



The Timken Company

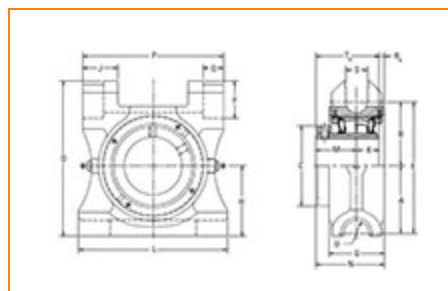
4500 Mt Pleasant St. NW

N. Canton, OH 44720

Phone: (234) 262-3000

E-Mail: CustomerCAD@timken.com • **Web site:** www.timken.com

Part Number QATP13A207S, 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 22213

Shaft Size 2 7/16 in

Shaft Size Type Imperial

Full Timken Part Number

- QATP13A207SB
- QATP13A207SC
- QATP13A207SEB
- QATP13A207SEC
- QATP13A207SEM
- QATP13A207SEN
- QATP13A207SEO
- QATP13A207SET
- QATP13A207SM
- QATP13A207SN
- QATP13A207SO



	QATP13A207ST
Locking Style	Single Concentric
Housing Construction	Top Pull Take-Up

Dimensions

Dimension A1	3.81 in 96.8 mm
Dimension B	3.33 in 84.6 mm
Dimension C	3.81 in 96.6 mm
Dimension D	8.28 in 210.3 mm
Dimension E	7.14 in 181.4 mm
Dimension F	1.88 in 47.8 mm
Dimension G	3.19 in 81 mm
Dimension H	3.84 in 97.5 mm
Dimension J	1.75 in 44.5 mm
Dimension K	1.24 in 31.5 mm
Dimension L	8-1/2 in 215.9 mm
Dimension M	2.15 in 54.6 mm

Dimension N	3.74 in 95 mm
Dimension P	8 in 203.2 mm
Dimension Q	1.06 in 26.9 mm
Dimension RA	0.35 in 9 mm
Dimension S	1.12 in 28.4 mm
Dimension TA	3.39 in 86 mm
Dimension U	0.81 in 20.6 mm

Radial and Thrust Factors

C0 - Static Load	48600 lbf 216000 N
C - Dynamic Load (Basic)	46400 lbf 206000 N
e - Geometry Factor	0.24
Y1 - Geometry Factor	2.79
Y2 - Geometry Factor	4.15

Engineering Seal Speed

Oil Lubrication - M/N Seal	1800 rpm
Oil Lubrication - T Seal	3200 rpm
Oil Lubrication - B/C/O Seal	1500 rpm

Grease Lubrication - M/N Seal 1800 rpm

Grease Lubrication - T Seal 2800 rpm

Grease Lubrication - B/C/O Seal 1500 rpm

Engineering Bearing Attributes

Float 0.08 in
2.03 mm

Shaft Tolerance 0.0015 in
0.038 mm

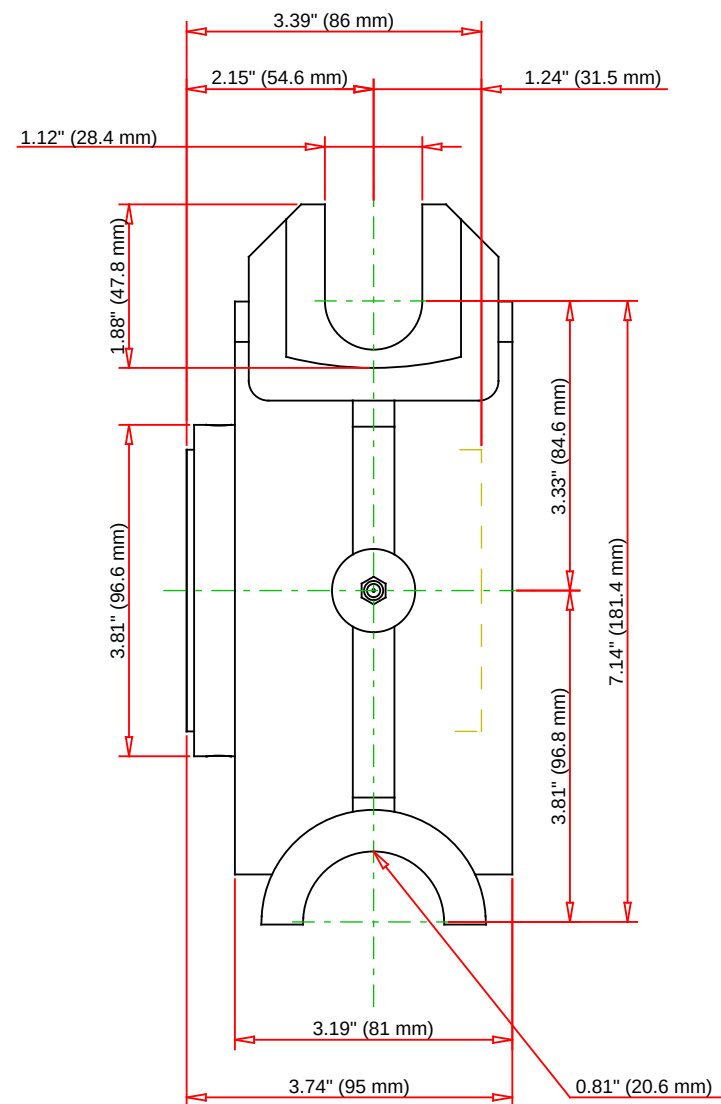
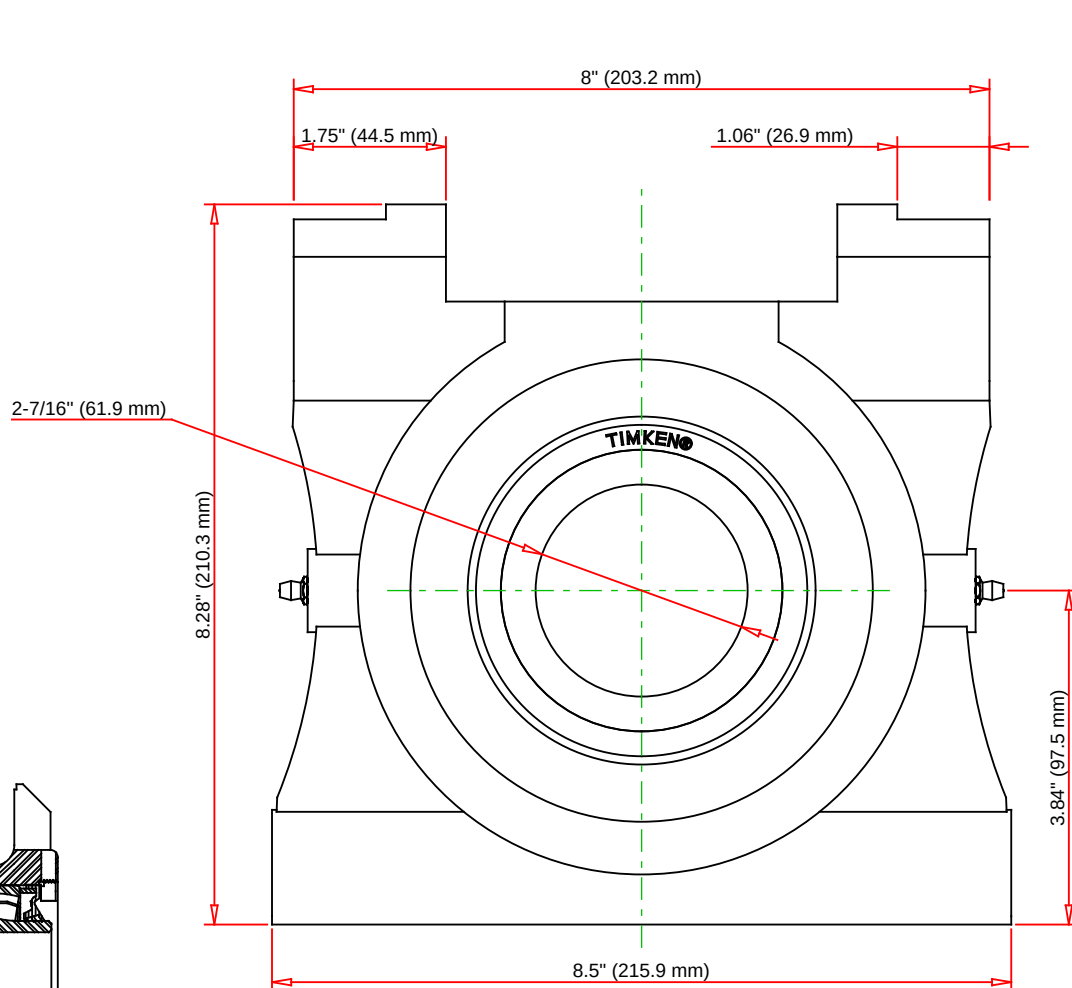
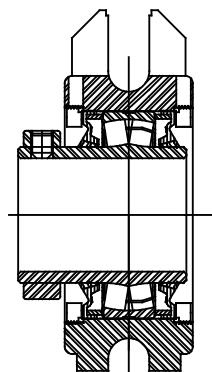
Engineering Internal Radial Clearance

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	46400	lbf	206000	N
C0 - Static Load	48600	lbf	216000	N
Weight		lb		kg
Max. Speed T-Seals & Grease	2800	rpm		
Rad. Clearance - Max.	0.0026			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QATP13A207S

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