



The Timken Company

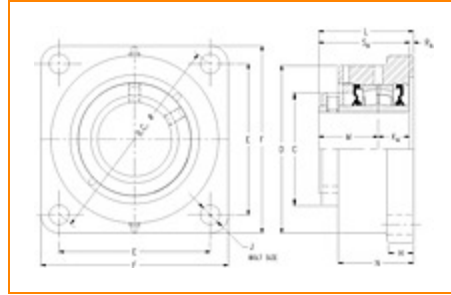
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Part Number QAF10A115S, Single Concentric Four Bolt Square Flange Block



[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

- QAF10A115SB
- QAF10A115SC
- QAF10A115SEB
- QAF10A115SEC
- QAF10A115SEM
- QAF10A115SEN
- QAF10A115SEO
- QAF10A115SET
- QAF10A115SM
- QAF10A115SN
- QAF10A115SO



QAF10A115ST
QAF10A115STHT

Locking Style Single Concentric

Housing Construction Four-Bolt Square Flange

UPC Code

0883450037907
0883450037914
0883450037938
0883450037945
0883450037952
0883450037969
0883450037976
0883450037983
0883450190626
0883450190787
0883450267984
0883450268141
0883450457590

Dimensions

Dimension BC

6.19 in
157.2 mm

Dimension C

2.88 in
73.2 mm

Dimension D

4.75 in
120.7 mm

Dimension E

4.38 in
111.3 mm

Dimension F

5.5000 in
139.700 mm

Dimension H

0.88 in
22.4 mm

Dimension J (Bolt Size)

0.5 in
12 mm

Dimension KA	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	2.56 in 65 mm
Dimension RA	0.31 in 7.9 mm
Dimension SA	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
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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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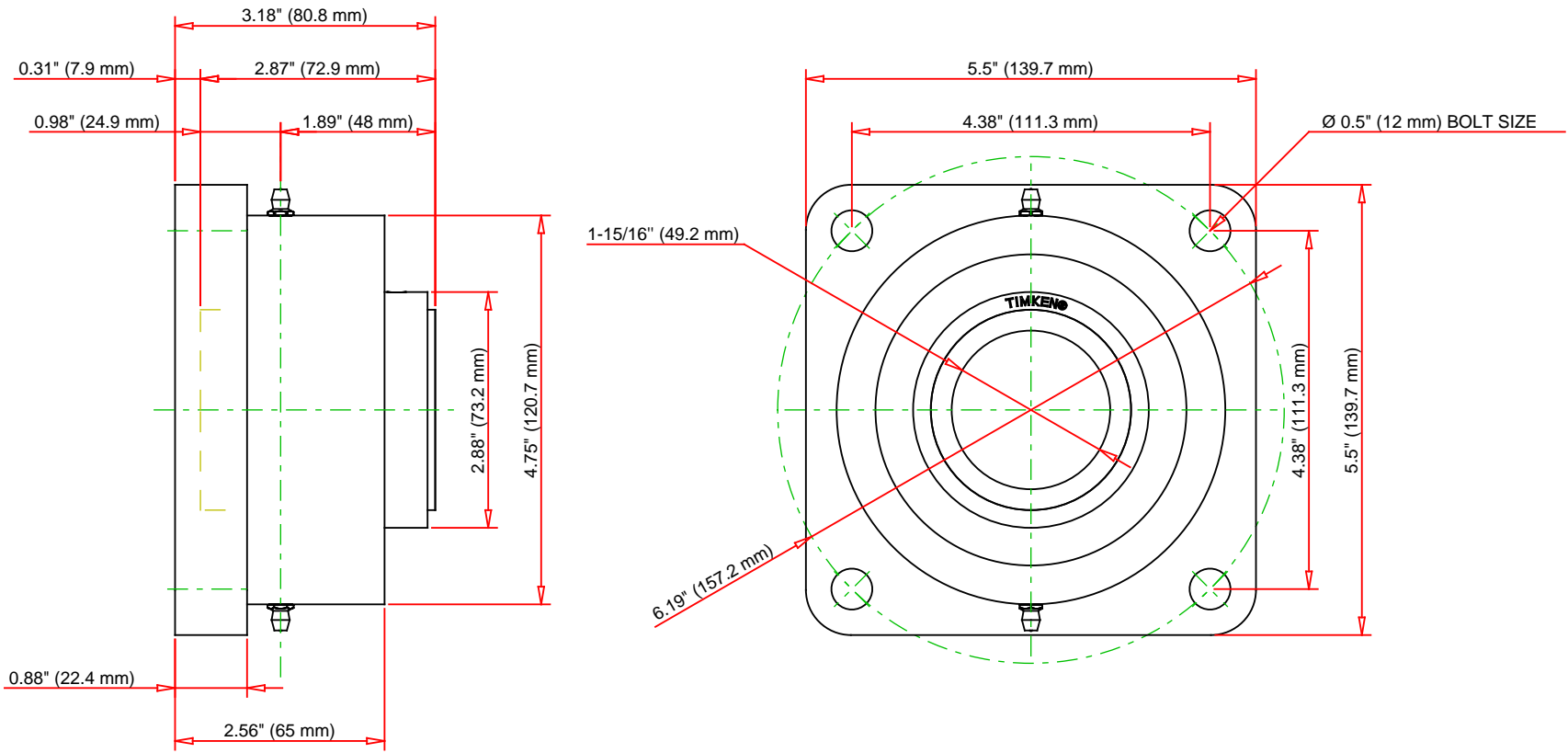
Engineering Internal Radial Clearance

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	11	lb	5	kg
Max. Speed T-Seals & Grease	3550	rpm		
Rad. Clearance - Max.	0.0026			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QAF10A115S

Single Concentric 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