



BEARING DRIVESHAFT, INC.

TIMKEN E-4BF-TRB-3 15/16 Flange Block Bearings



Bearing No. E-4BF-TRB-3 15/16

E-4BF-TRB-3 15/16 Bearing 2D drawings and 3D CAD models

Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	34.05
EAN	0053893540757
Product Group	M06288
Number of Mounting Holes	4
Mounting Method	Concentric Collar
Housing Style	4 Bolt Square Flange Block
Rolling Element	Tapered Roller Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	7/8 Inch
Relubricatable	Yes
Seals	Double Lip Radial
Housing Configuration	1 Piece Solid
Pilot Configuration	No Pilot
Inch - Metric	Inch
Long Description	4 Bolt Square Flange Block; 3-15/16" Bore; 11" Bolt Circle; 7-3/4" Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 6-1/4" Length Thru Bore;
Other Features	Double Row Wide Inner Race With Set Screw



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Category	Flange Block
UNSPSC	31171501
Harmonized Tariff Code	8483.20.40.80
Noun	Bearing
Keyword String	Flanged
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	E-4BF-TRB-3 15/16
Weight / LBS	75
Cartridge Pilot Depth	0 Inch 0 Millimeter
Nominal Bolt Circle Diameter Round	11 Inch 279.4 Millimeter
d	3.938 Inch 100.025 Millimeter
Bolt Spacing	7.75 Inch 196.85 Millimeter
D	6.25 Inch 158.75 Millimeter
Cartridge Pilot Diameter	0 Inch 0 Millimeter
Shaft Size	3.9375 in
Shaft Size Type	Imperial
Weight	75 lb
UPC Code	053893540757
Dimension B	6-1/4 in
Dimension L	10-1/4 in
Dimension A	5-5/8 in
Dimension J	7-3/4 in
Dimension A ₂	1/4 in
Bolt Diameter	7/8 in
Dimension A ₁	2-1/8 in
Dimension D ¹	8-1/4 in
Dimension d ₁	6-1/16 in
e	0.49
X (if F _a /F _r ≤ e)	0.87



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Y (if $F_a/F_r \leq e$)	1.77
X (if $F_a/F_r > e$)	0.7
Y (if $F_a/F_r > e$)	2.14
K Factor	1.23
C_{90} Dynamic Load Rating ²	26900 lb
C_0 Static Load Rating	154000 lb
F_{a-max} Maximum Permissible Thrust Load ³	6908 lb
F_{r-max} Maximum Allowable Slip Fit Radial Load ⁴	22000 lb
Max. Speed ⁵	1530 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