



Machinery Parts Bearing Co., Ltd.



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

TIMKEN E-TU-TRB-3 Take Up Unit Bearings

Bearing No. E-TU-TRB-3

Category	Take Up Unit Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	13.62
EAN	0053893534695
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; 3" Bore; 1-13/16" Slot Width; 5-15/16" Slot to Slot Distance; Tapered Roller Bearing; Unit Only; Concentric Collar Mount; Cast Iron Housing Material
Category	Take Up Units
UNSPSC	31171533
Harmonized Tariff Code	8483.20.40.80



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Noun	Bearing
Keyword String	Take Up
Manufacturer URL	http://www.timken.com
Weight / LBS	30
Slot to Slot Distance	5.938 Inch 150.825 Millimeter
d	3 Inch 76.2 Millimeter
Slot Width	1.813 Inch 46.05 Millimeter
Shaft Size	3 in
Shaft Size Type	Imperial
Weight	30 lb
UPC Code	053893534695
Dimension B	4-1/2 in
Dimension L	9-3/16 in
Dimension A ₁	1-13/16 in
Dimension L ₃	4-3/4 in
Dimension L ₁	5-7/8 in
Dimension N	1-11/16 in
Dimension L ₂	1-1/8 in
Dimension N ₁	1-1/2 in
Dimension H ₂	4-15/16 in
Dimension N ₂	2-3/4 in
Dimension d ₁	4-23/32 in
Dimension H ₁	5-15/16 in
Dimension H	6-3/4 in
Dimension A ₂	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
K Factor	1.30



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C_{90} Dynamic Load Rating ¹	12300 lb
C_0 Static Load Rating	61200 lb
F_{a-max} Maximum Permissible Thrust Load ²	5181 lb
F_{r-max} Maximum Allowable Slip Fit Radial Load ³	10000 lb
Max. Speed ⁴	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