



NTN BEARING MFG.CORP



TIMKEN E-PF-TRB-2 1/2 Flange Block Bearings

Bearing No. E-PF-TRB-2 1/2

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

Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	8.279
EAN	0053893778372
Product Group	M06288
Number of Mounting Holes	4
Mounting Method	Concentric Collar
Housing Style	4 Bolt Round 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	With Pilot
Inch - Metric	Inch
Long Description	4 Bolt Round Flange Block; 2-1/2" Bore; 6-1/2" Bolt Circle; 4.6" Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 4" Length Thru Bore; Relub
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-PF-TRB-2 1/2
Weight / LBS	17
D	4 Inch 101.6 Millimeter
d	2.5 Inch 63.5 Millimeter
Cartridge Pilot Depth	2.125 Inch 53.975 Millimeter
Nominal Bolt Circle Diameter Round	6.5 Inch 165 Millimeter
Bolt Spacing	4.6 Inch 117 Millimeter
Cartridge Pilot Diameter	5.5 Inch 139.7 Millimeter
Shaft Size	2.5 in
Shaft Size Type	Imperial
Weight	17.0 lb
UPC Code	053893778372
Nose Diameter	5.37 in
Nose Bore Diameter	4.1 in
Dimension B	4 in
Dimension H	7-5/8 in
Dimension A	3-5/16 in
Dimension N ₂	4.600 in
Dimension J	6-1/2 in
Dimension A ₃	1-5/16 in
Bolt Diameter	1/2 in
Dimension E	1-13/16 in
Dimension A ₁	5/8 in
Dimension D ¹	5-1/2 in
Dimension d ₁	4-1/16 in



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Dimension A ₂	1-3/16 in
e	0.40
X (if F _a /F _r ≤ e)	0.87
Y (if F _a /F _r ≤ e)	2.17
X (if F _a /F _r > e)	0.7
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