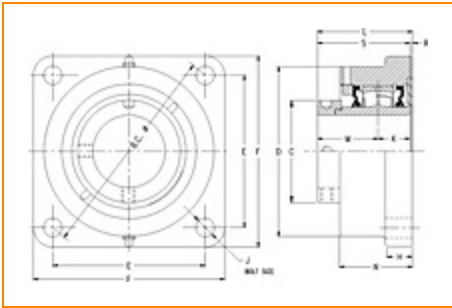




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Part Number QMFL08J107S, Eccentric Four Bolt Square Flange Block



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

Specifications

Engineering Group	Mounted Bearing
Bearing Number	22208
Shaft Size	1 7/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QMFL08J107SB QMFL08J107SC QMFL08J107SEB QMFL08J107SEC QMFL08J107SEM QMFL08J107SEN QMFL08J107SEO QMFL08J107SET QMFL08J107SM QMFL08J107SN QMFL08J107SO



QMFL08J107ST	
Locking Style	Eccentric
Housing Construction	Four-Bolt Square Flange
UPC Code	0883450069427
	0883450069434
	0883450069458
	0883450069465
	0883450069472
	0883450069489
	0883450069496
	0883450069502
	0883450162876
	0883450163217
	0883450255196
	0883450255530

Dimensions

Dimension BC	5 in 127 mm
Dimension C	2.38 in 60.5 mm
Dimension D	3.69 in 93.7 mm
Dimension E	3.54 in 89.9 mm
Dimension F	4.63 in 117.6 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	2.95 in 74.9 mm
Dimension L Fix	2.87 in 72.9 mm
Dimension M	1.75 in 44.5 mm
Dimension N	2.25 in 57.2 mm
Dimension R	0.12 in 3 mm
Dimension S	2.75 in 69.9 mm

Radial and Thrust Factors

C0 - Static Load	22400 lbf 99700 N
C - Dynamic Load (Basic)	23400 lbf 104000 N
e - Geometry Factor	0.29
Y1 - Geometry Factor	2.35
Y2 - Geometry Factor	3.5

Engineering Seal Speed

Oil Lubrication - M/N Seal	2700 rpm
Oil Lubrication - T Seal	4500 rpm
Oil Lubrication - B/C/O Seal	1950 rpm
Grease Lubrication - M/N Seal	2700 rpm

Grease Lubrication - T Seal 4000 rpm

Grease Lubrication - B/C/O Seal 1950 rpm

Engineering Bearing Attributes

Float 0.050 in
1.270 mm

Shaft Tolerance 0.0010 in
0.025 mm

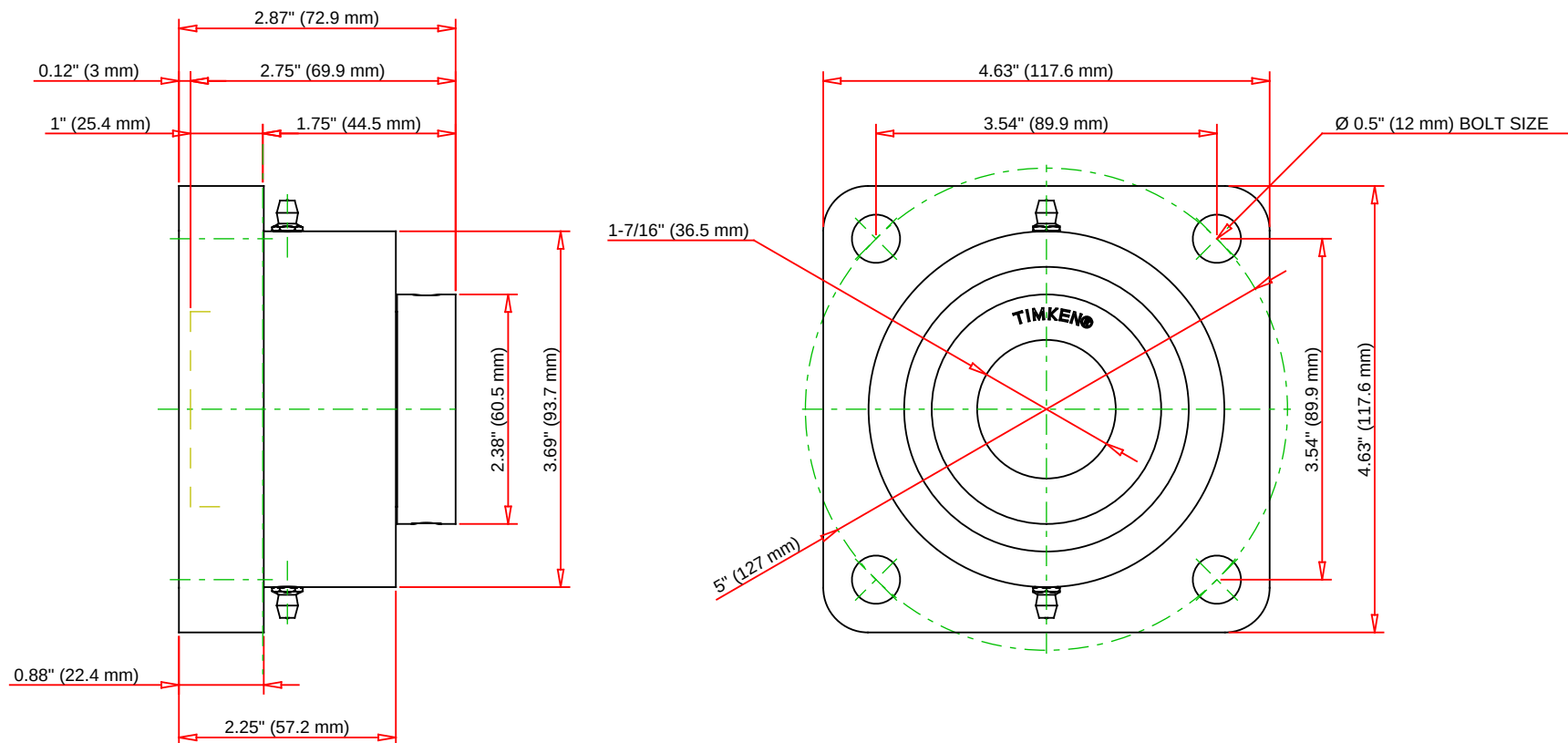
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min 0.0012

Eng Internal Radial Clearance - Max 0.0018

Pre Install Clearance Min 0.0012 in
0.030 mm

Pre Install Clearance Max 0.0018 in
0.045 mm



Note: Section View not to Scale

C - Dynamic Load	23400	lbf	104000	N
C0 - Static Load	22400	lbf	99700	N
Weight	10	lb	4.5	kg
Max. Speed T-Seals & Grease	4000	rpm		
Rad. Clearance - Max.	0.0018			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QMFL08J107S

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