



Bearing industry co., Ltd.



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

TIMKEN E-PF-TRB-4 1/2 Flange Block Bearings

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

Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	43.568
EAN	0053893778631
Product Group	M06288
Number of Mounting Holes	6
Mounting Method	Concentric Collar
Housing Style	6 Bolt Round 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	With Pilot
Inch - Metric	Inch
Long Description	6 Bolt Round Flange Block; 4-1/2" Bore; 11.8" Bolt Circle; 5-7/8" Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 6-3/4" Length Thru Bore;
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-4 1/2
Weight / LBS	110
Bolt Spacing	5.875 Inch 149.225 Millimeter
d	4.5 Inch 114.3 Millimeter
D	6.75 Inch 171.45 Millimeter
Cartridge Pilot Diameter	10.25 Inch 260.35 Millimeter
Cartridge Pilot Depth	2.688 Inch 68.275 Millimeter
Nominal Bolt Circle Diameter Round	11.8 Inch 300 Millimeter
Shaft Size	4.5 in
Shaft Size Type	Imperial
Weight	110.000 lb
UPC Code	053893778631
Nose Diameter	8.86 in
Nose Bore Diameter	7 in
Dimension B	6-3/4 in
Dimension H	13-1/2 in
Dimension A	4-5/8 in
Dimension N ₂	5.875 in
Dimension J	11-3/4 in
Dimension A ₃	1-1/2 in
Bolt Diameter	3/4 in
Dimension E	3 in
Dimension A ₁	1 in



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Dimension D ¹	10-1/4 in
Dimension d ₁	6-47/64 in
Dimension A ₂	1-15/16 in
e	0.53
X (if F _a /F _r ≤ e)	0.87
Y (if F _a /F _r ≤ e)	1.63
X (if F _a /F _r > e)	0.7
Y (if F _a /F _r > e)	1.97
K Factor	1.13
C ₉₀ Dynamic Load Rating ²	33000 lb
C ₀ Static Load Rating	188400 lb
F _{a-max} Maximum Permissible Thrust Load ³	6908 lb
F _{r-max} Maximum Allowable Slip Fit Radial Load ⁴	27000 lb
Max. Speed ⁵	1360 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