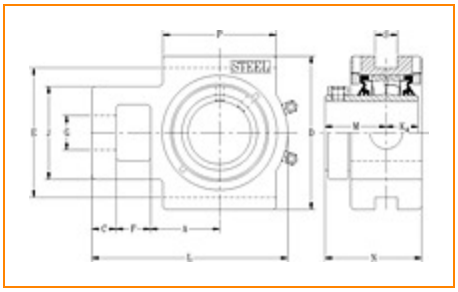
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number QATU11A203S, Single Concentric Take-Up 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	QATU11A203SB QATU11A203SC QATU11A203SEB QATU11A203SEC QATU11A203SEM QATU11A203SEN QATU11A203SEO QATU11A203SET QATU11A203SM QATU11A203SN QATU11A203SO

	QATU11A203ST
Locking Style	Single Concentric
Housing Construction	Take-Up
UPC Code	0883450049900 0883450049917 0883450049931 0883450049948 0883450049955 0883450049962 0883450049979 0883450049986 0883450195188 0883450195348 0883450272353 0883450272520

Dimensions

Dimension A1	2.38 in 60.5 mm
Dimension C	0.75 in 19.1 mm
Dimension D	5.25 in 133.4 mm
Dimension E	4-1/2 in 114.3 mm
Dimension F	1.13 in 28.7 mm
Dimension G	1.19 in 30.2 mm
Dimension J	3.5 in 88.9 mm
Dimension L	6.61 in 167.9 mm

Dimension KA	1.13 in 28.7 mm
Dimension M	2 in 50.8 mm
Dimension N	3.22 in 81.8 mm
Dimension P	3.75 in 95.3 mm
Dimension S	0.81 in 20.6 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

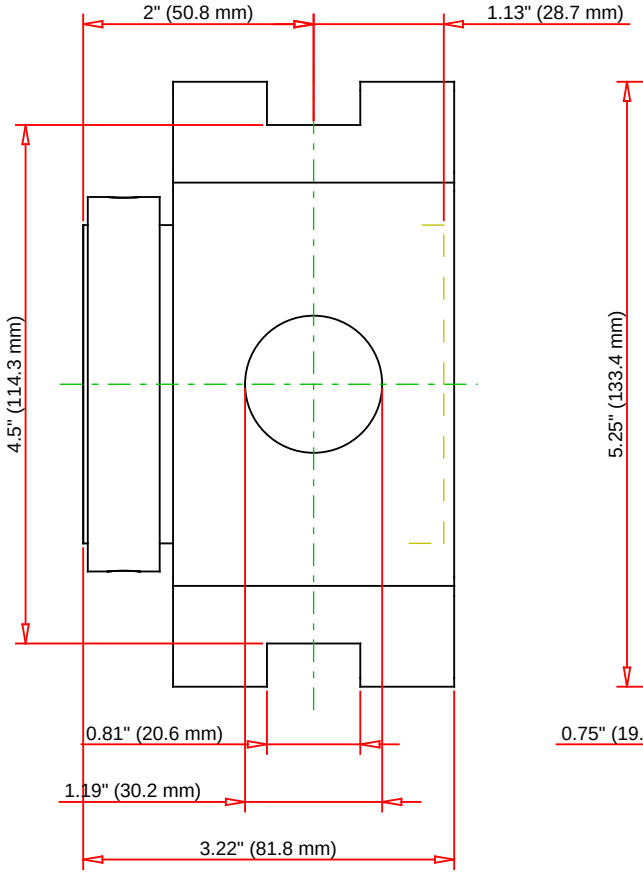
Oil Lubrication - M/N Seal	2200 rpm
Oil Lubrication - T Seal	3800 rpm
Oil Lubrication - B/C/O Seal	1600 rpm
Grease Lubrication - M/N Seal	2200 rpm
Grease Lubrication - T Seal	3200 rpm
Grease Lubrication - B/C/O Seal	1600 rpm

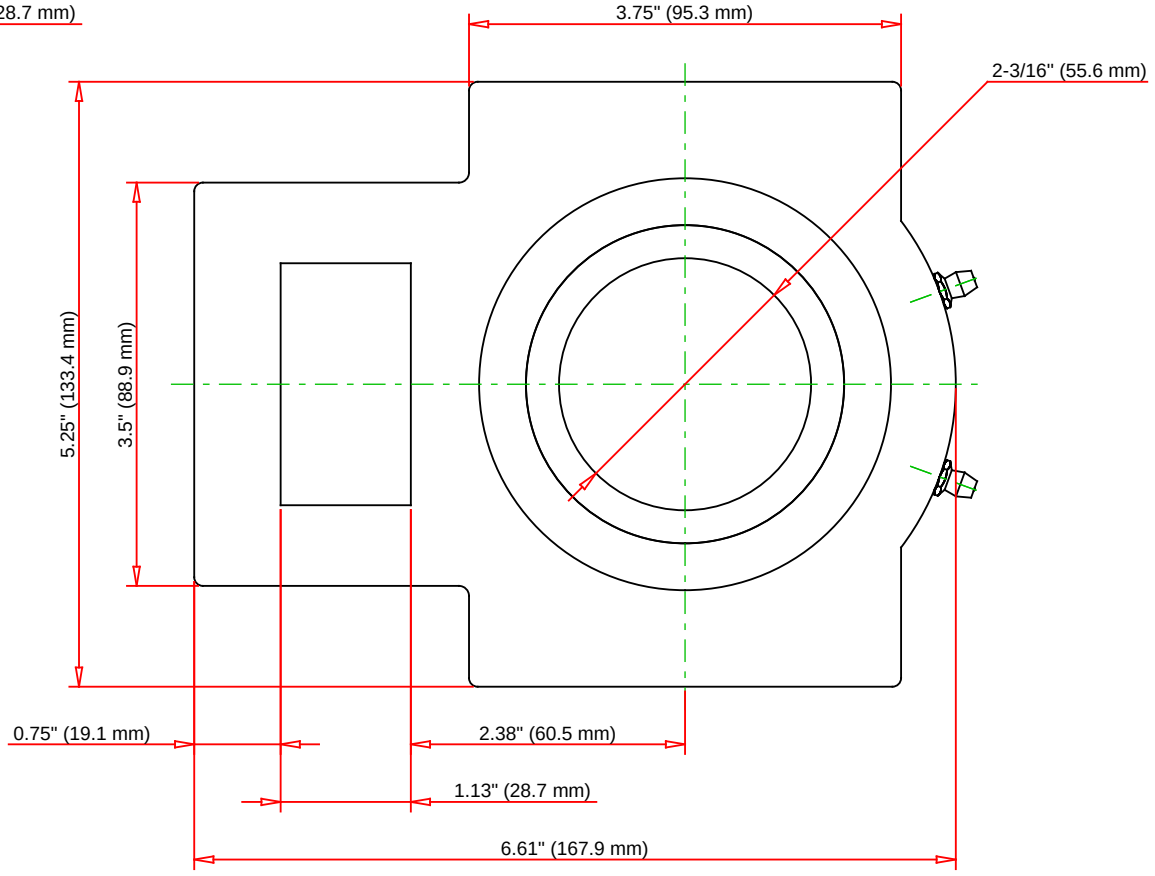
Engineering Bearing Attributes

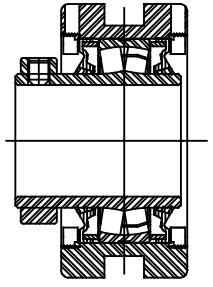
Float	0.050 in 1.270 mm
Shaft Tolerance	0.0015 in 0.038 mm

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	21	lb	9.5	kg	
Max. Speed T-Seals & Grease	3200	rpm			THE TIMKEN COMPANY NORTH CANTON, OHIO USA
Rad. Clearance - Max.	0.0026				

QATU11A203S

Single Concentric Take-Up 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