



American Precision Parts Co., Ltd.



E-PF-TRB-3 7/16 Bearing 2D drawings and 3D CAD models

TIMKEN E-PF-TRB-3 7/16 Flange Block Bearings

Bearing No. E-PF-TRB-3 7/16

Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	19.52
EAN	0053893778174
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	3/4 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; 3-7/16" Bore; 8.6" Bolt Circle; 6.1" Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 5" Length Thru Bore; Relubr
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-3 7/16
Weight / LBS	43
Nominal Bolt Circle Diameter Round	8.6 Inch 218.4 Millimeter
d	3.438 Inch 87.325 Millimeter
Cartridge Pilot Diameter	7.375 Inch 187.32 Millimeter
Bolt Spacing	6.1 Inch 154.9 Millimeter
D	5 Inch 127 Millimeter
Cartridge Pilot Depth	2.5 Inch 63.5 Millimeter
Shaft Size	3.4375 in
Shaft Size Type	Imperial
Weight	43 lb
UPC Code	053893778174
Nose Diameter	6.89 in
Nose Bore Diameter	5.8 in
Dimension B	5 in
Dimension H	10-1/4 in
Dimension A	4-3/16 in
Dimension N ₂	6.100 in
Dimension J	8-5/8 in
Dimension A ₃	1-1/4 in
Bolt Diameter	3/4 in
Dimension E	2-7/16 in
Dimension A ₁	15/16 in
Dimension D ¹	7-3/8 in



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Dimension d_1	5-17/32 in
Dimension A_2	1-11/16 in
e	0.50
X (if $F_a/F_r \leq e$)	0.87
Y (if $F_a/F_r \leq e$)	1.71
X (if $F_a/F_r > e$)	0.7
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