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Eng Internal Radial Clearance - Max	0.0067
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Pre Install Clearance Min	0.0053 in 0.135 mm
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Pre Install Clearance Max	0.0067 in 0.170 mm
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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

QVPH22V315S
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.

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