



The Timken Company

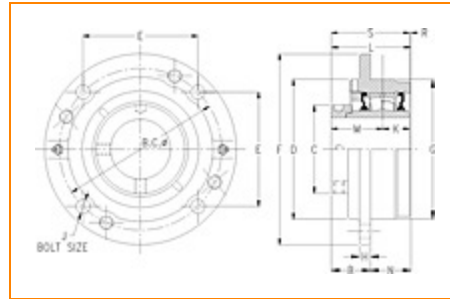
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Part Number QMCW15J215S, Eccentric Piloted Flange Cartridge



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22215

Shaft Size 2 15/16 in

Shaft Size Type Imperial

Full Timken Part Number

- QMCW15J215SB
- QMCW15J215SC
- QMCW15J215SEB
- QMCW15J215SEC
- QMCW15J215SEM
- QMCW15J215SEN
- QMCW15J215SEO
- QMCW15J215SET
- QMCW15J215SM
- QMCW15J215SMB
- QMCW15J215SN
- QMCW15J215SO
- QMCW15J215ST



QMCW15J215STSLA

Locking Style

Eccentric

Housing Construction

Piloted Flange Cartridge

UPC Code

0883450063029
 0883450063036
 0883450063050
 0883450063067
 0883450063074
 0883450063081
 0883450063098
 0883450063104
 0883450166539
 0883450167253
 0883450258715
 0883450259255
 0883450409445
 0883450492614

Dimensions**Dimension BC**

7-1/2 in
 190.5 mm

Dimension B Exp

1.89 in
 48 mm

Dimension B Fix

1.81 in
 46 mm

Dimension C

4.01 in
 101.9 mm

Dimension D

6.38 in
 162.1 mm

Dimension E

5.3 in
 134.6 mm

Dimension F

8-3/4 in
 222.3 mm

Dimension G	6.375 in 161.9 mm
Dimension H	0.5 in 12.7 mm
Dimension J (Bolt Size)	0.625 in 16 mm
Dimension K	1.25 in 31.8 mm
Dimension L Exp	3.76 in 95.5 mm
Dimension L Fix	3.68 in 93.5 mm
Dimension M	2.37 in 60.2 mm
Dimension N	1.88 in 47.8 mm
Dimension R	0.06 in 1.5 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	3.14
Y2 - Geometry Factor	4.67

Engineering Seal Speed

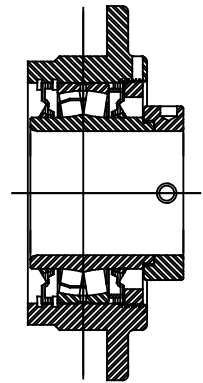
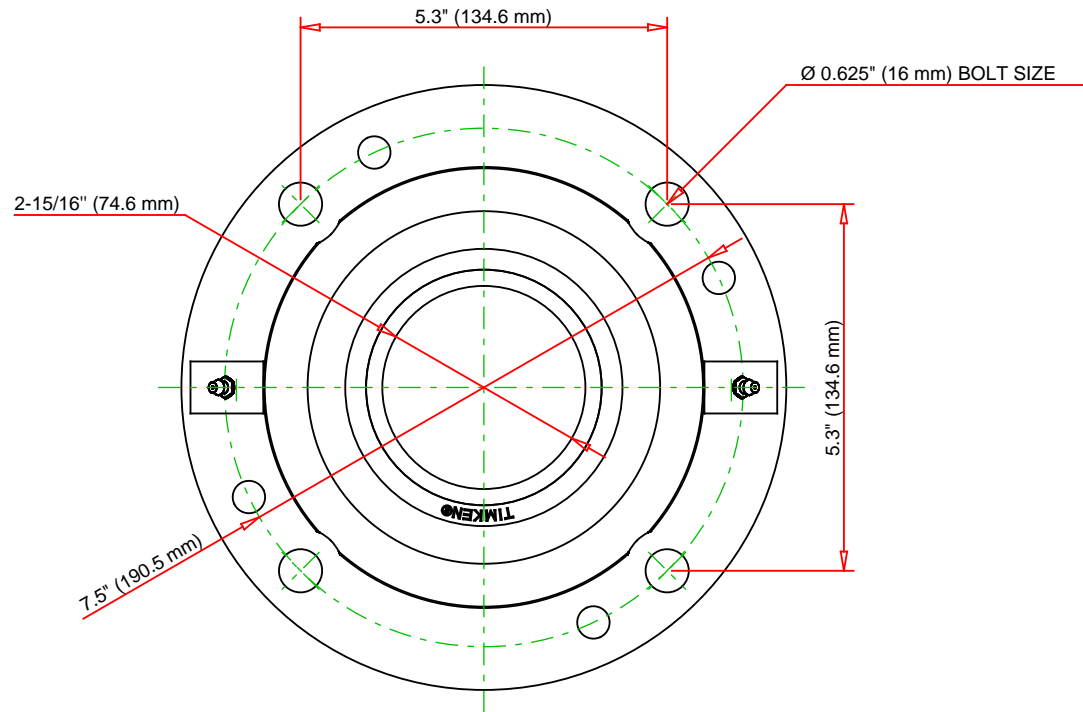
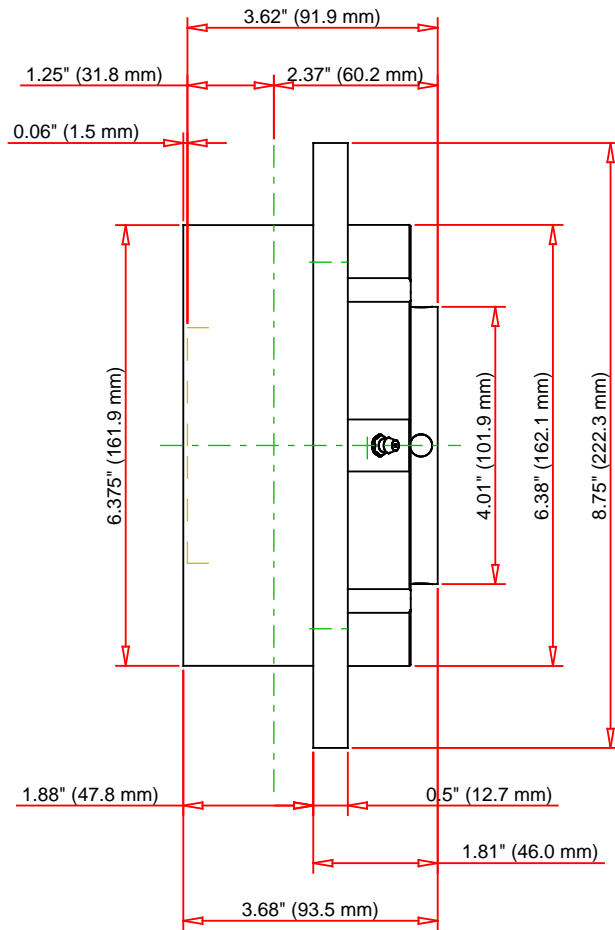
Oil Lubrication - M/N Seal	1600 rpm
Oil Lubrication - T Seal	2900 rpm
Oil Lubrication - B/C/O Seal	1300 rpm
Grease Lubrication - M/N Seal	1600 rpm
Grease Lubrication - T Seal	2400 rpm
Grease Lubrication - B/C/O Seal	1300 rpm

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	0.0020
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



Note: Section View not to Scale

C - Dynamic Load	49900	lbf	222000	N
C0 - Static Load	54100	lbf	240000	N
Weight	22	lb	10	kg
Max. Speed T-Seals & Grease	2400	rpm		
Rad. Clearance - Max.	0.0031			

TIMKEN

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NORTH CANTON, OHIO USA

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Eccentric Piloted Flange Cartridge

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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