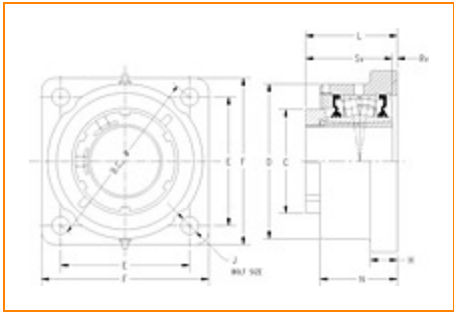




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Part Number QVFL16V211S, Single V-Lock Four-Bolt Square Flange Block



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

Specifications	
Engineering Group	Mounted Bearing
Bearing Number	22216
Shaft Size	2 11/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QVFL16V211SB QVFL16V211SC QVFL16V211SEB QVFL16V211SEC QVFL16V211SEM QVFL16V211SEN QVFL16V211SEO QVFL16V211SET QVFL16V211SM QVFL16V211SN QVFL16V211SO



	QVFL16V211ST
Locking Style	Single V-Lock
Housing Construction	Four-Bolt Square Flange
UPC Code	0883450042031
	0883450042093
	0883450108553
	0883450108591
	0883450180269
	0883450211475
	0883450211857
	0883450223898
	0883450224277
	0883450236317
	0883450236690
	0883450296236

Dimensions

Dimension BC	7.88 in 200.2 mm
Dimension C	4.19 in 106.4 mm
Dimension D	6.63 in 168.4 mm
Dimension L	3.42 in 86.9 mm
Dimension E	5.56 in 141.2 mm
Dimension F	7.19 in 182.6 mm
Dimension H	1.06 in 26.9 mm
Dimension J (Bolt Size)	0.75 in 20 mm

Dimension L Exp	3.5 in 88.9 mm
Dimension L Fix	3.42 in 86.9 mm
Dimension N	2.93 in 74.4 mm
Dimension RV	0.13 in 3.3 mm
Dimension SV	3.29 in 83.6 mm

Radial and Thrust Factors

C0 - Static Load	62500 lbf 278000 N
C - Dynamic Load (Basic)	57200 lbf 254000 N
e - Geometry Factor	0.22
Y1 - Geometry Factor	3.01
Y2 - Geometry Factor	4.48

Engineering Seal Speed

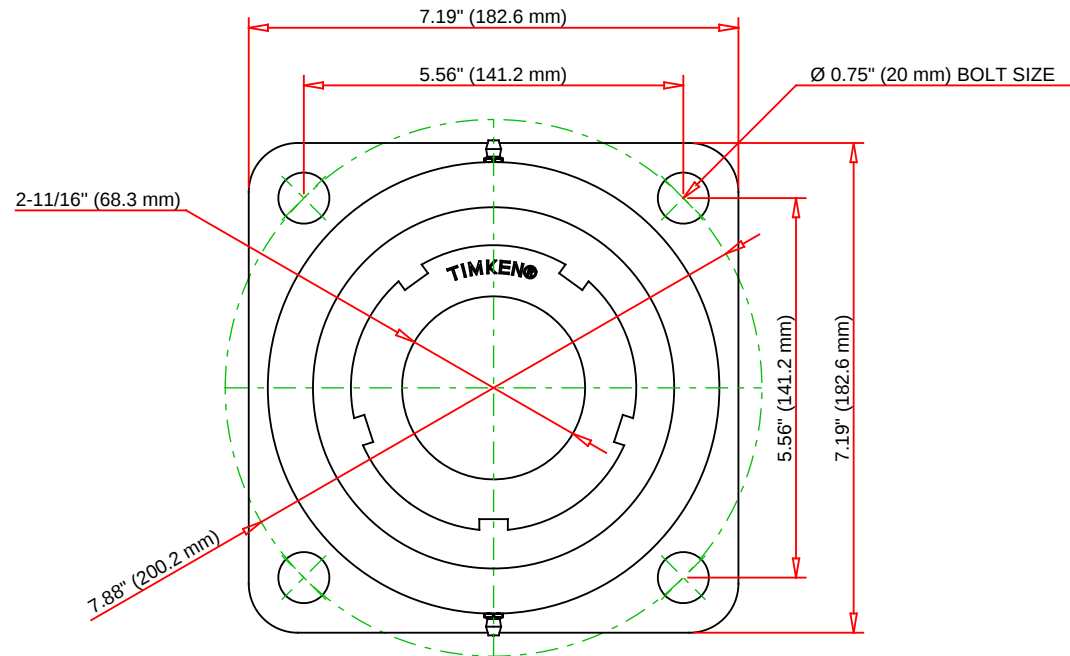
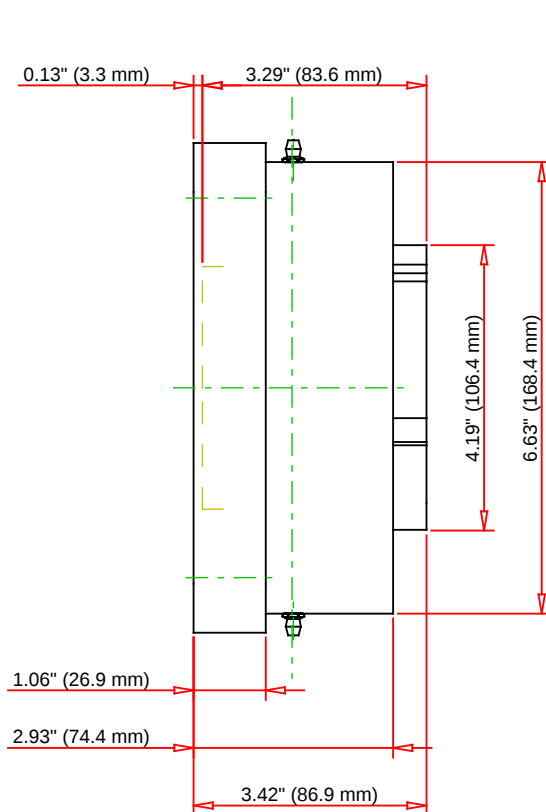
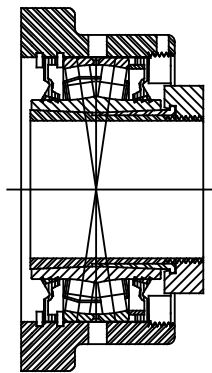
Oil Lubrication - M/N Seal	1500 rpm
Oil Lubrication - T Seal	2650 rpm
Oil Lubrication - B/C/O Seal	1200 rpm
Grease Lubrication - M/N Seal	1500 rpm
Grease Lubrication - T Seal	2200 rpm
Grease Lubrication - B/C/O Seal	1150 rpm

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	57200	lbf	254000	N
C0 - Static Load	62500	lbf	278000	N
Weight	23	lb	10.4	kg
Max. Speed T-Seals & Grease	2200	rpm		
Rad. Clearance - Max.	0.0047			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVFL16V211S

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