



The Timken Company

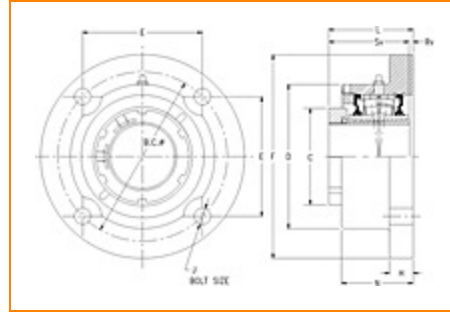
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Part Number QVFY16V215S, Single V-Lock Round Flange Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22216

Shaft Size 2 15/16 in

Shaft Size Type Imperial

Full Timken Part Number

- QVFY16V215SB
- QVFY16V215SC
- QVFY16V215SEB
- QVFY16V215SEC
- QVFY16V215SEM
- QVFY16V215SEN
- QVFY16V215SEO
- QVFY16V215SET
- QVFY16V215SM
- QVFY16V215SN
- QVFY16V215SO
- QVFY16V215ST



Locking Style	Single V-Lock
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Housing Construction	Round Flange
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UPC Code	0883450044721
	0883450044790
	0883450109819
	0883450109857
	0883450182195
	0883450212267
	0883450212649
	0883450224680
	0883450225069
	0883450237109
0883450237482	
0883450296441	

Dimensions

Dimension BC	7.88 in 200.2 mm
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Dimension C	4.19 in 106.4 mm
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Dimension D	6.63 in 168.4 mm
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Dimension E	5.56 in 141.2 mm
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Dimension F	9.5000 in 241.300 mm
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Dimension H	0.94 in 23.9 mm
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Dimension J (Bolt Size)	0.75 in 20 mm
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Dimension L Exp	3.56 in 90.4 mm
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Dimension L Fix	3.48 in 88.4 mm
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Dimension N	3 in 76.2 mm
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Dimension RV	0.19 in 4.8 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	3.14
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Y2 - Geometry Factor	4.67
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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
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Shaft Tolerance	0.0020 in 0.051 mm
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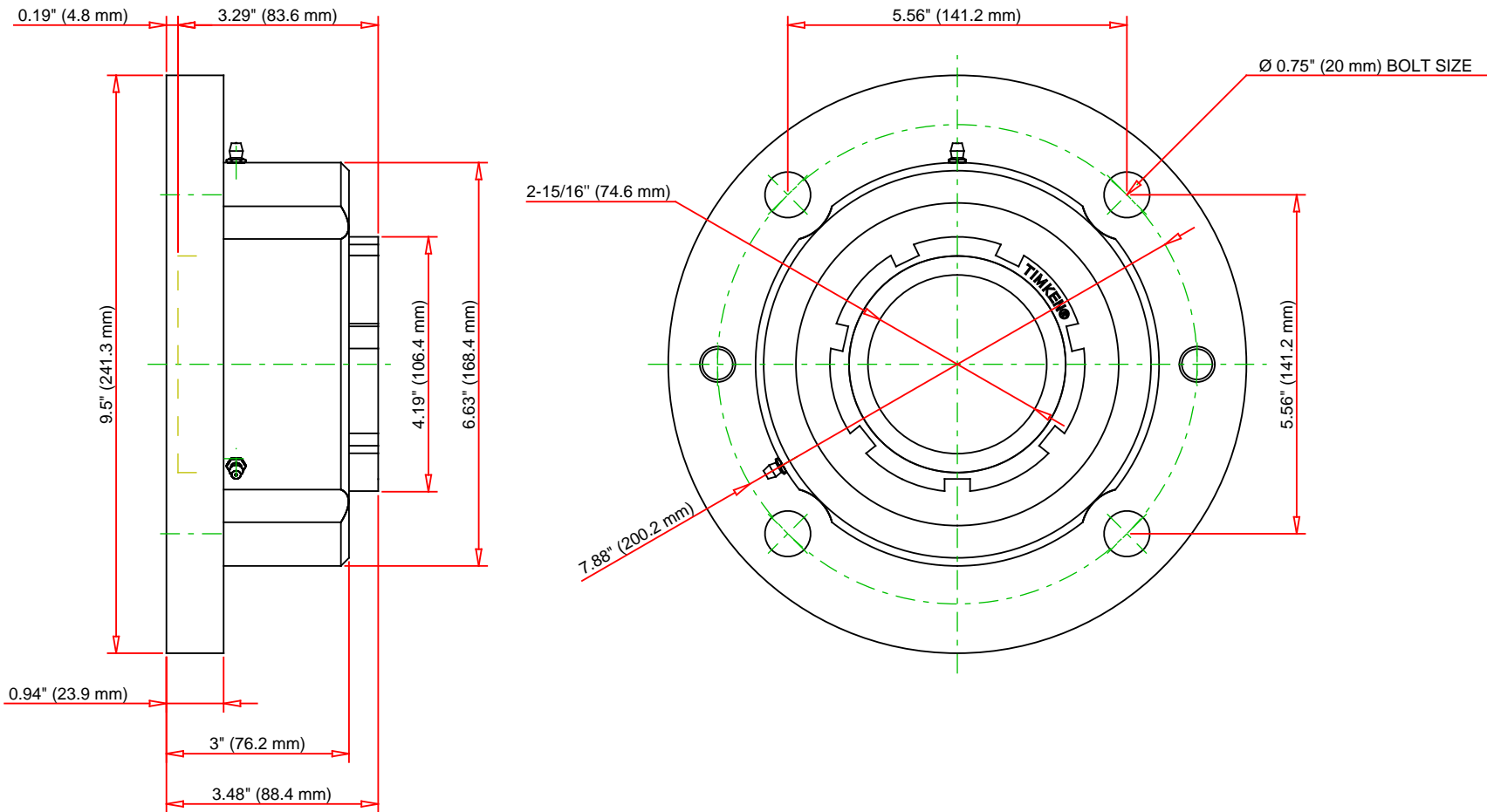
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0043
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Eng Internal Radial Clearance - Max	0.0055
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Pre Install Clearance Min	0.0037 in 0.095 mm
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Pre Install Clearance Max	0.0047 in 0.120 mm
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Note: Section View not to Scale

C - Dynamic Load	57200	lbf	254000	N
C0 - Static Load	62500	lbf	278000	N
Weight	28	lb	12.7	kg
Max. Speed T-Seals & Grease	2200	rpm		
Rad. Clearance - Max.	0.0055			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QVFY16V215S
Single V-Lock Round 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