



The Timken Company

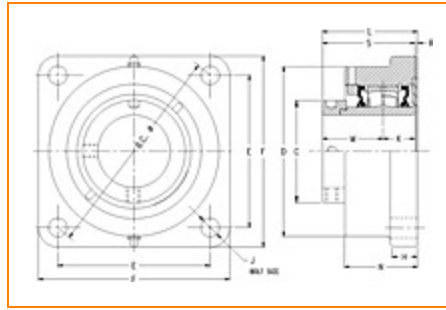
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Part Number QMFL08J108S, Eccentric Four Bolt Square Flange Block



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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

- QMFL08J108SB
- QMFL08J108SC
- QMFL08J108SEB
- QMFL08J108SEC
- QMFL08J108SEM
- QMFL08J108SEN
- QMFL08J108SEO
- QMFL08J108SET
- QMFL08J108SM
- QMFL08J108SN
- QMFL08J108SO



QMFL08J108ST

Locking Style

Eccentric

Housing Construction

Four-Bolt Square Flange

UPC Code

0883450069526
 0883450069533
 0883450069557
 0883450069564
 0883450069571
 0883450069588
 0883450069595
 0883450069601
 0883450162883
 0883450163224
 0883450255202
 0883450255547

Dimensions**Dimension BC**

5 in
 127 mm

Dimension C

2.38 in
 60.5 mm

Dimension D

3.69 in
 93.7 mm

Dimension E

3.54 in
 89.9 mm

Dimension F

4.63 in
 117.6 mm

Dimension H

0.88 in
 22.4 mm

Dimension J (Bolt Size)

0.5 in
 12 mm

Dimension K

1 in
 25.4 mm

Dimension L Exp	2.95 in 74.9 mm
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Dimension L Fix	2.87 in 72.9 mm
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Dimension M	1.75 in 44.5 mm
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Dimension N	2.25 in 57.2 mm
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Dimension R	0.12 in 3 mm
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Dimension S	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	0.29
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Y1 - Geometry Factor	2.35
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Y2 - Geometry Factor	3.5
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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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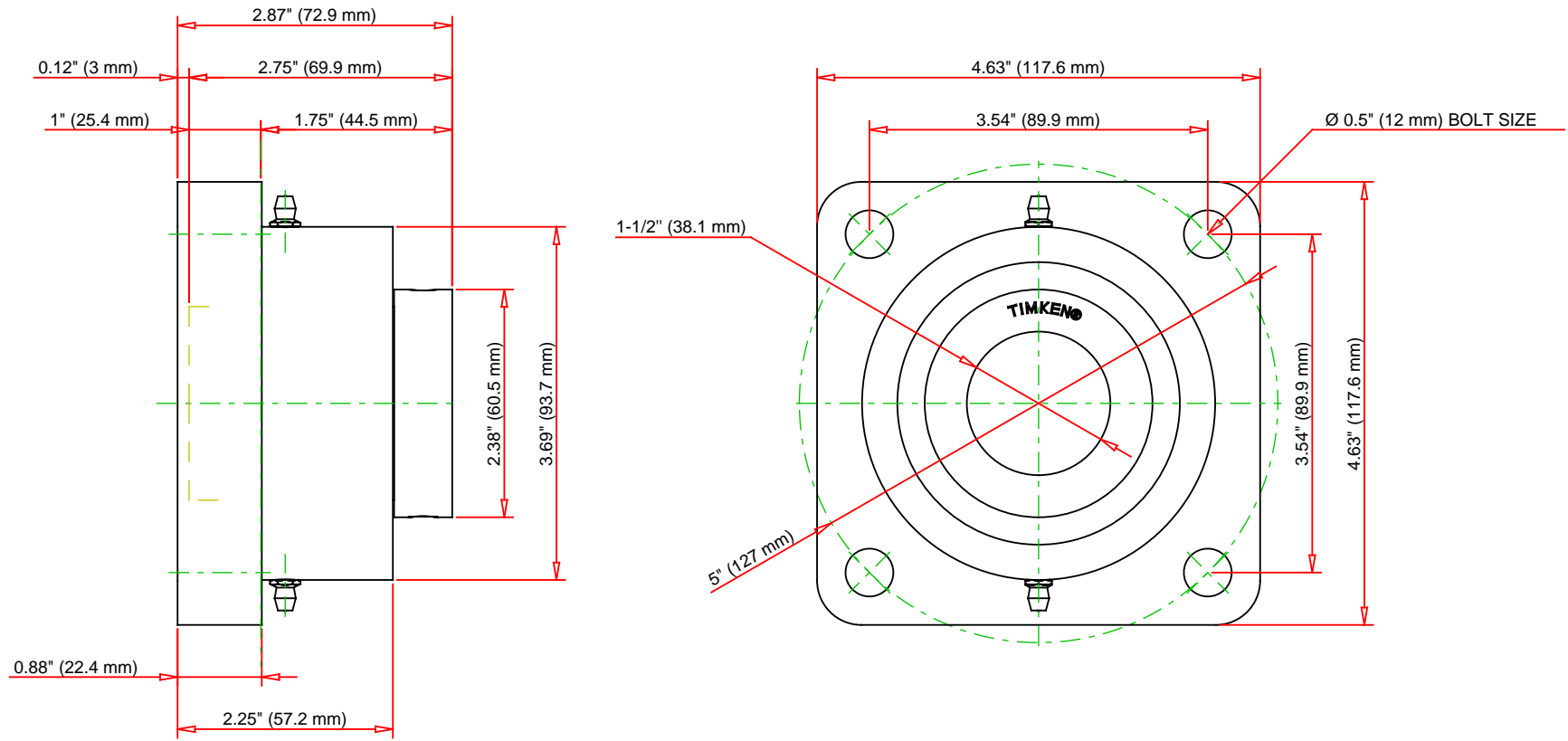
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0012
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Eng Internal Radial Clearance - Max	0.0018
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Pre Install Clearance Min	0.0012 in 0.030 mm
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Pre Install Clearance Max	0.0018 in 0.045 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	10	lb	4.5	kg
Max. Speed T-Seals & Grease	4000	rpm		
Rad. Clearance - Max.	0.0018			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QMFL08J108S
Eccentric 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.

FOR DISCUSSION ONLY