



The Timken Company

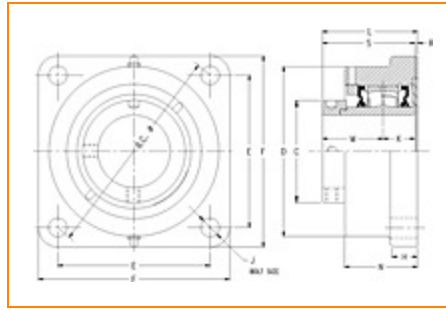
4500 Mt Pleasant St. NW

N. Canton, OH 44720

Phone: (234) 262-3000

E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number QMF08J108S, 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

QMF08J108SB
 QMF08J108SC
 QMF08J108SEB
 QMF08J108SEC
 QMF08J108SEM
 QMF08J108SEN
 QMF08J108SEO
 QMF08J108SET
 QMF08J108SM
 QMF08J108SMB
 QMF08J108SN



QMF08J108SO
QMF08J108ST

Locking Style

Eccentric

Housing Construction

Four-Bolt Square Flange

UPC Code

0883450065726
0883450065733
0883450065757
0883450065764
0883450065771
0883450065788
0883450065795
0883450065801
0883450161527
0883450162203
0883450254243
0883450254724
0883450436236

Dimensions**Dimension BC**

5.84 in
148.3 mm

Dimension C

2.38 in
60.5 mm

Dimension D

4.25 in
108 mm

Dimension E

4.13 in
104.9 mm

Dimension F

5.38 in
136.7 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	2.98 in 75.7 mm
Dimension L Fix	2.9 in 73.7 mm
Dimension M	1.75 in 44.5 mm
Dimension N	2.34 in 59.4 mm
Dimension R	0.15 in 3.8 mm
Dimension S	2.75 in 69.9 mm

Radial and Thrust Factors

C0 - Static Load	22400 lbf 99700 N
C - Dynamic Load (Basic)	23400 lbf 104000 N
e - Geometry Factor	0.29
Y1 - Geometry Factor	2.35
Y2 - Geometry Factor	3.5

Engineering Seal Speed

Oil Lubrication - M/N Seal	2700 rpm
Oil Lubrication - T Seal	4500 rpm
Oil Lubrication - B/C/O Seal	1950 rpm

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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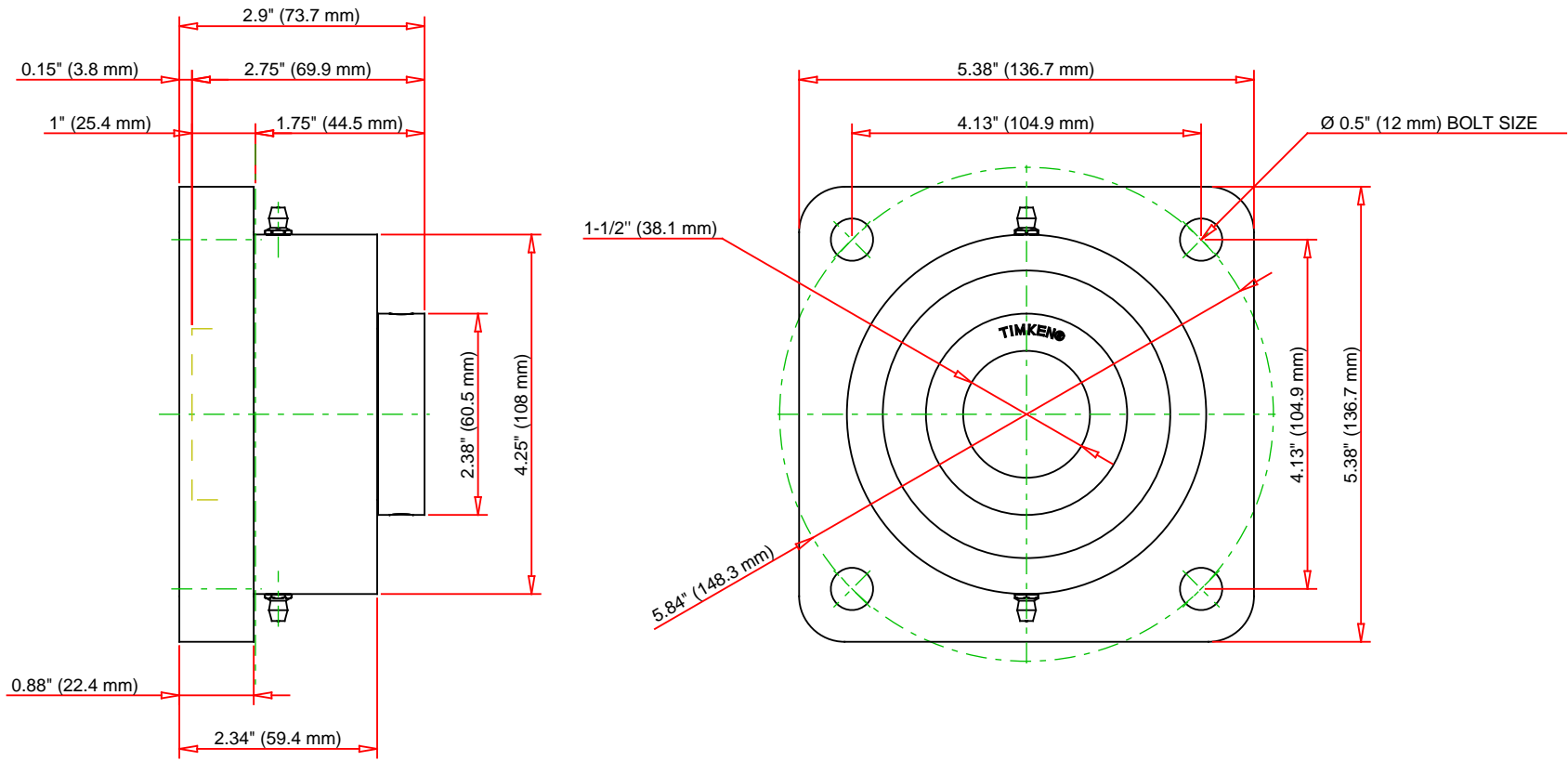
Engineering Internal Radial Clearance

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

QMF08J108S

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.

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