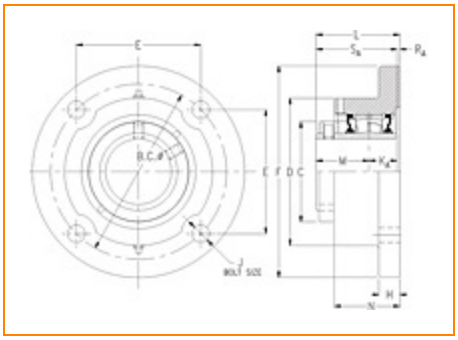
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number QAFY11A203S, Single Concentric Round 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	QAFY11A203SB QAFY11A203SC QAFY11A203SEB QAFY11A203SEC QAFY11A203SEM QAFY11A203SEN QAFY11A203SEO QAFY11A203SET QAFY11A203SM QAFY11A203SN QAFY11A203SO QAFY11A203ST

Locking Style	Single Concentric
Housing Construction	Round Flange
UPC Code	0883450041300 0883450041317 0883450041348 0883450041355 0883450041362 0883450041379 0883450041386 0883450191951 0883450192118 0883450192279 0883450269315 0883450269476

Dimensions

Dimension BC	6.38 in 162.1 mm
Dimension C	3.25 in 82.6 mm
Dimension D	5.13 in 130.3 mm
Dimension E	4.5 in 114.3 mm
Dimension F	7.7500 in 196.9 mm
Dimension H	0.75 in 19.1 mm
Dimension J (Bolt Size)	0.625 in 16 mm
Dimension KA	1.13 in 28.7 mm

Dimension L Exp	3.32 in 84.3 mm
Dimension L Fix	3.24 in 82.3 mm
Dimension M	2 in 50.8 mm
Dimension N	2.44 in 62 mm
Dimension RA	0.12 in 3 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	0.23
Y1 - Geometry Factor	2.95
Y2 - Geometry Factor	4.40

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

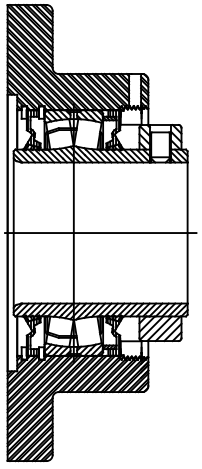
Grease Lubrication - T Seal	3200 rpm
Grease Lubrication - B/C/O Seal	1600 rpm

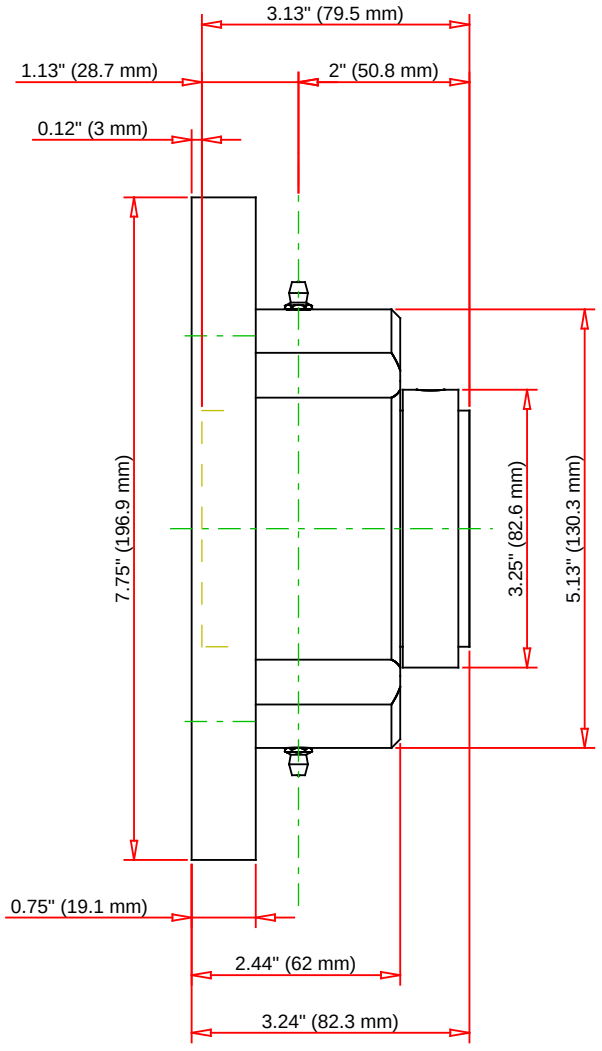
Engineering Bearing Attributes

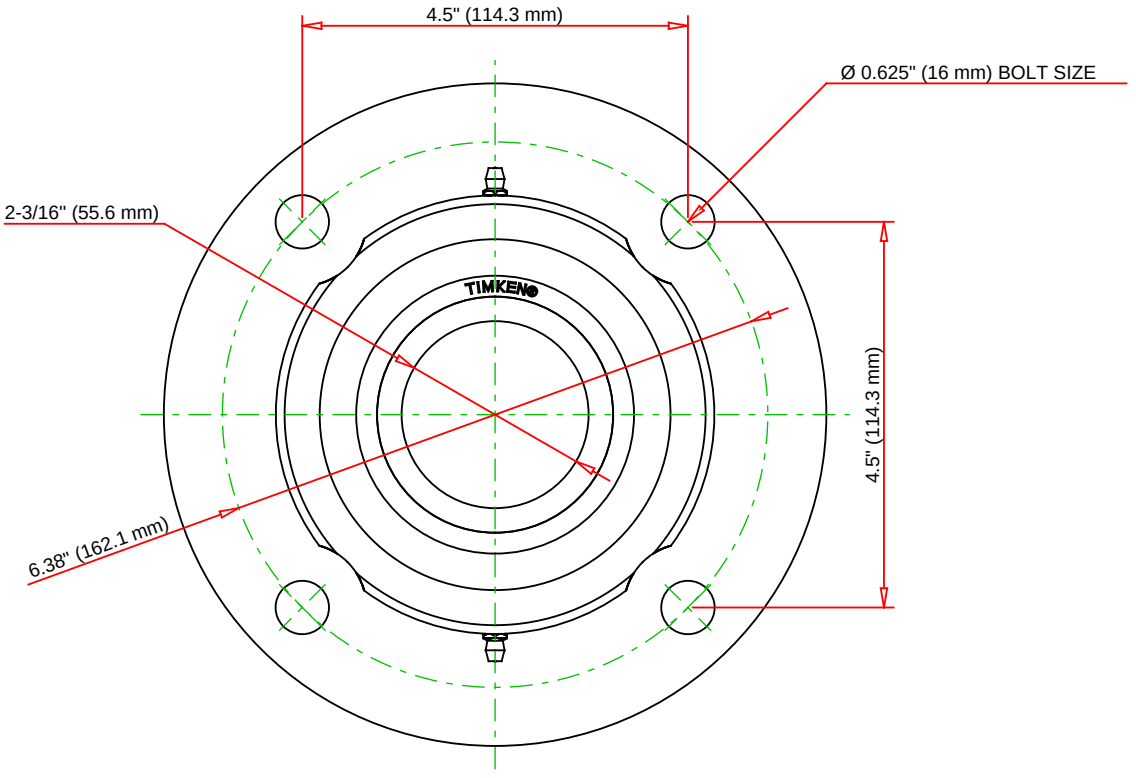
Float	0.050 in 1.270 mm
Shaft Tolerance	0.0015 in 0.038 mm

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	TIMKEN
C0 - Static Load	31900	lbf	142000	N	
Weight	15	lb	6.8	kg	
Max. Speed T-Seals & Grease	3200	rpm			THE TIMKEN COMPANY NORTH CANTON, OHIO USA
Rad. Clearance - Max.	0.0026				

QAFY11A203S

Single Concentric Round Flange Block

FOR DISCUSSION ONLY