



The Timken Company

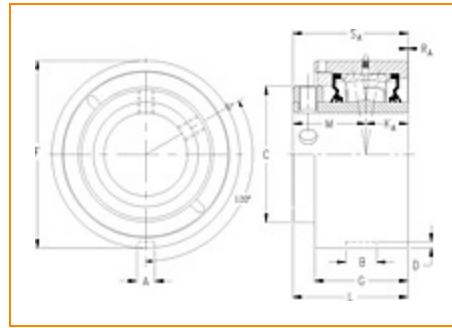
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Part Number QAMC15A211S, Single Concentric Cartridge Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22215

Shaft Size 2 11/16 in

Shaft Size Type Imperial

Full Timken Part Number

- QAMC15A211SB
- QAMC15A211SC
- QAMC15A211SEB
- QAMC15A211SEC
- QAMC15A211SEM
- QAMC15A211SEN
- QAMC15A211SEO
- QAMC15A211SET
- QAMC15A211SM
- QAMC15A211SN
- QAMC15A211SO
- QAMC15A211ST



Locking Style	Single Concentric
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Housing Construction	Cartridge
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UPC Code	0883450303101
	0883450303118
	0883450303125
	0883450303132
	0883450303149
	0883450303156
	0883450303163
	0883450303170
	0883450303187
	0883450303194
	0883450303200
0883450303217	

Dimensions

Dimension A	0.59 in 15 mm
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Dimension B	1.03 in 26.2 mm
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Dimension C	4.29 in 109 mm
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Dimension D	0.25 in 6.4 mm
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Dimension F	5 7/8 in 149.2 mm
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Dimension G	3.14 in 79.8 mm
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Dimension KA	1.25 in 31.8 mm
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Dimension L Exp	4.04 in 102.6 mm
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Dimension L Fix	3.96 in 100.6 mm
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Dimension M	2.37 in 60.2 mm
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Dimension RA	0.32 in 8.1 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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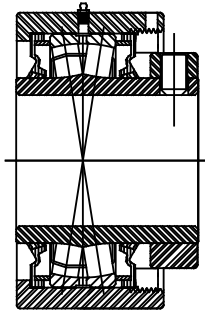
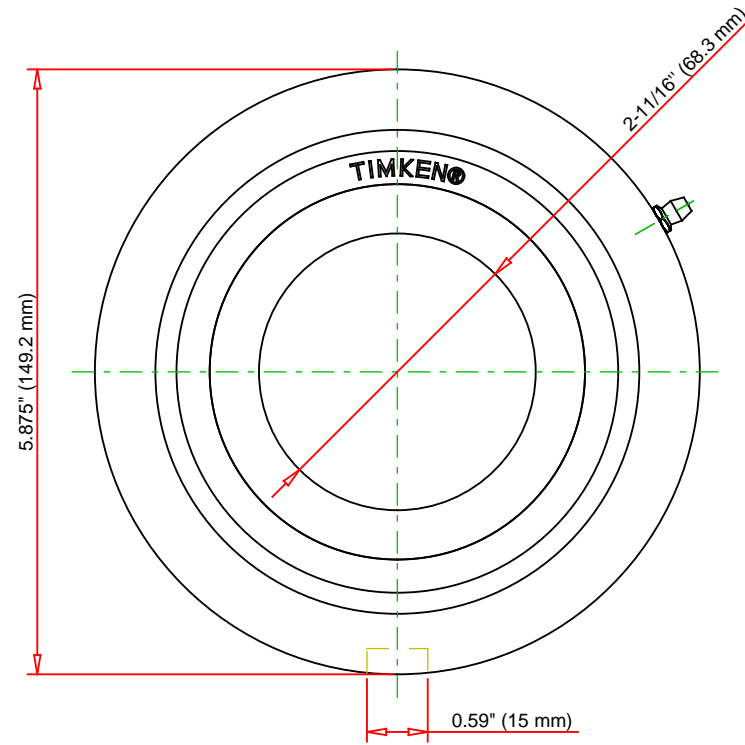
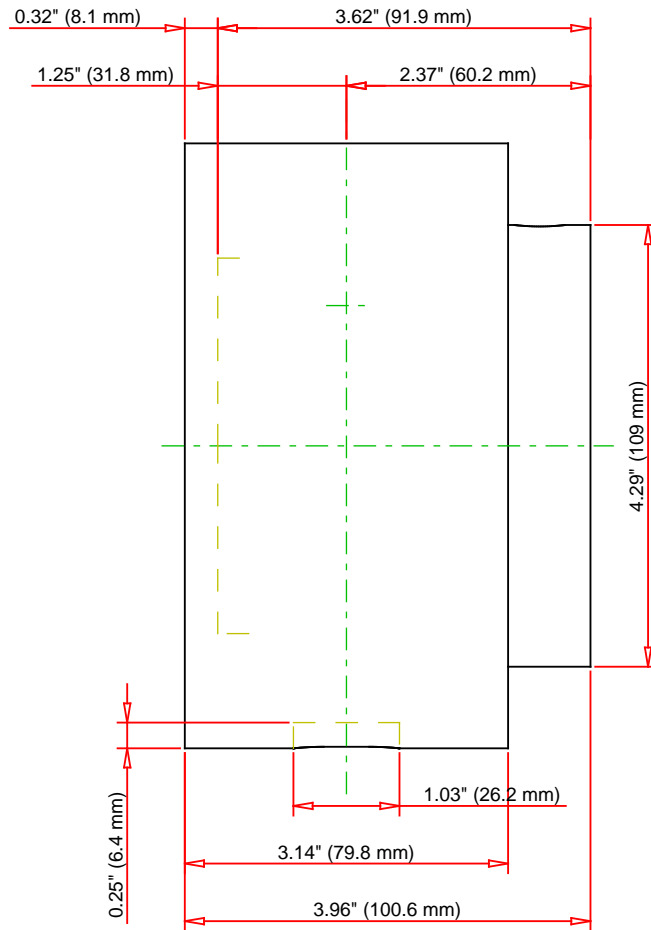
Grease Lubrication - B/C/O Seal	1300 rpm
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Engineering Bearing Attributes

Float	0.083 in 2.108 mm
Shaft Tolerance	0.0020 in 0.051 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0020
Eng Internal Radial Clearance - Max	0.0031
Pre Install Clearance Min	0.0020 in 0.050 mm
Pre Install Clearance Max	0.0031 in 0.080 mm



Note: Section View not to Scale

C - Dynamic Load	49900	lbf	222000	N
C0 - Static Load	54100	lbf	240000	N
Weight	18	lb	8.2	kg
Max. Speed T-Seals & Grease	2400	rpm		
Rad. Clearance - Max.	0.0031			

TIMKEN

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NORTH CANTON, OHIO USA

QAMC15A211S
Single Concentric Cartridge Block

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