



**The Timken Company**

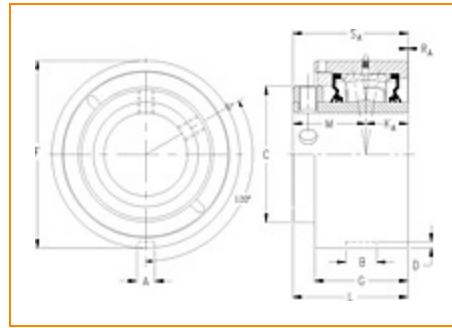
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## Part Number QAMC10A200S, Single Concentric Cartridge Block



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### Specifications

**Engineering Group** Mounted Bearing

**Bearing Number** 22210

**Shaft Size** 2 in

**Shaft Size Type** Imperial

**Full Timken Part Number**

- QAMC10A200SB
- QAMC10A200SC
- QAMC10A200SEB
- QAMC10A200SEC
- QAMC10A200SEM
- QAMC10A200SEN
- QAMC10A200SEO
- QAMC10A200SET
- QAMC10A200SM
- QAMC10A200SN
- QAMC10A200SO
- QAMC10A200ST



<b>Locking Style</b>	Single Concentric
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<b>Housing Construction</b>	Cartridge
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<b>UPC Code</b>	0883450042802
	0883450042819
	0883450042833
	0883450042840
	0883450042857
	0883450042864
	0883450042871
	0883450042888
	0883450194501
	0883450194662
	0883450271677
0883450271837	

## Dimensions

<b>Dimension A</b>	0.53 in 13.5 mm
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<b>Dimension B</b>	0.91 in 23.1 mm
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<b>Dimension C</b>	2.88 in 73.2 mm
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<b>Dimension D</b>	0.19 in 4.8 mm
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<b>Dimension F</b>	4.1250 in 104.8 mm
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<b>Dimension G</b>	2.45 in 62.2 mm
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<b>Dimension KA</b>	1 in 25.4 mm
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<b>Dimension L Exp</b>	3.2 in 81.3 mm
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<b>Dimension L Fix</b>	3.12 in 79.2 mm
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<b>Dimension M</b>	1.87 in 47.5 mm
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<b>Dimension RA</b>	0.24 in 6.1 mm
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<b>Dimension SA</b>	2.87 in 72.9 mm
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## Radial and Thrust Factors

<b>C0 - Static Load</b>	26600 lbf 118000 N
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<b>C - Dynamic Load (Basic)</b>	26300 lbf 117000 N
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<b>e - Geometry Factor</b>	0.24
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<b>Y1 - Geometry Factor</b>	2.84
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<b>Y2 - Geometry Factor</b>	4.23
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## Engineering Seal Speed

<b>Oil Lubrication - M/N Seal</b>	2400 rpm
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<b>Oil Lubrication - T Seal</b>	4200 rpm
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<b>Oil Lubrication - B/C/O Seal</b>	1800 rpm
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<b>Grease Lubrication - M/N Seal</b>	2400 rpm
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<b>Grease Lubrication - T Seal</b>	3550 rpm
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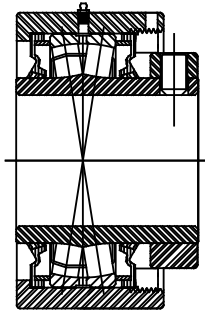
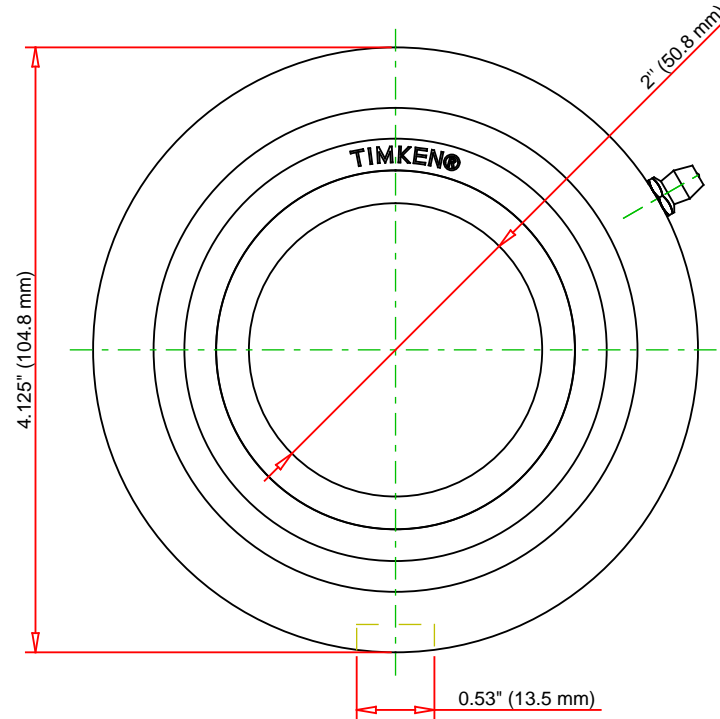
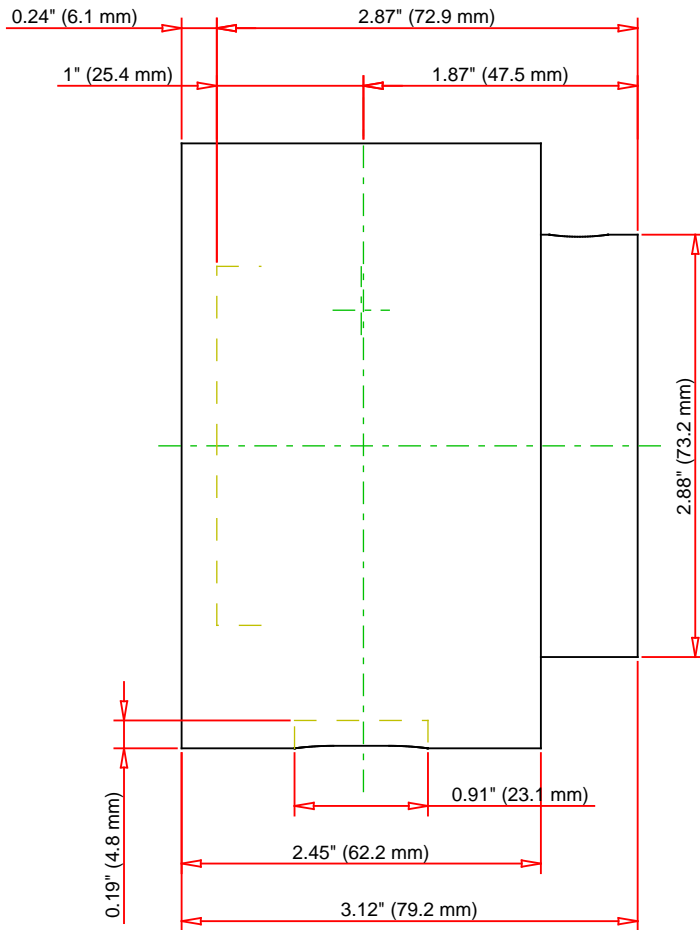
<b>Grease Lubrication - B/C/O Seal</b>	1800 rpm
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## Engineering Bearing Attributes

<b>Float</b>	0.050 in 1.270 mm
<b>Shaft Tolerance</b>	0.0015 in 0.038 mm

## Engineering Internal Radial Clearance

<b>Eng Internal Radial Clearance - Min</b>	0.0014
<b>Eng Internal Radial Clearance - Max</b>	0.0022
<b>Pre Install Clearance Min</b>	0.0016 in 0.040 mm
<b>Pre Install Clearance Max</b>	0.0026 in 0.065 mm



Note: Section View not to Scale

C - Dynamic Load	26300	lbf	117000	N
C0 - Static Load	26600	lbf	118000	N
Weight	8	lb	3.6	kg
Max. Speed T-Seals & Grease	3550	rpm		
Rad. Clearance - Max.	0.0022			

**TIMKEN**

THE TIMKEN COMPANY  
NORTH CANTON, OHIO USA

**QAMC10A200S**  
Single Concentric Cartridge Block

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**FOR DISCUSSION ONLY**