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## Part Number QMTP18J085S, Eccentric Top Pull Take-Up Block



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## Specifications

<b>Engineering Group</b>	Mounted Bearing
<b>Bearing Number</b>	22218
<b>Shaft Size</b>	85 mm
<b>Shaft Size Type</b>	Metric
<b>Full Timken Part Number</b>	QMTP18J085SB QMTP18J085SC QMTP18J085SEB QMTP18J085SEC QMTP18J085SEM QMTP18J085SEN QMTP18J085SEO QMTP18J085SET QMTP18J085SM QMTP18J085SN QMTP18J085SO



QMTP18J085ST

**Locking Style**

Eccentric

**Housing Construction**

Top Pull Take-Up

**Dimensions****Dimension A1**4.32 in  
109.7 mm**Dimension B**4.09 in  
103.9 mm**Dimension C**4.76 in  
121 mm**Dimension D**9.94 in  
252.5 mm**Dimension E**8.41 in  
213.6 mm**Dimension F**2.41 in  
61.3 mm**Dimension G**3.54 in  
90 mm**Dimension H**4.5 in  
114.3 mm**Dimension J**2.25 in  
57.1 mm**Dimension K**1.43 in  
36.3 mm**Dimension L**9-1/2 in  
241.3 mm**Dimension M**2.59 in  
65.8 mm

<b>Dimension N</b>	4.37 in 110.9 mm
<b>Dimension P</b>	9 in 228.6 mm
<b>Dimension Q</b>	1.31 in 33.3 mm
<b>Dimension R</b>	0.35 in 8.8 mm
<b>Dimension S</b>	1.38 in 35.1 mm
<b>Dimension T</b>	4.02 in 102.1 mm
<b>Dimension U</b>	0.81 in 20.6 mm

### Radial and Thrust Factors

<b>C0 - Static Load</b>	87200 lbf 388000 N
<b>C - Dynamic Load (Basic)</b>	79700 lbf 355000 N
<b>e - Geometry Factor</b>	0.23
<b>Y1 - Geometry Factor</b>	2.90
<b>Y2 - Geometry Factor</b>	4.31

### Engineering Seal Speed

<b>Oil Lubrication - M/N Seal</b>	1400 rpm
<b>Oil Lubrication - T Seal</b>	2400 rpm
<b>Oil Lubrication - B/C/O Seal</b>	1000 rpm

<b>Grease Lubrication - M/N Seal</b>	1400 rpm
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<b>Grease Lubrication - T Seal</b>	2000 rpm
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<b>Grease Lubrication - B/C/O Seal</b>	1000 rpm
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### Engineering Bearing Attributes

<b>Float</b>	0.08 in 2.03 mm
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<b>Shaft Tolerance</b>	0.0030 in 0.076 mm
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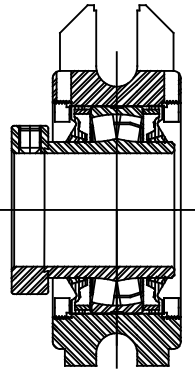
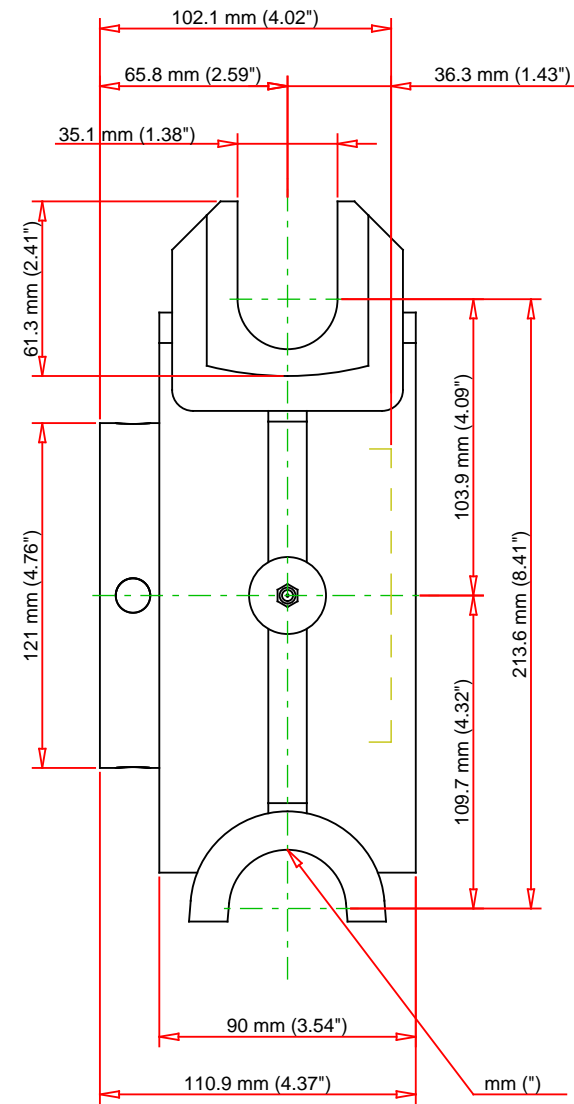
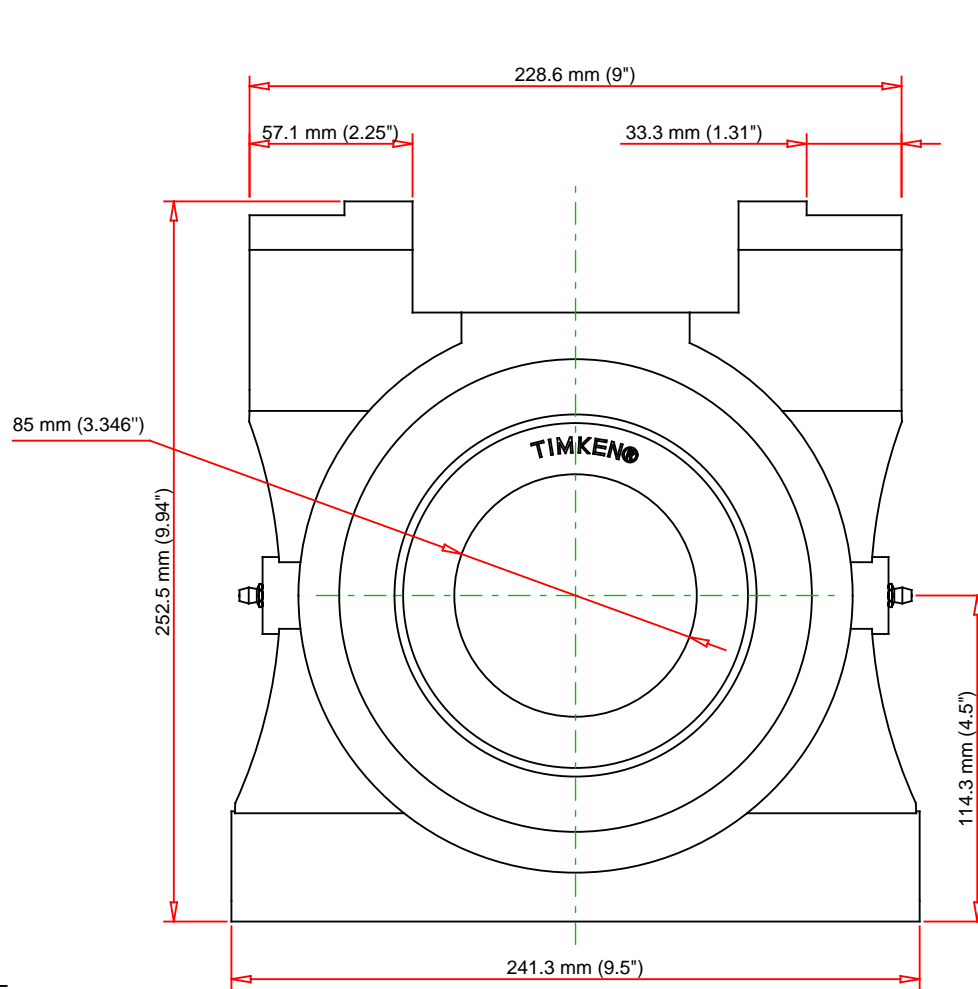
### Engineering Internal Radial Clearance

<b>Eng Internal Radial Clearance - Min</b>	0.0024
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<b>Eng Internal Radial Clearance - Max</b>	0.0039
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<b>Pre Install Clearance Min</b>	0.0024 in 0.060 mm
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<b>Pre Install Clearance Max</b>	0.0039 in 0.100 mm
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Note: Section View not to Scale

C - Dynamic Load	79700	lbf	355000	N
C0 - Static Load	87200	lbf	388000	N
Weight		lb		kg
Max. Speed T-Seals & Grease	2000	rpm		
Rad. Clearance - Max.	0.0039			

**TIMKEN**

THE TIMKEN COMPANY  
NORTH CANTON, OHIO USA

**QMTP18J085S**

Eccentric 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**