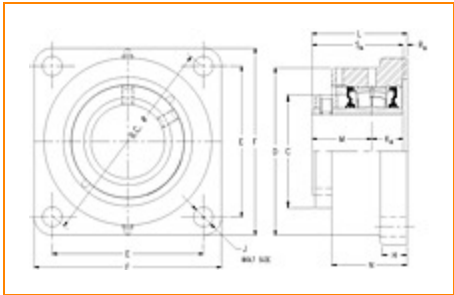




The Timken Company
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Part Number QAFL10A115S, Single Concentric Four Bolt Square Flange Block



[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	QAFL10A115SB QAFL10A115SC QAFL10A115SEB QAFL10A115SEC QAFL10A115SEM QAFL10A115SEN QAFL10A115SEO QAFL10A115SET QAFL10A115SM QAFL10A115SN QAFL10A115SO



	QAFL10A115ST
Locking Style	Single Concentric
Housing Construction	Four-Bolt Square Flange
UPC Code	0883450039505
	0883450039512
	0883450039536
	0883450039543
	0883450039550
	0883450039567
	0883450039574
	0883450039581
	0883450191289
	0883450191449
	0883450268646
	0883450268806

Dimensions

Dimension BC	5.75 in 146.1 mm
Dimension C	2.88 in 73.2 mm
Dimension D	4.75 in 120.7 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 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	2.46 in 62.5 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

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

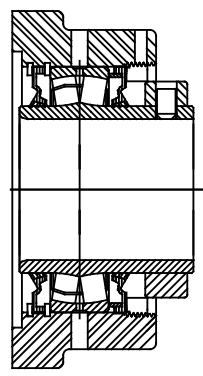
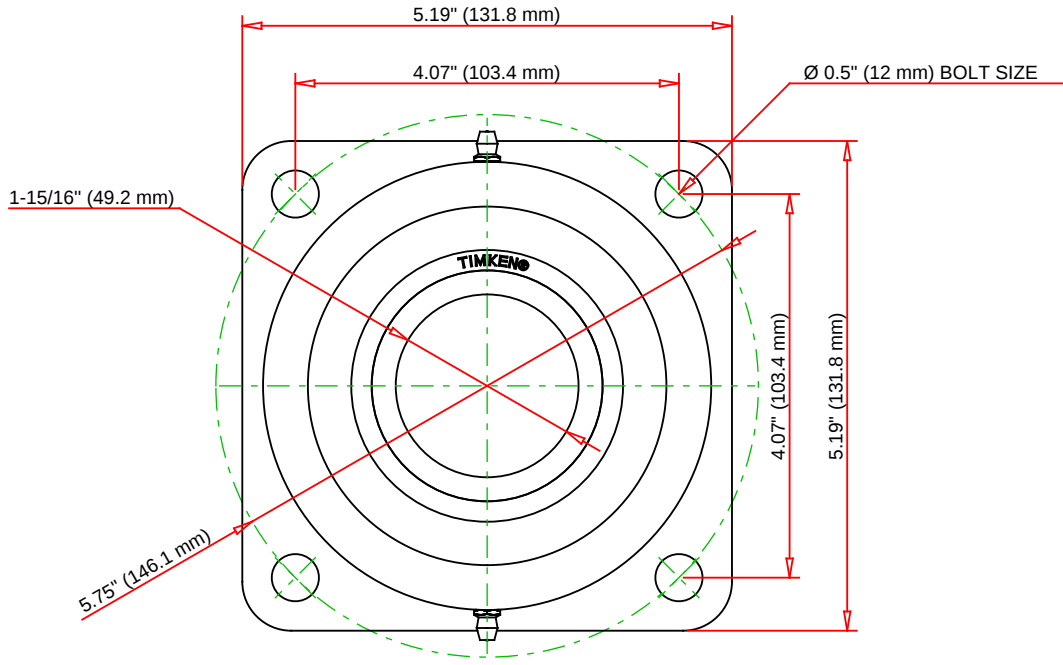
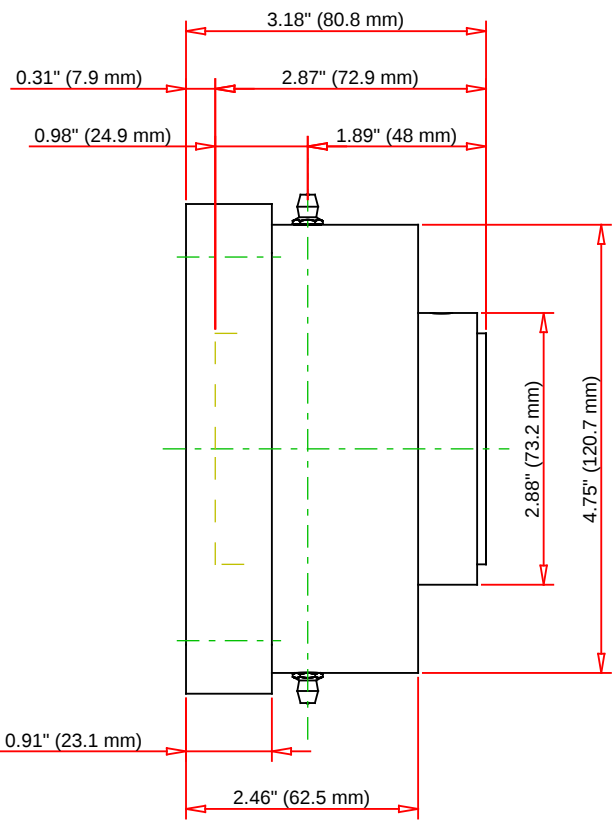
Engineering Internal Radial Clearance

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		QAFL10A115S Single Concentric Four Bolt Square Flange Block
	C0 - Static Load	26600	lbf	118000	N		
	Weight	11	lb	5	kg		
	Max. Speed T-Seals & Grease	3550	rpm		THE TIMKEN COMPANY NORTH CANTON, OHIO USA		
	Rad. Clearance - Max.	0.0026					

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