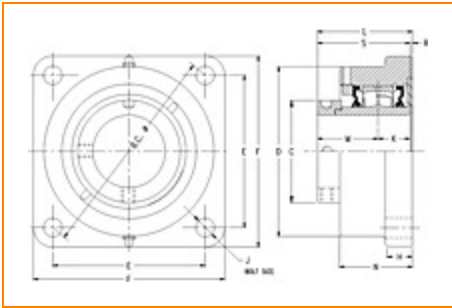




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Part Number QMFL10J115S, Eccentric Four Bolt Square Flange Block



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

Specifications

Engineering Group	Mounted Bearing
Bearing Number	22210
Shaft Size	1 15/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QMFL10J115SB QMFL10J115SC QMFL10J115SEB QMFL10J115SEC QMFL10J115SEM QMFL10J115SEN QMFL10J115SEO QMFL10J115SET QMFL10J115SM QMFL10J115SMNG QMFL10J115SN



	QMFL10J115SO QMFL10J115ST
Locking Style	Eccentric
Housing Construction	Four-Bolt Square Flange
UPC Code	0883450069922
	0883450069939
	0883450069953
	0883450069960
	0883450069977
	0883450069984
	0883450069991
	0883450070003
	0883450162913
	0883450163255
	0883450255257
	0883450255592
	0883450499637

Dimensions

Dimension BC	5.75 in 146.1 mm
Dimension C	2.76 in 70.1 mm
Dimension D	4.54 in 115.3 mm
Dimension E	4.07 in 103.4 mm
Dimension F	5.19 in 131.8 mm
Dimension H	0.91 in 23.1 mm
Dimension J (Bolt Size)	0.5 in 12 mm

Dimension K	0.98 in 24.9 mm
Dimension L Exp	3.26 in 82.8 mm
Dimension L Fix	3.18 in 80.8 mm
Dimension M	1.89 in 48 mm
Dimension N	2.46 in 62.5 mm
Dimension R	0.31 in 7.9 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	0.25
Y1 - Geometry Factor	2.71
Y2 - Geometry Factor	4.04

Engineering Seal Speed

Oil Lubrication - M/N Seal	2400 rpm
Oil Lubrication - T Seal	4200 rpm
Oil Lubrication - B/C/O Seal	1800 rpm

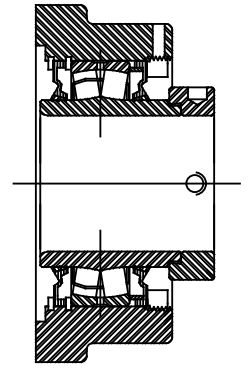
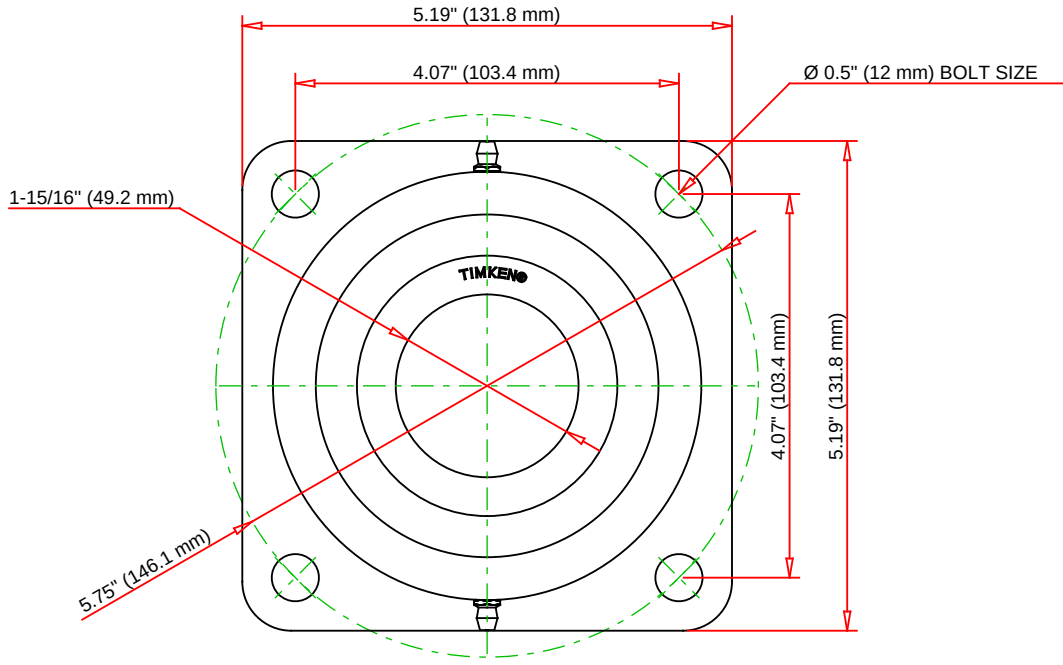
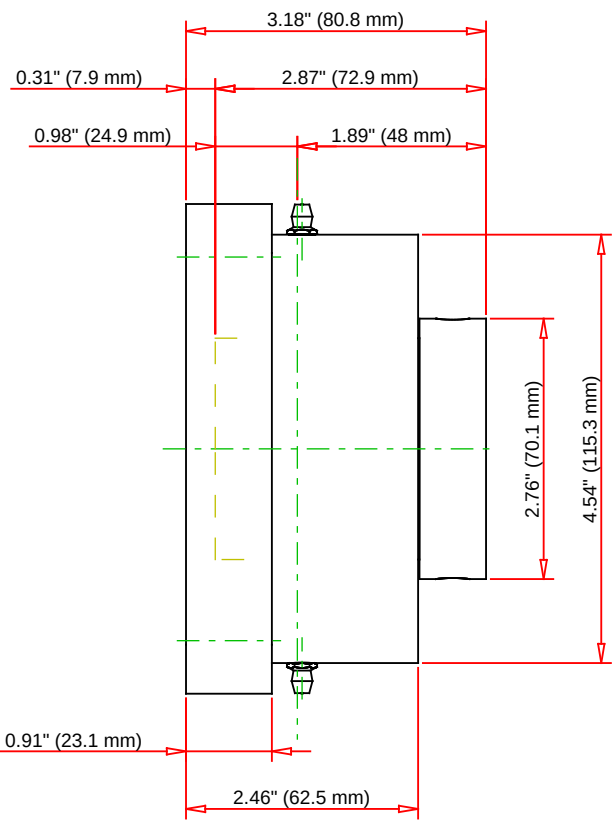
Grease Lubrication - M/N Seal	2400 rpm
Grease Lubrication - T Seal	3550 rpm
Grease Lubrication - B/C/O Seal	1800 rpm

Engineering Bearing Attributes

Float	0.050 in 1.270 mm
Shaft Tolerance	0.0015 in 0.038 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0016
Eng Internal Radial Clearance - Max	0.0026
Pre Install Clearance Min	0.0016 in 0.040 mm
Pre Install Clearance Max	0.0026 in 0.065 mm



Note: Section View not to Scale

	C - Dynamic Load	26300	lbf	117000	N		QMFL10J115S Eccentric Four Bolt Square Flange Block
	C0 - Static Load	26600	lbf	118000	N		
	Weight	11	lb	5	kg		
	Max. Speed T-Seals & Grease	3550	rpm				
	Rad. Clearance - Max.	0.0026					
						THE TIMKEN COMPANY NORTH CANTON, OHIO USA	

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