



TIMKEN E-4BF-TRB-70MM Flange Block Bearings

Bearing No. E-4BF-TRB-70MM

E-4BF-TRB-70MM Bearing 2D drawings and 3D CAD models

Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	13.17
EAN	0053893537245
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	Metric
Long Description	4 Bolt Square Flange Block; 70MM Bore; 215MM Bolt Circle; 152.4MM Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 114.3MM 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-70MM
Weight / LBS	29
Bolt Spacing	6 Inch 152.4 Millimeter
Cartridge Pilot Diameter	0 Inch 0 Millimeter
d	2.756 Inch 70 Millimeter
Cartridge Pilot Depth	0 Inch 0 Millimeter
Nominal Bolt Circle Diameter Round	8.5 Inch 215 Millimeter
D	4.5 Inch 114.3 Millimeter
Shaft Size	2.756 in
Shaft Size Type	Metric
Weight	29 lb
UPC Code	053893537245
Dimension B	4-1/2 in
Dimension L	7-3/4 in
Dimension A	3-15/16 in
Dimension J	6 in
Dimension A ₂	3/16 in
Bolt Diameter	3/4 in
Dimension A ₁	1-5/8 in
Dimension D ¹	6 in
Dimension d ₁	4-23/32 in
e	0.46
X (if F _a /F _r ≤ e)	0.87
Y (if F _a /F _r > e)	1.87



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X (if $F_a/F_r > e$)	0.7
Y (if $F_a/F_r > e$)	2.26
K Factor	1.30
C_{90} Dynamic Load Rating ²	12300 lb
C_0 Static Load Rating	61200 lb
F_{a-max} Maximum Permissible Thrust Load ³	5181 lb
F_{r-max} Maximum Allowable Slip Fit Radial Load ⁴	10000 lb
Max. Speed ⁵	2060 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