



TIMKEN BEARING MFG.CORP



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

TIMKEN E-4BF-TRB-2 3/16 Flange Block Bearings

Bearing No. E-4BF-TRB-2 3/16

Category	Flange Block Bearings
Inventory	4.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	6.81
EAN	0053893544250
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	5/8 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; 2-3/16" Bore; 6.9" Bolt Circle; 4-7/8" Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 3-3/4" 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-2 3/16
Weight / LBS	15
Cartridge Pilot Depth	0 Inch 0 Millimeter
d	2.188 Inch 55.575 Millimeter
Bolt Spacing	4.875 Inch 123.825 Millimeter
Cartridge Pilot Diameter	0 Inch 0 Millimeter
D	3.75 Inch 95.25 Millimeter
Nominal Bolt Circle Diameter Round	6.9 Inch 175.3 Millimeter
Shaft Size	2.1875 in
Shaft Size Type	Imperial
Weight	15.0 lb
UPC Code	053893544250
Dimension B	3-3/4 in
Dimension L	6-1/4 in
Dimension A	3-9/32 in
Dimension J	4-7/8 in
Dimension A ₂	1/8 in
Bolt Diameter	5/8 in
Dimension A ₁	1-3/8 in
Dimension D ¹	4-7/8 in
Dimension d ₁	3-3/4 in
e	0.36
X (if F _a /F _r ≤ e)	0.87
Y (if F _a /F _r > e)	2.38



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X (if $F_a/F_r > e$)	0.7
Y (if $F_a/F_r > e$)	2.87
K Factor	1.65
C_{90} Dynamic Load Rating ²	10900 lb
C_0 Static Load Rating	48200 lb
F_{a-max} Maximum Permissible Thrust Load ³	3454 lb
F_{r-max} Maximum Allowable Slip Fit Radial Load ⁴	8900 lb
Max. Speed ⁵	2730 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