



OLIE BEARING COMPANY



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

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

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

Category	Take Up Unit Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	6.201
EAN	0053893537863
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; 1-3/4" Bore; 11/16" Slot Width; 4" 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	http://www.timken.com
Weight / LBS	12
Slot to Slot Distance	4 Inch 101.6 Millimeter
Slot Width	0.688 Inch 17.475 Millimeter
d	1.75 Inch 44.45 Millimeter
Shaft Size	1.75 in
Shaft Size Type	Imperial
Weight	12 lb
UPC Code	053893537863
Dimension B	3-1/2 in
Dimension L	6-5/16 in
Dimension A ₁	11/16 in
Dimension L ₃	3-3/4 in
Dimension L ₁	3-15/16 in
Dimension N	1-1/8 in
Dimension L ₂	15/16 in
Dimension N ₁	3/4 in
Dimension H ₂	3-5/16 in
Dimension N ₂	1-15/16 in
Dimension d ₁	3-7/16 in
Dimension H ₁	4 in
Dimension H	4-3/4 in
Dimension A ₂	2-7/16 in
e	0.33
X (if $F_a/F_r \leq e$)	0.87
Y (if $F_a/F_r \leq e$)	2.64
X (if $F_a/F_r > e$)	0.7
Y (if $F_a/F_r > e$)	3.18
K Factor	1.83



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C_{90} Dynamic Load Rating ¹	10300 lb
C_0 Static Load Rating	43000 lb
F_{a-max} Maximum Permissible Thrust Load ²	2590 lb
F_{r-max} Maximum Allowable Slip Fit Radial Load ³	8400 lb
Max. Speed ⁴	3050 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