


The Timken Company

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Part Number QAFX08A108S, Single Concentric Four Bolt Square Flange Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22208

Shaft Size 1 1/2 in

Shaft Size Type Imperial

Full Timken Part Number

- QAFX08A108SB
- QAFX08A108SC
- QAFX08A108SEB
- QAFX08A108SEC
- QAFX08A108SEM
- QAFX08A108SEN
- QAFX08A108SEO
- QAFX08A108SET
- QAFX08A108SM
- QAFX08A108SN
- QAFX08A108SO



QAFX08A108ST

Locking Style	Single Concentric
Housing Construction	Four-Bolt Square Flange
UPC Code	883450402613 883450402620 883450402637 883450402644 883450402651 883450402668 883450402675 883450402682 883450402699 883450402705 883450402712 883450402729

Dimensions

Dimension BC	5.5 in 139.7 mm
Dimension C	2.38 in 60.5 mm
Dimension D	4.25 in 108 mm
Dimension E	3.89 in 98.8 mm
Dimension F	5.13 in 130.2 mm
Dimension H	0.88 in 22.4 mm
Dimension J (Bolt Size)	0.5 in 12 mm
Dimension KA	1 in 25.4 mm

Dimension L Exp	2.95 in 74.9 mm
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Dimension L Fix	2.9 in 73.7 mm
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Dimension M	1.75 in 44.5 mm
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Dimension N	2.34 in 59.5 mm
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Dimension RA	0.15 in 3.8 mm
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Dimension SA	2.75 in 69.9 mm
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Radial and Thrust Factors

C0 - Static Load	22400 lbf 99700 N
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C - Dynamic Load (Basic)	23400 lbf 104000 N
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e - Geometry Factor	0.25
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Y1 - Geometry Factor	2.71
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Y2 - Geometry Factor	4.04
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Engineering Seal Speed

Oil Lubrication - M/N Seal	2700 rpm
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Oil Lubrication - T Seal	4500 rpm
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Oil Lubrication - B/C/O Seal	1950 rpm
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Grease Lubrication - M/N Seal	2700 rpm
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Grease Lubrication - T Seal	4000 rpm
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Grease Lubrication - B/C/O Seal	1950 rpm
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Engineering Bearing Attributes

Float	0.050 in 1.270 mm
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Shaft Tolerance	0.0010 in 0.025 mm
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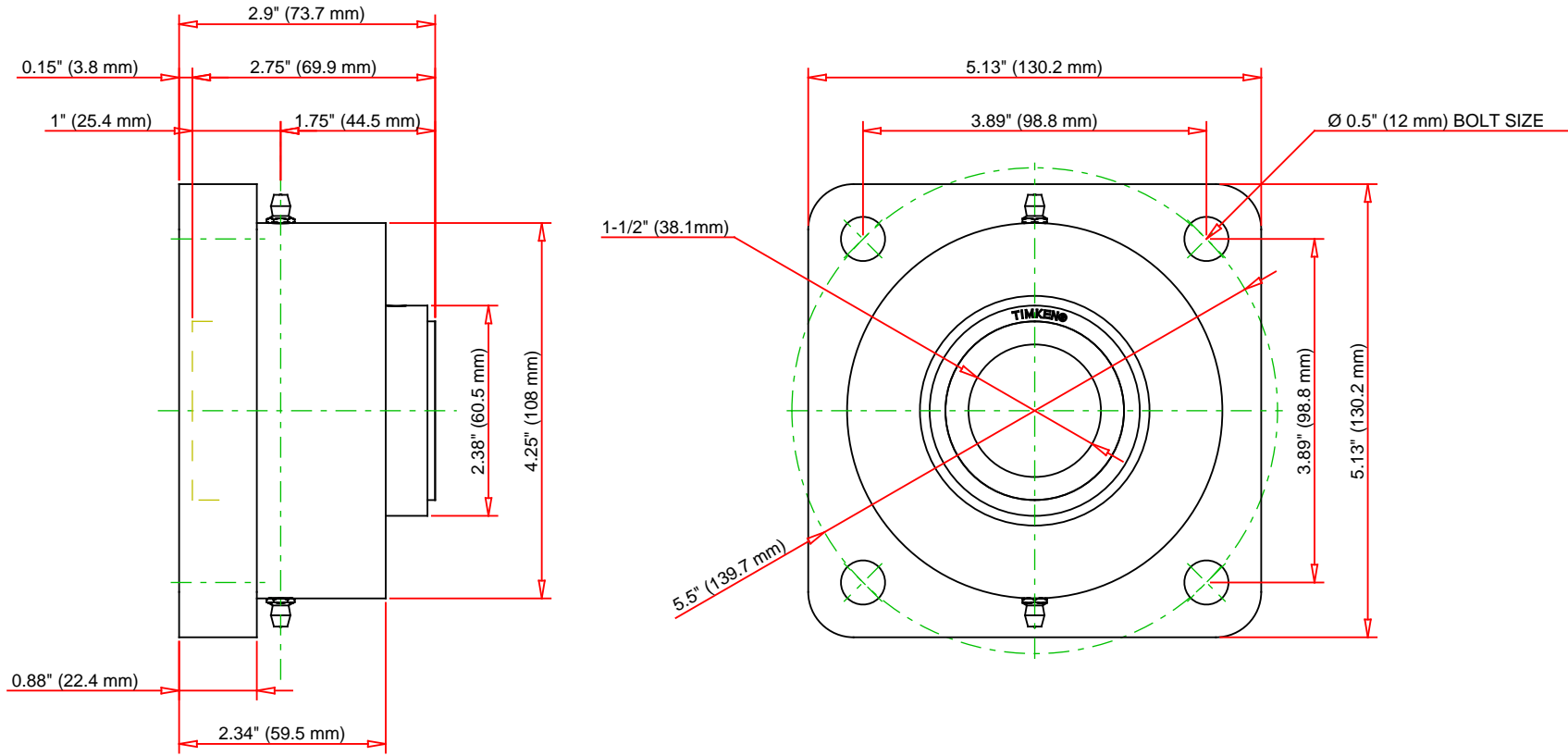
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0016
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Eng Internal Radial Clearance - Max	0.0026
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Pre Install Clearance Min	0.0016 in 0.040 mm
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Pre Install Clearance Max	0.0026 in 0.065 mm
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Note: Section View not to Scale

C - Dynamic Load	23400	lbf	104000	N
C0 - Static Load	22400	lbf	99700	N
Weight	6.63	lb	3	kg
Max. Speed T-Seals & Grease	4000	rpm		
Rad. Clearance - Max.	0.0026			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QAFX08A108S

Single Concentric 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.

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