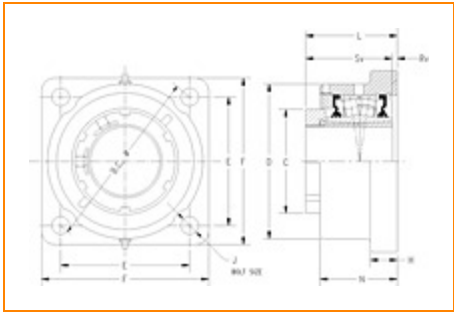




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Part Number QVFL16V215S, Single V-Lock Four-Bolt Square Flange Block



[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 15/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QVFL16V215SB QVFL16V215SC QVFL16V215SEB QVFL16V215SEC QVFL16V215SEM QVFL16V215SEN QVFL16V215SEO QVFL16V215SET QVFL16V215SM QVFL16V215SN QVFL16V215SO



	QVFL16V215ST
Locking Style	Single V-Lock
Housing Construction	Four-Bolt Square Flange
UPC Code	0883450042192
	0883450042222
	0883450108676
	0883450108713
	0883450180290
	0883450211505
	0883450211888
	0883450223928
	0883450224307
	0883450236348
	0883450236720
	0883450296250

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
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Dimension L Fix	3.42 in 86.9 mm
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Dimension N	2.93 in 74.4 mm
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Dimension RV	0.13 in 3.3 mm
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Dimension SV	3.29 in 83.6 mm
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Radial and Thrust Factors

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

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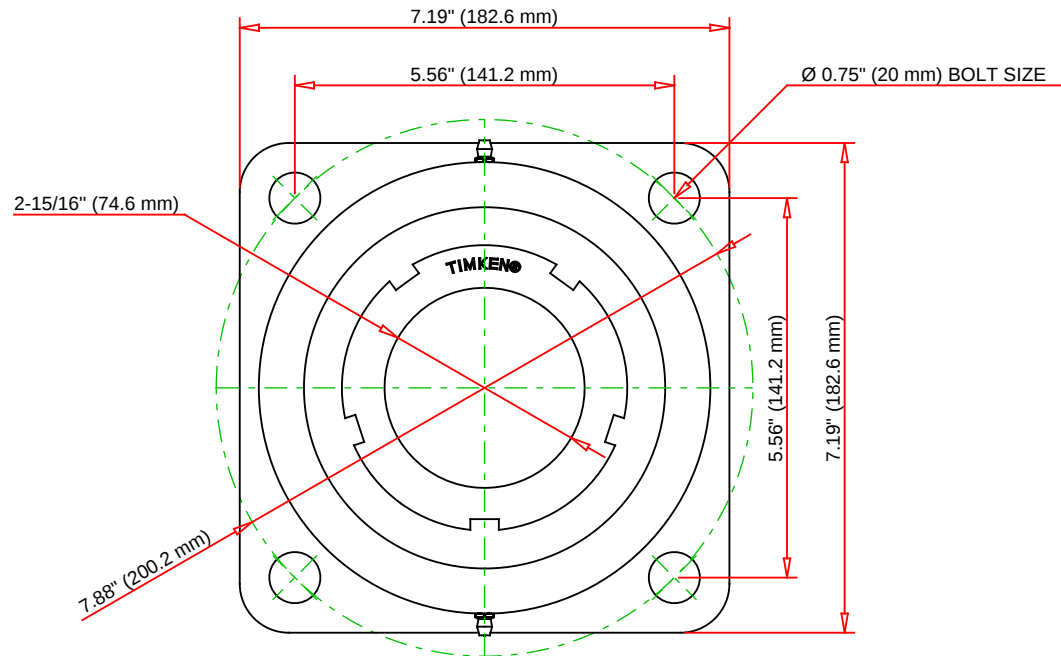
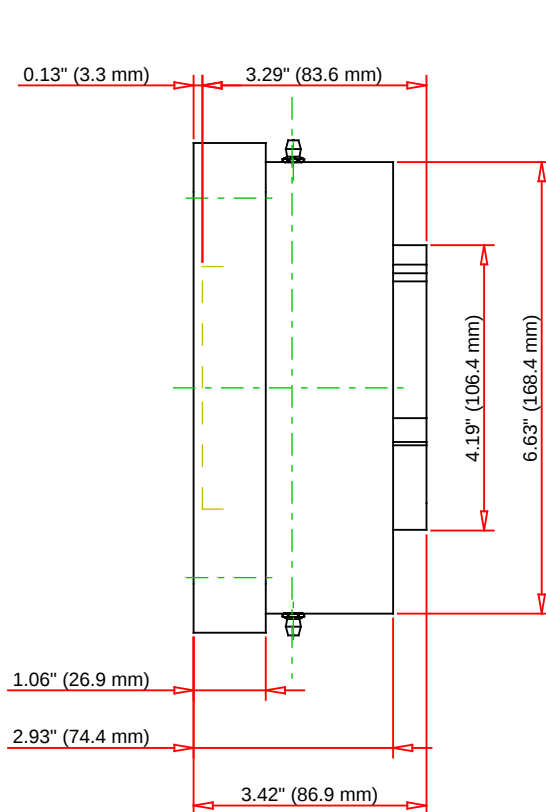
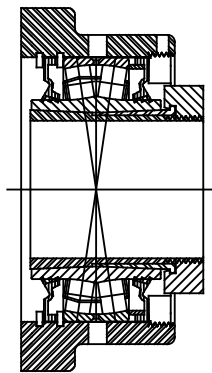
Grease Lubrication - B/C/O Seal	1150 rpm
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Engineering Bearing Attributes

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

QVFL16V215S

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