



The Timken Company

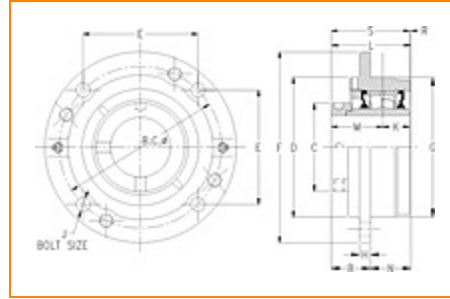
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Part Number QMCW10J115S, Eccentric Piloted Flange Cartridge



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22210

Shaft Size 1 15/16 in

Shaft Size Type Imperial

Full Timken Part Number

- QMCW10J115SB
- QMCW10J115SC
- QMCW10J115SEB
- QMCW10J115SEC
- QMCW10J115SEM
- QMCW10J115SEN
- QMCW10J115SEO
- QMCW10J115SET
- QMCW10J115SM
- QMCW10J115SMB
- QMCW10J115SN
- QMCW10J115SO
- QMCW10J115ST



Locking Style	Eccentric
Housing Construction	Piloted Flange Cartridge
UPC Code	0883450061926 0883450061933 0883450061957 0883450061964 0883450061971 0883450061988 0883450061995 0883450062008 0883450166423 0883450167147 0883450258586 0883450259125 0883450410946

Dimensions

Dimension BC	5.38 in 136.7 mm
Dimension B Exp	1.62 in 41.1 mm
Dimension B Fix	1.54 in 39.1 mm
Dimension C	2.76 in 70.1 mm
Dimension D	4.47 in 113.5 mm
Dimension E	3.8 in 96.5 mm
Dimension F	6.38 in 162.1 mm
Dimension G	4.5 in 114.3 mm

Dimension H	0.38 in 9.7 mm
Dimension J (Bolt Size)	0.438 in 10 mm
Dimension K	0.98 in 24.9 mm
Dimension L Exp	3.12 in 79.2 mm
Dimension L Fix	3.04 in 77.2 mm
Dimension M	1.89 in 48 mm
Dimension N	1.5 in 38.1 mm
Dimension R	0.17 in 4.3 mm
Dimension S	2.87 in 72.9 mm

Radial and Thrust Factors

C0 - Static Load	26600 lbf 118000 N
C - Dynamic Load (Basic)	26300 lbf 117000 N
e - Geometry Factor	0.24
Y1 - Geometry Factor	2.84
Y2 - Geometry Factor	4.23

Engineering Seal Speed

Oil Lubrication - M/N Seal	2400 rpm
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Oil Lubrication - T Seal	4200 rpm
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Oil Lubrication - B/C/O Seal	1800 rpm
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Grease Lubrication - M/N Seal	2400 rpm
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Grease Lubrication - T Seal	3550 rpm
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Grease Lubrication - B/C/O Seal	1800 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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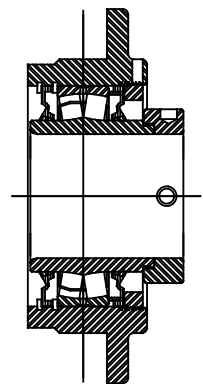
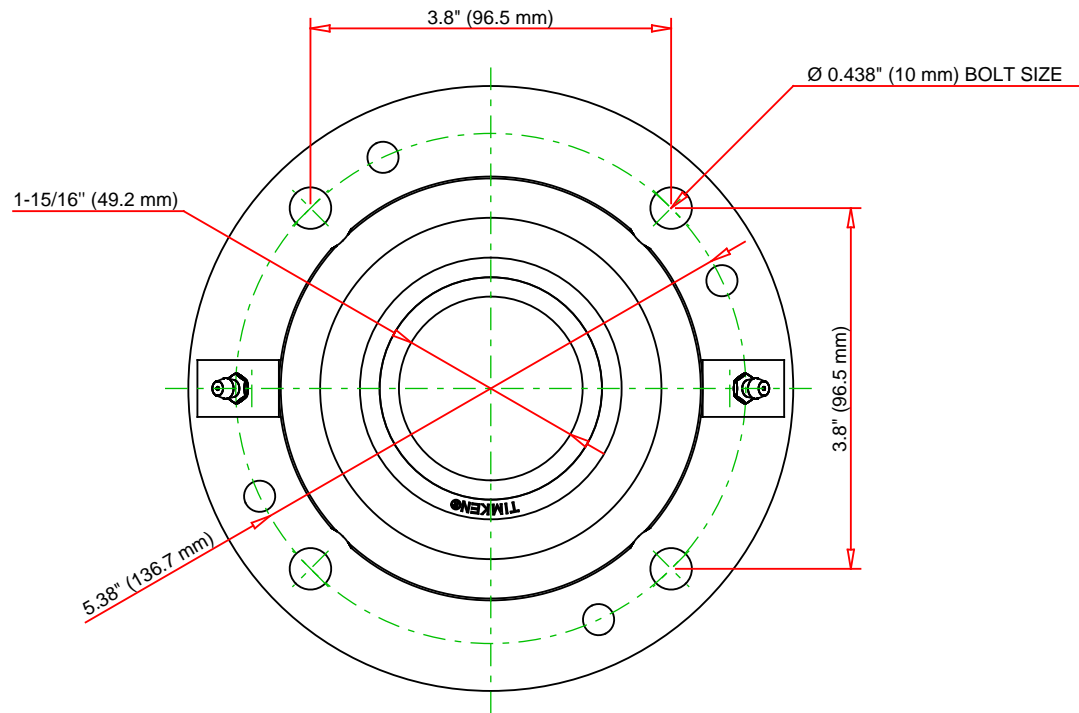
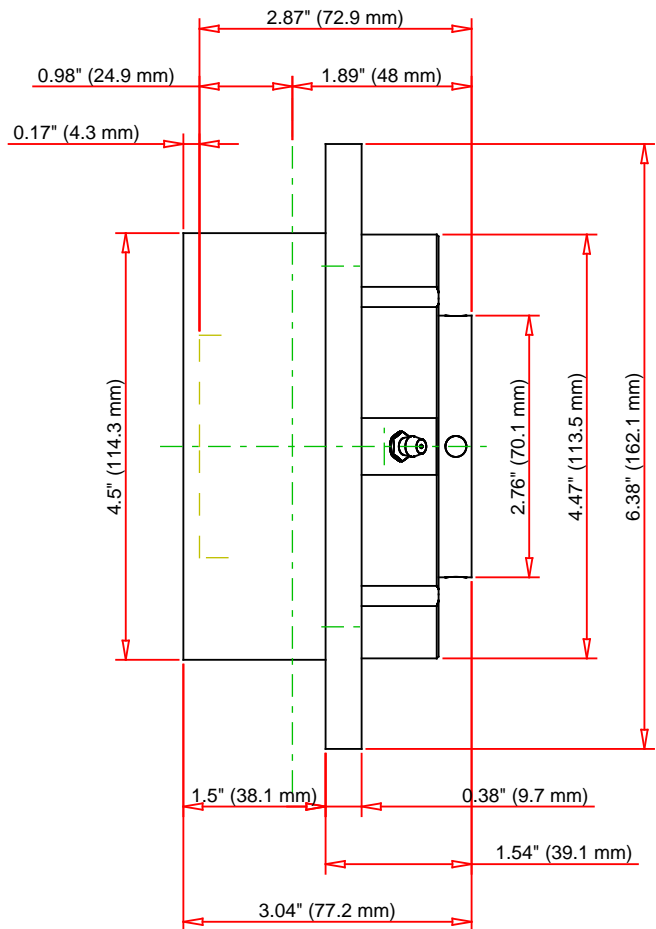
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0016
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Eng Internal Radial Clearance - Max	0.0026
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Pre Install Clearance Min	0.0016 in 0.040 mm
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Pre Install Clearance Max	0.0026 in 0.065 mm
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Note: Section View not to Scale

C - Dynamic Load	26300	lbf	117000	N
C0 - Static Load	26600	lbf	118000	N
Weight	10	lb	4.5	kg
Max. Speed T-Seals & Grease	3550	rpm		
Rad. Clearance - Max.	0.0026			

TIMKEN

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NORTH CANTON, OHIO USA

QMCW10J115S
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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