



OLIE BEARING COMPANY



Timken E-TTU-TRB-3 Take-Up Roller Bearing Units

Bearing No. E-TTU-TRB-3

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

Category	Take Up Unit Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	12.64
EAN	0053893778242
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" 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	http://www.timken.com
Manufacturer Item Number	E-TTU-TRB-3
Weight / LBS	27.85
d	3 Inch 76.2 Millimeter
Slot Width	0 Inch 0 Millimeter
Slot to Slot Distance	0 Inch 0 Millimeter
Shaft Size	3 in
Shaft Size Type	Imperial
Weight	29 lb
UPC Code	053893778242
Dimension B	4-1/2 in
Dimension H	8-5/16 in
Dimension H ₁	7-3/16 in
Dimension H2	3.48 in
Dimension d ₁	4-23/32 in
Dimension A	2-1/4 in
Dimension A ₁	2-1/4 in
Housing Width	3 in
Dimension L	8-1/2 in
Dimension L ₁	8 in
Dimension L2	4.46 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
C ₉₀ Dynamic Load Rating ¹	12300 lb
C ₀ Static Load Rating	61200 lb



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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