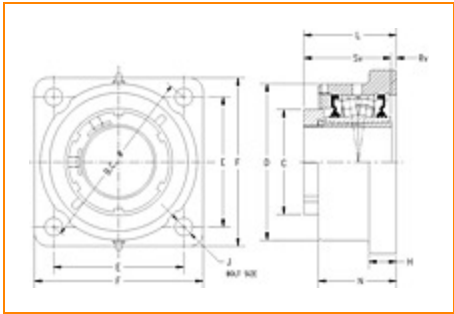




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Part Number QVF11V115S, Single V-Lock Four-Bolt Square Flange Block



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

Specifications

Engineering Group	Mounted Bearing
Bearing Number	22211
Shaft Size	1 15/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QVF11V115SB QVF11V115SC QVF11V115SEB QVF11V115SEC QVF11V115SEM QVF11V115SEN QVF11V115SEO QVF11V115SET QVF11V115SM QVF11V115SN QVF11V115SO



	QVF11V115ST
Locking Style	Single V-Lock
Housing Construction	Four-Bolt Square Flange
UPC Code	0883450091589
	0883450091718
	0883450104562
	0883450104692
	0883450110181
	0883450110372
	0883450120494
	0883450120623
	0883450134323
	0883450134507
	0883450140782
	0883450141062

Dimensions

Dimension BC	6.18 in 157 mm
Dimension C	2.99 in 75.9 mm
Dimension D	4.75 in 120.7 mm
Dimension L	3.31 in 84.1 mm
Dimension E	4.38 in 111.3 mm
Dimension F	5.5000 in 139.700 mm
Dimension H	0.88 in 22.4 mm
Dimension J (Bolt Size)	0.5 in 12 mm

Dimension L Exp	3.39 in 86.1 mm
Dimension L Fix	3.31 in 84.1 mm
Dimension N	2.56 in 65 mm
Dimension RV	0.16 in 4.1 mm
Dimension SV	3.14 in 79.8 mm

Radial and Thrust Factors

C0 - Static Load	31900 lbf 142000 N
C - Dynamic Load (Basic)	31400 lbf 140000 N
e - Geometry Factor	0.25
Y1 - Geometry Factor	2.74
Y2 - Geometry Factor	4.08

Engineering Seal Speed

Oil Lubrication - M/N Seal	2200 rpm
Oil Lubrication - T Seal	3800 rpm
Oil Lubrication - B/C/O Seal	1800 rpm
Grease Lubrication - M/N Seal	2200 rpm
Grease Lubrication - T Seal	3200 rpm
Grease Lubrication - B/C/O Seal	1600 rpm

Engineering Bearing Attributes

Float

0.050 in
1.270 mm

Shaft Tolerance

0.0015 in
0.038 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance -
Min

0.0030

Eng Internal Radial Clearance -
Max

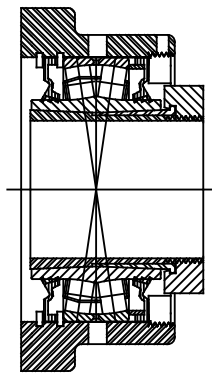
0.0037

Pre Install Clearance Min

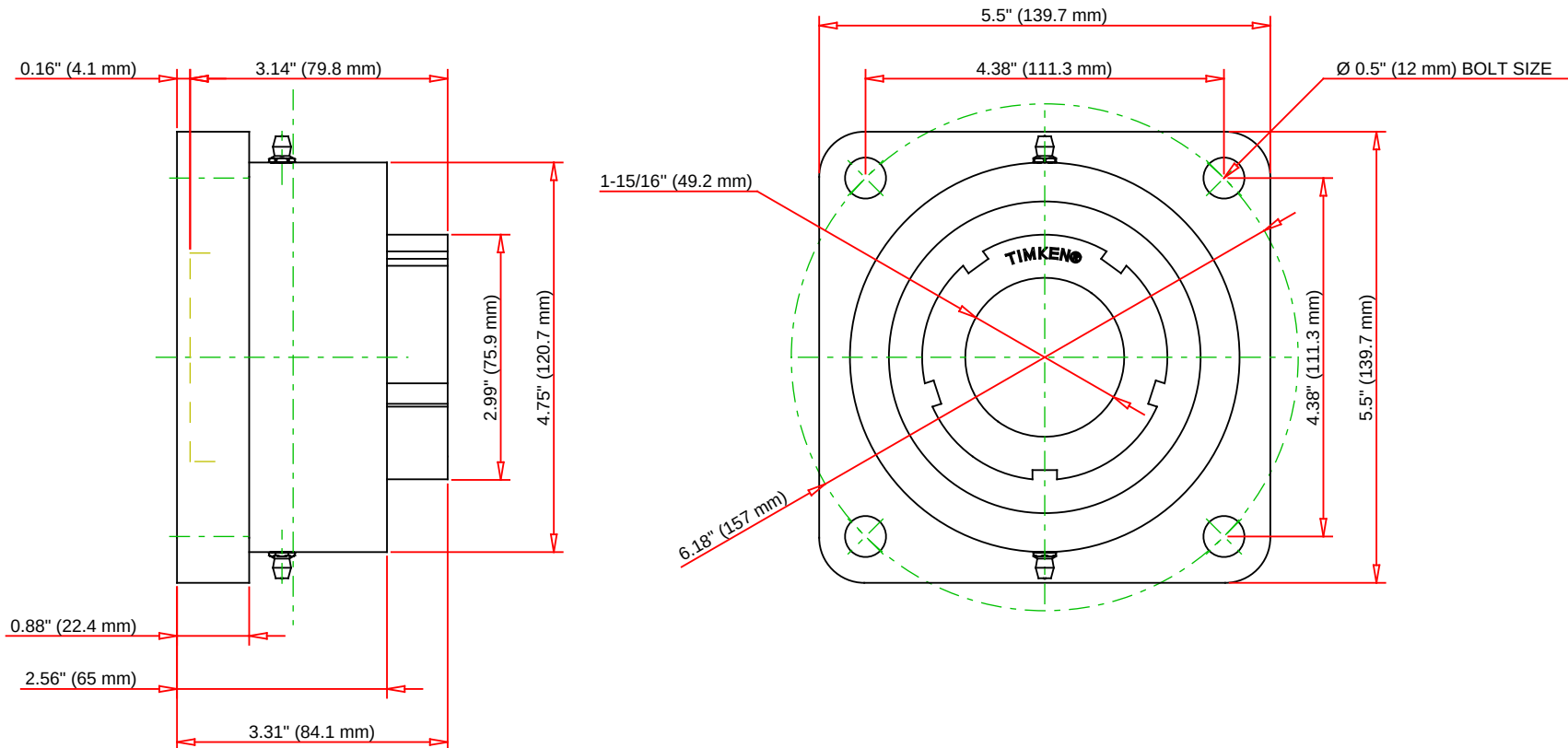
0.0030 in
0.075 mm

Pre Install Clearance Max

0.0037 in
0.094 mm



Note: Section View not to Scale



C - Dynamic Load	31400	lbf	140000	N
C0 - Static Load	31900	lbf	142000	N
Weight	11	lb	5	kg
Max. Speed T-Seals & Grease	3200	rpm		
Rad. Clearance - Max.	0.0037			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVF11V115S

Single V-Lock Four-Bolt Square
Flange 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