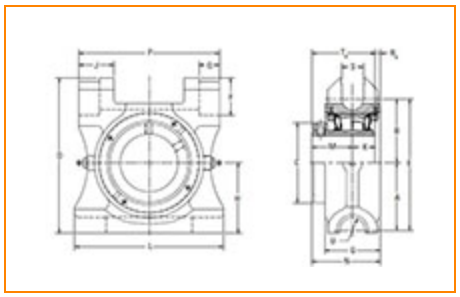
The Timken Company
4500 Mt Pleasant St. NW
N. Canton, OH 44720
Phone: (234) 262-3000
E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number QATP10A200S, Single Concentric Top Pull 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	22210
Shaft Size	2 in
Shaft Size Type	Imperial
Full Timken Part Number	QATP10A200SB QATP10A200SC QATP10A200SEB QATP10A200SEC QATP10A200SEM QATP10A200SEN QATP10A200SEO QATP10A200SET QATP10A200SM QATP10A200SN QATP10A200SO

	QATP10A200ST QATP10A200STNP
Locking Style	Single Concentric
Housing Construction	Top Pull Take-Up

Dimensions

Dimension A1	2.81 in 71.4 mm
Dimension B	2.38 in 60.5 mm
Dimension C	2.88 in 73 mm
Dimension D	6.44 in 163.6 mm
Dimension E	5.19 in 131.8 mm
Dimension F	1.66 in 42.2 mm
Dimension G	2.47 in 62.7 mm
Dimension H	3.06 in 77.8 mm
Dimension J	1.65 in 41.9 mm
Dimension K	0.98 in 25 mm
Dimension L	6-1/2 in 165.1 mm
Dimension M	1.89 in 48 mm

Dimension N	3.12 in 79.3 mm
Dimension P	6 in 152.4 mm
Dimension Q	0.81 in 20.6 mm
Dimension RA	0.25 in 6.3 mm
Dimension S	0.88 in 22.4 mm
Dimension TA	2.87 in 73 mm
Dimension U	0.81 in 20.6 mm

Radial and Thrust Factors

C0 - Static Load	26600 lbf 118000 N
C - Dynamic Load (Basic)	26300 lbf 117000 N
e - Geometry Factor	0.24
Y1 - Geometry Factor	2.84
Y2 - Geometry Factor	4.23

Engineering Seal Speed

Oil Lubrication - M/N Seal	2400 rpm
Oil Lubrication - T Seal	4200 rpm
Oil Lubrication - B/C/O Seal	1800 rpm

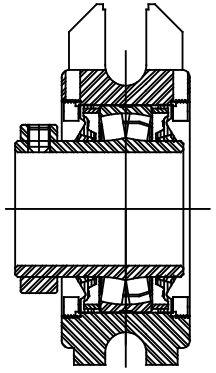
Grease Lubrication - M/N Seal	2400 rpm
Grease Lubrication - T Seal	3550 rpm
Grease Lubrication - B/C/O Seal	1800 rpm

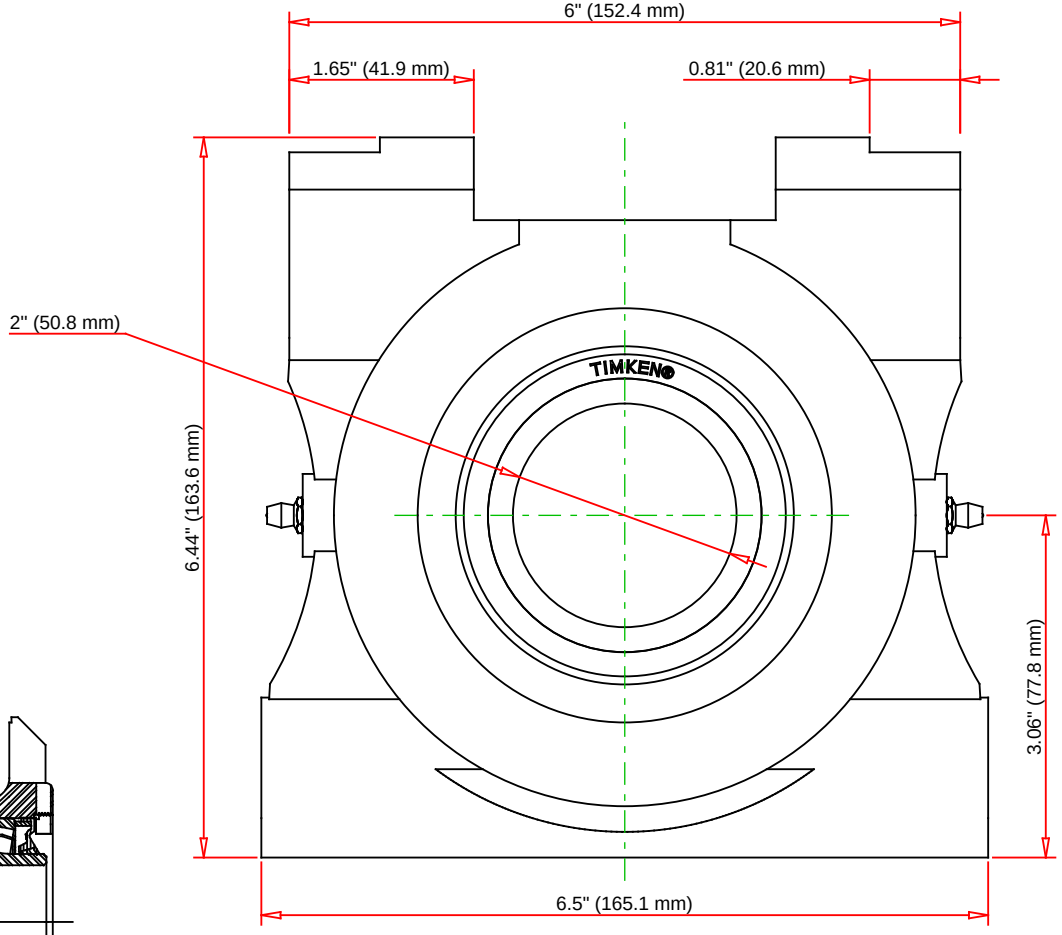
Engineering Bearing Attributes

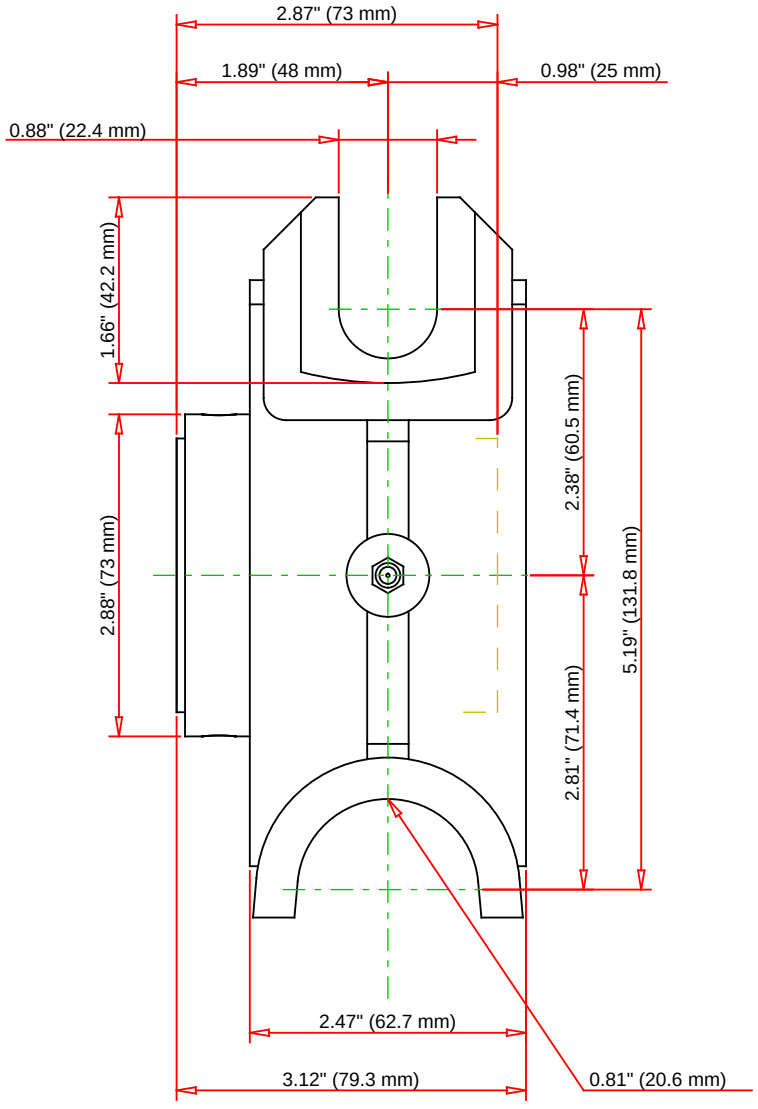
Float	0.050 in 1.270 mm
Shaft Tolerance	0.0015 in 0.038 mm

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	TIMKEN
C0 - Static Load	26600	lbf	118000	N	
Weight		lb		kg	THE TIMKEN COMPANY NORTH CANTON, OHIO USA
Max. Speed T-Seals & Grease	3550	rpm			
Rad. Clearance - Max.	0.0026				

QATP10A200S

Single Concentric Top Pull 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