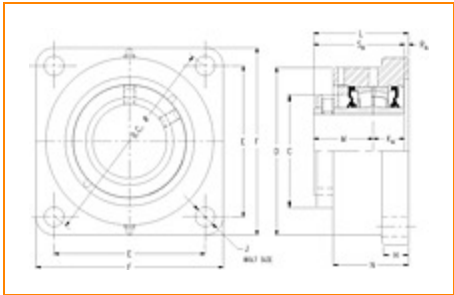




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Part Number QAF11A203S, Single Concentric Four Bolt Square Flange Block



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

Specifications	
Engineering Group	Mounted Bearing
Bearing Number	22211
Shaft Size	2 3/16 in
Shaft Size Type	Imperial
Full Timken Part Number	QAF11A203SB QAF11A203SC QAF11A203SEB QAF11A203SEC QAF11A203SEM QAF11A203SEN QAF11A203SEO QAF11A203SET QAF11A203SM QAF11A203SN QAF11A203SO



	QAF11A203ST
Locking Style	Single Concentric
Housing Construction	Four-Bolt Square Flange
UPC Code	0883450038102
	0883450038119
	0883450038133
	0883450038140
	0883450038157
	0883450038164
	0883450038171
	0883450038188
	0883450190657
	0883450190817
	0883450268011
	0883450268172

Dimensions

Dimension BC	6.89 in 175 mm
Dimension C	3.25 in 82.6 mm
Dimension D	5.13 in 130.3 mm
Dimension E	4.88 in 124 mm
Dimension F	6.19 in 157.2 mm
Dimension H	1 in 25.4 mm
Dimension J (Bolt Size)	0.625 in 16 mm
Dimension KA	1.13 in 28.7 mm

Dimension L Exp	3.35 in 85.1 mm
Dimension L Fix	3.27 in 83.1 mm
Dimension M	2 in 50.8 mm
Dimension N	2.63 in 66.8 mm
Dimension RA	0.15 in 3.8 mm
Dimension SA	3.13 in 79.5 mm

Radial and Thrust Factors

C0 - Static Load	31900 lbf 142000 N
C - Dynamic Load (Basic)	31400 lbf 140000 N
e - Geometry Factor	0.25
Y1 - Geometry Factor	2.74
Y2 - Geometry Factor	4.08

Engineering Seal Speed

Oil Lubrication - M/N Seal	2200 rpm
Oil Lubrication - T Seal	3800 rpm
Oil Lubrication - B/C/O Seal	1600 rpm
Grease Lubrication - M/N Seal	2200 rpm

Grease Lubrication - T Seal 3200 rpm

Grease Lubrication - B/C/O Seal 1600 rpm

Engineering Bearing Attributes

Float 0.050 in
1.270 mm

Shaft Tolerance 0.0015 in
0.038 mm

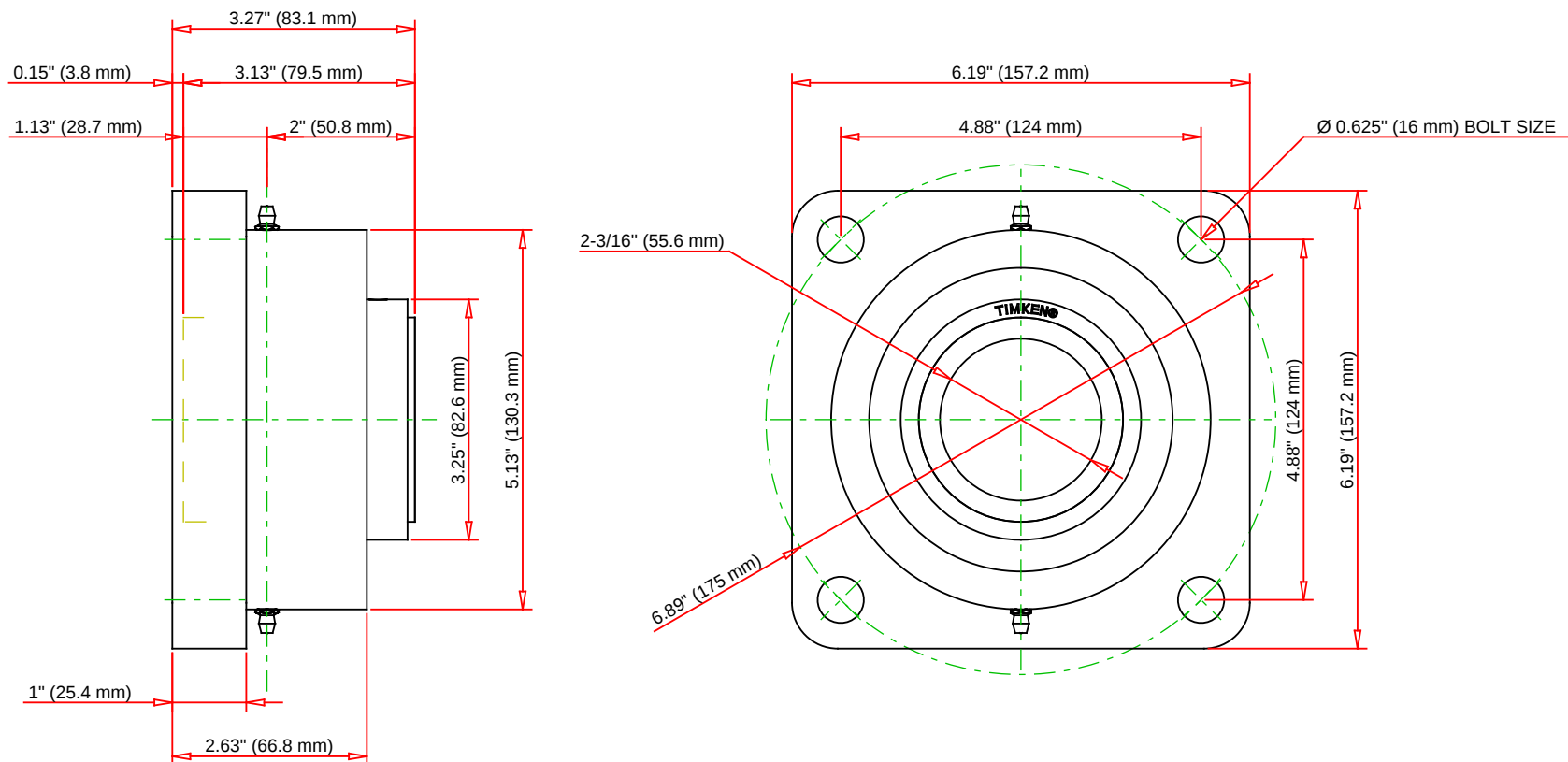
Engineering Internal Radial Clearance

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	31400	lbf	140000	N
C0 - Static Load	31900	lbf	142000	N
Weight	14	lb	6.4	kg
Max. Speed T-Seals & Grease	3200	rpm		
Rad. Clearance - Max.	0.0026			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QAF11A203S

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