



SKF BEARING USA CORP.

Timken E-4BF-TRB-1 3/8 Flange-Mount Roller Bearing Units



Bearing No. E-4BF-TRB-1 3/8

E-4BF-TRB-1 3/8 Bearing 2D drawings and 3D CAD models

Category	Flange Block Bearings
Inventory	4.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	3.18
EAN	0053893549750
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; 1-3/8" Bore; 4.9" Bolt Circle; 3-1/2" Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 3" Length Thru Bore; Relu
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 3/8
Weight / LBS	7
Nominal Bolt Circle Diameter Round	4.9 Inch 125.7 Millimeter
d	1.375 Inch 34.925 Millimeter
Bolt Spacing	3.5 Inch 88.9 Millimeter
Cartridge Pilot Depth	0 Inch 0 Millimeter
D	3 Inch 76.2 Millimeter
Cartridge Pilot Diameter	0 Inch 0 Millimeter
Shaft Size	1.375 in
Shaft Size Type	Imperial
Weight	7.0 lb
UPC Code	053893549750
Dimension B	3 in
Dimension L	4-5/8 in
Dimension A	2-19/32 in
Dimension J	3-1/2 in
Dimension A ₂	1/16 in
Bolt Diameter	1/2 in
Dimension A ₁	1-1/16 in
Dimension D ¹	3-1/2 in
Dimension d ₁	2-3/4 in
e	0.46
X (if F _a /F _r ≤ e)	0.87
Y (if F _a /F _r ≤ e)	1.89
X (if F _a /F _r > e)	0.7



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Y (if $F_a/F_r > e$)	2.28
K Factor	1.31
C_{90} Dynamic Load Rating ²	6100 lb
C_0 Static Load Rating	26000 lb
F_{a-max} Maximum Permissible Thrust Load ³	2590 lb
F_{r-max} Maximum Allowable Slip Fit Radial Load ⁴	5000 lb
Max. Speed ⁵	3820 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