



SKF BEARING USA CORP.

Timken E-4BF-TRB-2 1/4 Flange-Mount Roller Bearing Units



Bearing No. E-4BF-TRB-2 1/4

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

Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	10.215
EAN	0053893549538
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; 2-1/4" Bore; 7.6" Bolt Circle; 5-3/8" Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 4" 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-2 1/4
Weight / LBS	21
Cartridge Pilot Diameter	0 Inch 0 Millimeter
D	4 Inch 101.6 Millimeter
d	2.25 Inch 57.15 Millimeter
Nominal Bolt Circle Diameter Round	7.6 Inch 193 Millimeter
Cartridge Pilot Depth	0 Inch 0 Millimeter
Bolt Spacing	5.375 Inch 136.525 Millimeter
Shaft Size	2.25 in
Shaft Size Type	Imperial
Weight	21.0 lb
UPC Code	053893549538
Dimension B	4 in
Dimension L	6-7/8 in
Dimension A	3-9/16 in
Dimension J	5-3/8 in
Dimension A ₂	3/16 in
Bolt Diameter	5/8 in
Dimension A ₁	1-1/2 in
Dimension D ¹	5-5/16 in
Dimension d ₁	4-1/16 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



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Y (if $F_a/F_r > e$)	2.63
K Factor	1.51
C_{90} Dynamic Load Rating ²	11600 lb
C_0 Static Load Rating	54000 lb
F_{a-max} Maximum Permissible Thrust Load ³	3454 lb
F_{r-max} Maximum Allowable Slip Fit Radial Load ⁴	9500 lb
Max. Speed ⁵	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