



# OLIE BEARING COMPANY



## Timken E-TU-TRB-70MM Take-Up Roller Bearing Units

Bearing No. E-TU-TRB-70MM

E-TU-TRB-70MM Bearing 2D drawings and 3D CAD models

Category	Take Up Unit Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	14.411
EAN	0053893534725
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	Metric
Long Description	Take Up Bearing Only; 70MM Bore; 46.02MM Slot Width; 150.8MM 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	30
d	2.756 Inch   70 Millimeter
Slot Width	1.812 Inch   46.02 Millimeter
Slot to Slot Distance	5.937 Inch   150.8 Millimeter
Shaft Size	2.756 in
Shaft Size Type	Metric
Weight	30 lb
UPC Code	053893534725
Dimension B	4-1/2 in
Dimension L	9-3/16 in
Dimension A <sub>1</sub>	1-13/16 in
Dimension L <sub>3</sub>	4-3/4 in
Dimension L <sub>1</sub>	5-7/8 in
Dimension N	1-11/16 in
Dimension L <sub>2</sub>	1-1/8 in
Dimension N <sub>1</sub>	1-1/2 in
Dimension H <sub>2</sub>	4-15/16 in
Dimension N <sub>2</sub>	2-3/4 in
Dimension d <sub>1</sub>	4-23/32 in
Dimension H <sub>1</sub>	5-15/16 in
Dimension H	6-3/4 in
Dimension A <sub>2</sub>	3 in
e	0.46
X (if $F_a/F_r \leq e$ )	0.87
Y (if $F_a/F_r \leq e$ )	1.87
X (if $F_a/F_r > e$ )	0.7
Y (if $F_a/F_r > e$ )	2.26



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K Factor	1.30
$C_{90}$ Dynamic Load Rating <sup>1</sup>	12300 lb
$C_0$ Static Load Rating	61200 lb
$F_{a-max}$ Maximum Permissible Thrust Load <sup>2</sup>	5181 lb
$F_{r-max}$ Maximum Allowable Slip Fit Radial Load <sup>3</sup>	10000 lb
Max. Speed <sup>4</sup>	2060 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