



The Timken Company

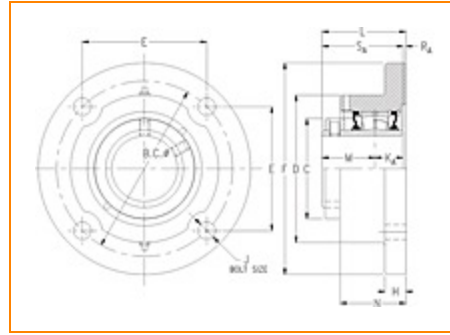
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Part Number QAFY15A215S, Single Concentric Round Flange Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22215

Shaft Size 2 15/16 in

Shaft Size Type Imperial

Full Timken Part Number

- QAFY15A215SB
- QAFY15A215SC
- QAFY15A215SEB
- QAFY15A215SEC
- QAFY15A215SEM
- QAFY15A215SEN
- QAFY15A215SEO
- QAFY15A215SET
- QAFY15A215SM
- QAFY15A215SN
- QAFY15A215SO
- QAFY15A215ST



Locking Style	Single Concentric
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Housing Construction	Round Flange
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UPC Code	0883450041904
	0883450041911
	0883450041942
	0883450041959
	0883450041966
	0883450041973
	0883450041980
	0883450192002
	0883450192163
	0883450192323
0883450269360	
0883450269520	

Dimensions

Dimension BC	7.88 in 200.2 mm
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Dimension C	4.5 in 114.3 mm
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Dimension D	6.63 in 168.4 mm
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Dimension E	5.57 in 141.5 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 KA	1.25 in 31.8 mm
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Dimension L Exp	3.95 in 100.3 mm
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Dimension L Fix	3.87 in 98.3 mm
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Dimension M	2.37 in 60.2 mm
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Dimension N	2.93 in 74.4 mm
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Dimension RA	0.25 in 6.4 mm
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Dimension SA	3.62 in 91.9 mm
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Radial and Thrust Factors

C0 - Static Load	54100 lbf 240000 N
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C - Dynamic Load (Basic)	49900 lbf 222000 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	1600 rpm
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Oil Lubrication - T Seal	2900 rpm
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Oil Lubrication - B/C/O Seal	1300 rpm
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Grease Lubrication - M/N Seal	1600 rpm
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Grease Lubrication - T Seal	2400 rpm
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Grease Lubrication - B/C/O Seal	1300 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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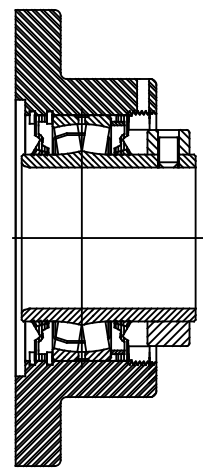
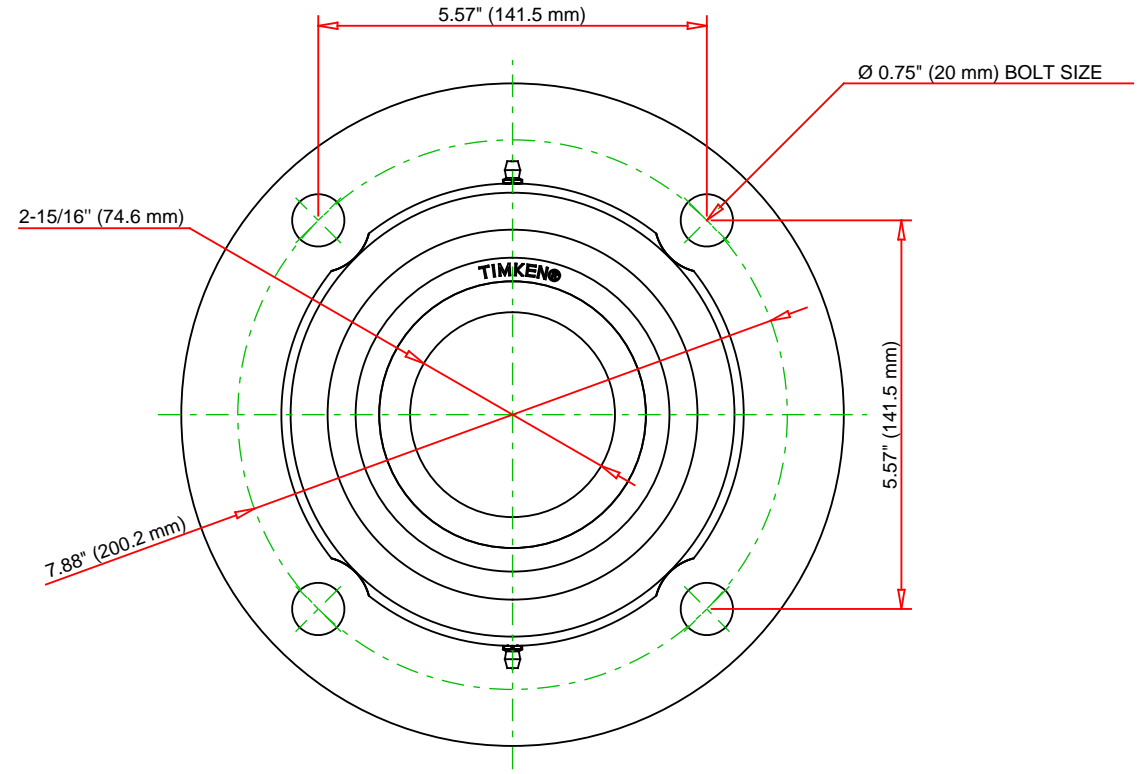
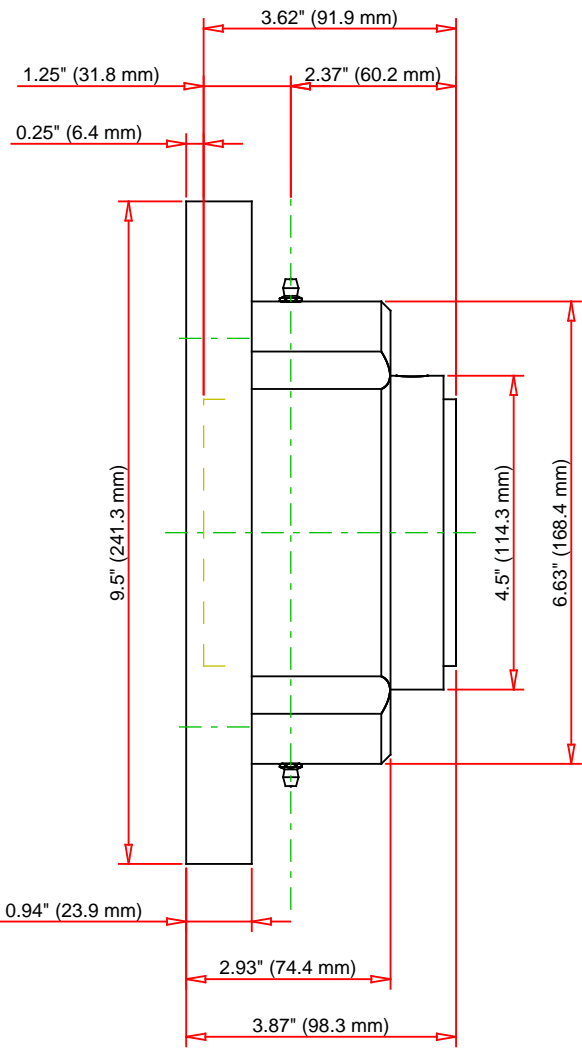
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0020
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Eng Internal Radial Clearance - Max	0.0031
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Pre Install Clearance Min	0.0020 in 0.050 mm
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Pre Install Clearance Max	0.0031 in 0.080 mm
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Note: Section View not to Scale

C - Dynamic Load	49900	lbf	222000	N
C0 - Static Load	54100	lbf	240000	N
Weight	28	lb	12.7	kg
Max. Speed T-Seals & Grease	2400	rpm		
Rad. Clearance - Max.	0.0031			

TIMKEN

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NORTH CANTON, OHIO USA

QAFY15A215S
Single Concentric Round Flange Block

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