



OLIE BEARING COMPANY



Timken E-TTU-TRB-2 1/2 Take-Up Roller Bearing Units

Bearing No. E-TTU-TRB-2 1/2

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

Category	Take Up Unit Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	9.53
EAN	0053893778693
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; 2-1/2" 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-2 1/2
Weight / LBS	21
Slot to Slot Distance	0 Inch 0 Millimeter
d	2.5 Inch 63.5 Millimeter
Slot Width	0 Inch 0 Millimeter
Shaft Size	2.5 in
Shaft Size Type	Imperial
Weight	21.0 lb
UPC Code	053893778693
Dimension B	4 in
Dimension H	7-7/16 in
Dimension H ₁	6-1/4 in
Dimension H2	3.05 in
Dimension d ₁	4-1/16 in
Dimension A	2 in
Dimension A ₁	2 in
Housing Width	3 in
Dimension L	7-1/2 in
Dimension L ₁	7 in
Dimension L2	3.46 in
e	0.40
X (if $F_a/F_r \leq e$)	0.87
Y (if $F_a/F_r \leq e$)	2.17
X (if $F_a/F_r > e$)	0.7
Y (if $F_a/F_r > e$)	2.63
K Factor	1.51
C ₉₀ Dynamic Load Rating ¹	11600 lb
C ₀ Static Load Rating	54000 lb



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F_{a-max} Maximum Permissible Thrust Load ²	3454 lb
F_{r-max} Maximum Allowable Slip Fit Radial Load ³	9500 lb
Max. Speed ⁴	2420 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