



BEARING MEXICO, S.A. DE C.V.



TIMKEN E-4BF-TRB-1 3/4 Flange Block Bearings

Bearing No. E-4BF-TRB-1 3/4

E-4BF-TRB-1 3/4 Bearing 2D drawings and 3D CAD models

Category	Flange Block Bearings
Inventory	20.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	5.91
EAN	0053893534398
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	1/2 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; 1-3/4" Bore; 6.2" Bolt Circle; 4-3/8" Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 3-1/2" 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-1 3/4
Weight / LBS	12
Nominal Bolt Circle Diameter Round	6.2 Inch 157 Millimeter
Cartridge Pilot Diameter	0 Inch 0 Millimeter
Cartridge Pilot Depth	0 Inch 0 Millimeter
Bolt Spacing	4.375 Inch 111.13 Millimeter
d	1.75 Inch 44.45 Millimeter
D	3.5 Inch 88.9 Millimeter
Shaft Size	1.75 in
Shaft Size Type	Imperial
Weight	12 lb
UPC Code	053893534398
Dimension B	3-1/2 in
Dimension L	5-5/8 in
Dimension A	3-3/32 in
Dimension J	4-3/8 in
Dimension A ₂	1/8 in
Bolt Diameter	1/2 in
Dimension A ₁	1-3/16 in
Dimension D ¹	4-7/16 in
Dimension d ₁	3-7/16 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



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Y (if $F_a/F_r > e$)	3.18
K Factor	1.83
C_{90} Dynamic Load Rating ²	10300 lb
C_0 Static Load Rating	43000 lb
F_{a-max} Maximum Permissible Thrust Load ³	2590 lb
F_{r-max} Maximum Allowable Slip Fit Radial Load ⁴	8400 lb
Max. Speed ⁵	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