



# OLIE BEARING COMPANY



## Timken E-TTU-TRB-3 1/4 Take-Up Roller Bearing Units

Bearing No. E-TTU-TRB-3 1/4

E-TTU-TRB-3 1/4 Bearing 2D drawings and 3D CAD models

Category	Take Up Unit Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	20.68
EAN	0053893778457
Product Group	M06288
Component Description	Take Up Bearing Only
Rolling Element	Tapered Roller Bearing
Housing Style	Unit Only - Half Round Top Angle
Mounting Method	Concentric Collar
Compatible Take Up Frame	Not Specified
Adjustment Travel Length	0
Housing Material	Cast Iron
Other Features	Double Row   Double Collar   Two Lip Seal   Electrodeposition Coating   With Set Screw
Inch - Metric	Inch
Long Description	Take Up Bearing Only; 3-1/4" Bore; Tapered Roller Bearing; Unit Only - Half Round Top Angle; 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>
Manufacturer Item Number	E-TTU-TRB-3 1/4
Weight / LBS	45.54
Slot Width	0 Inch   0 Millimeter
Slot to Slot Distance	0 Inch   0 Millimeter
d	3.25 Inch   82.55 Millimeter
Shaft Size	3.25 in
Shaft Size Type	Imperial
Weight	43 lb
UPC Code	053893778457
Dimension B	5 in
Dimension H	9-5/8 in
Dimension H <sub>1</sub>	8-5/16 in
Dimension H2	4.05 in
Dimension d <sub>1</sub>	5-17/32 in
Dimension A	2-1/2 in
Dimension A <sub>1</sub>	2-1/2 in
Housing Width	3-1/2 in
Dimension L	9-1/2 in
Dimension L <sub>1</sub>	9 in
Dimension L2	4.46 in
e	0.50
X (if $F_a/F_r \leq e$ )	0.87
Y (if $F_a/F_r \leq e$ )	1.71
X (if $F_a/F_r > e$ )	0.7
Y (if $F_a/F_r > e$ )	2.07
K Factor	1.19
C <sub>90</sub> Dynamic Load Rating <sup>1</sup>	19600 lb
C <sub>0</sub> Static Load Rating	108600 lb



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$F_{a-max}$ Maximum Permissible Thrust Load <sup>2</sup>	5181 lb
$F_{r-max}$ Maximum Allowable Slip Fit Radial Load <sup>3</sup>	16000 lb
Max. Speed <sup>4</sup>	1640 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