



BEARING CORP.OF CANADA LTD.



TIMKEN E-4BF-TRB-3 1/2 Flange Block Bearings

Bearing No. E-4BF-TRB-3 1/2

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

Category	Flange Block Bearings
Inventory	1.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	22.7
EAN	0053893540467
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	3/4 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; 3-1/2" Bore; 9.9" Bolt Circle; 7" Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 5" Length Thru Bore; Relubric
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 1/2
Weight / LBS	50
Cartridge Pilot Diameter	0 Inch 0 Millimeter
D	5 Inch 127 Millimeter
Cartridge Pilot Depth	0 Inch 0 Millimeter
Nominal Bolt Circle Diameter Round	9.9 Inch 251.7 Millimeter
d	3.5 Inch 88.9 Millimeter
Bolt Spacing	7 Inch 177.8 Millimeter
Shaft Size	3.5 in
Shaft Size Type	Imperial
Weight	50.000 lb
UPC Code	053893540467
Dimension B	5 in
Dimension L	9-1/4 in
Dimension A	4-1/2 in
Dimension J	7 in
Dimension A ₂	1/4 in
Bolt Diameter	3/4 in
Dimension A ₁	1-7/8 in
Dimension D ¹	7-1/4 in
Dimension d ₁	5-17/32 in
e	0.50
X (if F _a /F _r ≤ e)	0.87
Y (if F _a /F _r ≤ e)	1.71
X (if F _a /F _r > e)	0.7



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Y (if $F_a/F_r > e$)	2.07
K Factor	1.19
C_{90} Dynamic Load Rating ²	19600 lb
C_0 Static Load Rating	108600 lb
F_{a-max} Maximum Permissible Thrust Load ³	5181 lb
F_{r-max} Maximum Allowable Slip Fit Radial Load ⁴	16000 lb
Max. Speed ⁵	1640 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