



The Timken Company

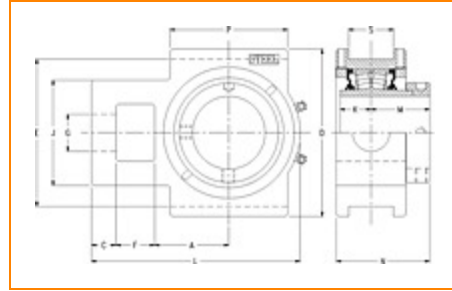
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Part Number QMTU20J315S, Eccentric Take-Up Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22220

Shaft Size 3 15/16 in

Shaft Size Type Imperial

Full Timken Part Number

- QMTU20J315SB
- QMTU20J315SC
- QMTU20J315SEB
- QMTU20J315SEC
- QMTU20J315SEM
- QMTU20J315SEN
- QMTU20J315SEO
- QMTU20J315SET
- QMTU20J315SM
- QMTU20J315SN
- QMTU20J315SO



QMTU20J315ST

Locking Style

Eccentric

Housing Construction

Take-Up

UPC Code

0883450104272
 0883450104289
 0883450104302
 0883450104319
 0883450104326
 0883450104333
 0883450104340
 0883450104357
 0883450169417
 0883450169790
 0883450260817
 0883450261135

Dimensions**Dimension A1**

4.13 in
 104.9 mm

Dimension C

1.13 in
 28.7 mm

Dimension D

9.44 in
 239.8 mm

Dimension E

8.63 in
 219.2 mm

Dimension F

2.13 in
 54.1 mm

Dimension G

2.06 in
 52.3 mm

Dimension J

5.63 in
 143 mm

Dimension L

11.69 in
 296.9 mm

Dimension K	1.63 in 41.4 mm
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Dimension M	2.97 in 75.4 mm
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Dimension N	4.74 in 120.4 mm
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Dimension P	7 in 177.8 mm
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Dimension S	2.06 in 52.3 mm
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Radial and Thrust Factors

C0 - Static Load	113000 lbf 502000 N
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C - Dynamic Load (Basic)	97700 lbf 435000 N
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e - Geometry Factor	0.24
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Y1 - Geometry Factor	2.85
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Y2 - Geometry Factor	4.24
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Engineering Seal Speed

Oil Lubrication - M/N Seal	1200 rpm
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Oil Lubrication - T Seal	2000 rpm
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Oil Lubrication - B/C/O Seal	900 rpm
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Grease Lubrication - M/N Seal	1200 rpm
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Grease Lubrication - T Seal	1600 rpm
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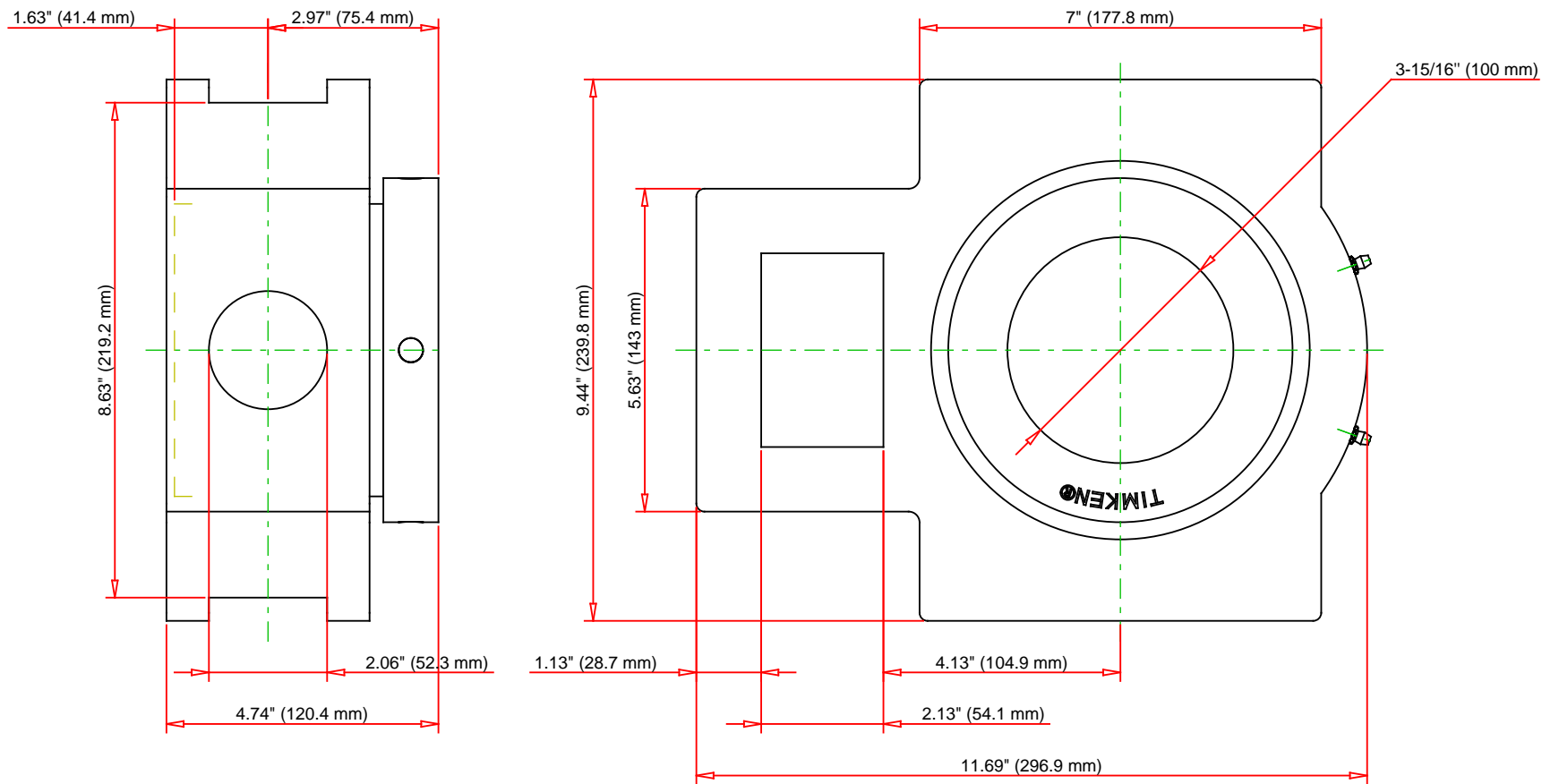
Grease Lubrication - B/C/O Seal	900 rpm
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Engineering Bearing Attributes

Float	0.08 in 2.03 mm
Shaft Tolerance	0.0030 in 0.076 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0030
Eng Internal Radial Clearance - Max	0.0047
Pre Install Clearance Min	0.0030 in 0.075 mm
Pre Install Clearance Max	0.0047 in 0.120 mm



Note: Section View not to Scale

C - Dynamic Load	97700	lbf	435000	N
C0 - Static Load	113000	lbf	502000	N
Weight	58	lb	26.3	kg
Max. Speed T-Seals & Grease	1600	rpm		
Rad. Clearance - Max.	0.0047			

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QMTU20J315S
Eccentric 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.

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