



MACHINE PRECISION AXLE CORP.



E-4BF-TRB-35MM Bearing 2D drawings and 3D CAD models

TIMKEN E-4BF-TRB-35MM Flange Block Bearings

Bearing No. E-4BF-TRB-35MM

Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	3.18
EAN	0053893549774
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	Metric
Long Description	4 Bolt Square Flange Block; 35MM Bore; 125.7MM Bolt Circle; 88.9MM Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 76.2MM Length Thru Bore; Relubricatable; Dou



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Other Features	Double Row Wide Inner Race With Set Screw
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-35MM
Weight / LBS	7
Nominal Bolt Circle Diameter Round	4.9 Inch 125.7 Millimeter
Cartridge Pilot Diameter	0 Inch 0 Millimeter
Bolt Spacing	3.5 Inch 88.9 Millimeter
Cartridge Pilot Depth	0 Inch 0 Millimeter
D	3 Inch 76.2 Millimeter
d	1.378 Inch 35 Millimeter
Shaft Size	1.378 in
Shaft Size Type	Metric
Weight	7.0 lb
UPC Code	053893549774
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



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X (if $F_a/F_r > e$)	0.7
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