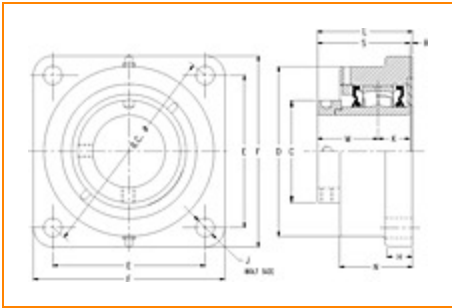




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Part Number QMF09J112S, Eccentric Four Bolt Square Flange Block



[Specifications](#) | [Dimensions](#) | [Radial and Thrust Factors](#) | [Engineering Seal Speed](#) | [Engineering Bearing Attributes](#) | [Engineering Internal Radial Clearance](#)

Specifications

Engineering Group	Mounted Bearing
Bearing Number	22209
Shaft Size	1 3/4 in
Shaft Size Type	Imperial
Full Timken Part Number	QMF09J112SB QMF09J112SBREV QMF09J112SC QMF09J112SEB QMF09J112SEC QMF09J112SEM QMF09J112SEN QMF09J112SEO QMF09J112SET QMF09J112SM QMF09J112SN



QMF09J112SO
QMF09J112ST
QMF09J112STNG

Locking Style

Eccentric

Housing Construction

Four-Bolt Square Flange

UPC Code

0883450065924
0883450065931
0883450065955
0883450065962
0883450065979
0883450065986
0883450065993
0883450066006
0883450161541
0883450162227
0883450254274
0883450254755
0883450494434
0883450958622

Dimensions**Dimension BC**

6.19 in
157.2 mm

Dimension C

2.63 in
66.8 mm

Dimension D

4.66 in
118.4 mm

Dimension E

4.38 in
111.3 mm

Dimension F

5.63 in
143 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	3.21 in 81.5 mm
Dimension L Fix	3.13 in 79.5 mm
Dimension M	1.88 in 47.8 mm
Dimension N	2.5 in 63.5 mm
Dimension R	0.25 in 6.4 mm
Dimension S	2.87 in 72.9 mm

Radial and Thrust Factors

C0 - Static Load	24200 lbf 108000 N
C - Dynamic Load (Basic)	24500 lbf 109000 N
e - Geometry Factor	0.27
Y1 - Geometry Factor	2.5
Y2 - Geometry Factor	3.72

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	0.0015 in 0.038 mm
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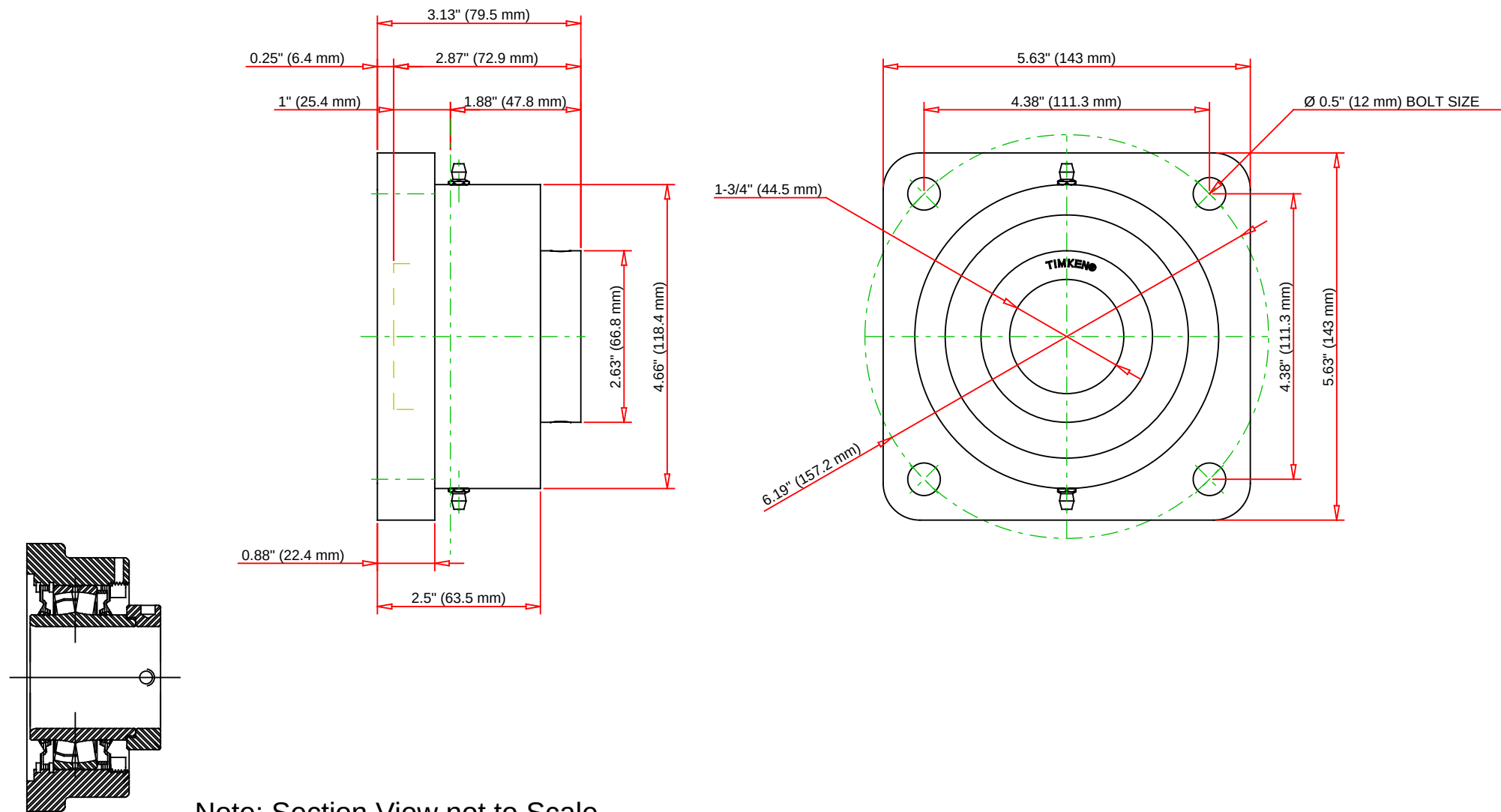
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0014
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Eng Internal Radial Clearance - Max	0.0022
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Pre Install Clearance Min	0.0014 in 0.035 mm
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Pre Install Clearance Max	0.0022 in 0.055 mm
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Note: Section View not to Scale

C - Dynamic Load	24500	lbf	109000	N
C0 - Static Load	24200	lbf	108000	N
Weight	11	lb	5	kg
Max. Speed T-Seals & Grease	4000	rpm		
Rad. Clearance - Max.	0.0022			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QMF09J112S

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