



# OLIE BEARING COMPANY



## Timken E-TU-TRB-2 7/16 Take-Up Roller Bearing Units

Bearing No. E-TU-TRB-2 7/16

E-TU-TRB-2 7/16 Bearing 2D drawings and 3D CAD models

Category	Take Up Unit Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	9.53
EAN	0053893551180
Product Group	M06288
Component Description	Take Up Bearing Only
Rolling Element	Tapered Roller Bearing
Housing Style	Unit Only
Mounting Method	Concentric Collar
Compatible Take Up Frame	Not Specified
Adjustment Travel Length	0
Housing Material	Cast Iron
Other Features	Double Row   Double Collar   Wide Slot   Two Lip Seal   Electrodeposition Coating   With Set Screw
Inch - Metric	Inch
Long Description	Take Up Bearing Only; 2-7/16" Bore; 1-1/16" Slot Width; 5-1/8" Slot to Slot Distance; Tapered Roller Bearing; Unit Only; Concentric Collar Mount; Cast Iron Housing Material
Category	Take Up Units
UNSPSC	31171533



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Harmonized Tariff Code	8483.20.40.80
Noun	Bearing
Keyword String	Take Up
Manufacturer URL	<a href="http://www.timken.com">http://www.timken.com</a>
Weight / LBS	21
d	2.438 Inch   61.925 Millimeter
Slot to Slot Distance	5.125 Inch   130.175 Millimeter
Slot Width	1.063 Inch   27 Millimeter
Shaft Size	2.4375 in
Shaft Size Type	Imperial
Weight	21.0 lb
UPC Code	053893551180
Dimension B	4 in
Dimension L	7-13/16 in
Dimension A <sub>1</sub>	1-1/16 in
Dimension L <sub>3</sub>	4-1/2 in
Dimension L <sub>1</sub>	5-1/16 in
Dimension N	1-3/8 in
Dimension L <sub>2</sub>	1-1/16 in
Dimension N <sub>1</sub>	1-1/4 in
Dimension H <sub>2</sub>	4-15/16 in
Dimension N <sub>2</sub>	2-1/2 in
Dimension d <sub>1</sub>	4-1/16 in
Dimension H <sub>1</sub>	5-1/8 in
Dimension H	6 in
Dimension A <sub>2</sub>	2-3/4 in
e	0.40
X (if $F_a/F_r \leq e$ )	0.87
Y (if $F_a/F_r \leq e$ )	2.17
X (if $F_a/F_r > e$ )	0.7
Y (if $F_a/F_r > e$ )	2.63



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K Factor	1.51
$C_{90}$ Dynamic Load Rating <sup>1</sup>	11600 lb
$C_0$ Static Load Rating	54000 lb
$F_{a-max}$ Maximum Permissible Thrust Load <sup>2</sup>	3454 lb
$F_{r-max}$ Maximum Allowable Slip Fit Radial Load <sup>3</sup>	9500 lb
Max. Speed <sup>4</sup>	2420 rpm
Note	Note: All units have a 1/8 pipe thread grease fitting The Maximum Permissible Thrust Load applies to conditions of slip fit with set screw mounting or in applications where a large moment loading occur