



TIMKEN BEARINGS TRAINING INDUSTRY



E-TU-TRB-45MM Bearing 2D drawings and 3D CAD models

TIMKEN E-TU-TRB-45MM Take Up Unit Bearings

Bearing No. E-TU-TRB-45MM

Category	Take Up Unit Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	6.173
EAN	0053893550374
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; 45MM Bore; 17.46MM Slot Width; 101.6MM 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
d	1.772 Inch 45 Millimeter
Slot Width	0.687 Inch 17.46 Millimeter
Slot to Slot Distance	4 Inch 101.6 Millimeter
Shaft Size	1.772 in
Shaft Size Type	Metric
Weight	12 lb
UPC Code	053893550374
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



TIMKEN BEARINGS TRAINING INDUSTRY

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