



The Timken Company

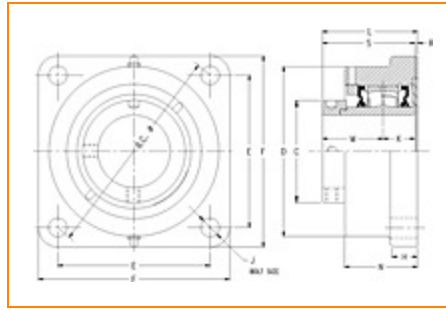
4500 Mt Pleasant St. NW

N. Canton, OH 44720

Phone: (234) 262-3000

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

Part Number QMF15J215S, Eccentric Four Bolt Square Flange Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22215

Shaft Size 2 15/16 in

Shaft Size Type Imperial

QMF15J215SB
 QMF15J215SC
 QMF15J215SEB
 QMF15J215SEC
 QMF15J215SEM
 QMF15J215SEMYBLK
 QMF15J215SEN
 QMF15J215SEO
 QMF15J215SET
 QMF15J215SM
 QMF15J215SMNP



Full Timken Part Number

QMF15J215SMOFP
 QMF15J215SMXYBLK
 QMF15J215SN
 QMF15J215SO
 QMF15J215ST
 QMF15J215STHT
 QMF15J215STOFP

Locking Style

Eccentric

Housing Construction

Four-Bolt Square Flange

UPC Code

0883450067225
 0883450067232
 0883450067256
 0883450067263
 0883450067270
 0883450067287
 0883450067294
 0883450067300
 0883450161664
 0883450162340
 0883450254427
 0883450254908
 0883450433716
 0883450454513
 0883450461481
 0883450494342
 0883450494359

Dimensions**Dimension BC**

8.49 in
 215.6 mm

Dimension C

4.01 in
 101.9 mm

Dimension D

6.65 in
 168.9 mm

Dimension E

6 in
 152.4 mm

Dimension F	7.44 in 189 mm
Dimension H	1.06 in 26.9 mm
Dimension J (Bolt Size)	0.75 in 20 mm
Dimension K	1.25 in 31.8 mm
Dimension L Exp	3.86 in 98 mm
Dimension L Fix	3.78 in 96 mm
Dimension M	2.37 in 60.2 mm
Dimension N	3 in 76.2 mm
Dimension R	0.16 in 4.1 mm
Dimension S	3.62 in 91.9 mm

Radial and Thrust Factors

C0 - Static Load	54100 lbf 240000 N
C - Dynamic Load (Basic)	49900 lbf 222000 N
e - Geometry Factor	0.22
Y1 - Geometry Factor	3.01
Y2 - Geometry Factor	4.48

Engineering Seal Speed

Oil Lubrication - M/N Seal	1600 rpm
Oil Lubrication - T Seal	2900 rpm
Oil Lubrication - B/C/O Seal	1300 rpm
Grease Lubrication - M/N Seal	1600 rpm
Grease Lubrication - T Seal	2400 rpm
Grease Lubrication - B/C/O Seal	1300 rpm

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
Shaft Tolerance	0.0020 in 0.051 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.002
Eng Internal Radial Clearance - Max	0.0031
Pre Install Clearance Min	0.0020 in 0.050 mm
Pre Install Clearance Max	0.0031 in 0.080 mm

