



# AMERICAN BEARING MFG.CORP.



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

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

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

Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	4.54
EAN	0053893778419
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	7/16 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; 1-1/2" Bore; 5.1" Bolt Circle; 3.62" Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 3-3/8" Length Thru Bore; Re
Other Features	Double Row   Wide Inner Race   With Set Screw



## AMERICAN BEARING MFG.CORP.

Category	Flange Block
UNSPSC	31171501
Harmonized Tariff Code	8483.20.40.80
Noun	Bearing
Keyword String	Flanged
Manufacturer URL	<a href="http://www.timken.com">http://www.timken.com</a>
Manufacturer Item Number	E-PF-TRB-1 1/2
Weight / LBS	10
Bolt Spacing	3.62 Inch   91.948 Millimeter
Nominal Bolt Circle Diameter Round	5.1 Inch   130 Millimeter
d	1.5 Inch   38.1 Millimeter
Cartridge Pilot Diameter	4.25 Inch   107.95 Millimeter
D	3.375 Inch   85.725 Millimeter
Cartridge Pilot Depth	1.75 Inch   44.45 Millimeter
Shaft Size	1.5 in
Shaft Size Type	Imperial
Weight	10 lb
UPC Code	053893778419
Dimension B	3-3/8 in
Dimension H	6-1/8 in
Dimension A	2-25/32 in
Dimension N <sub>2</sub>	3.620 in
Dimension J	5-1/8 in
Dimension A <sub>3</sub>	1-1/16 in
Bolt Diameter	7/16 in
Dimension E	1-9/16 in
Dimension A <sub>1</sub>	1/2 in
Dimension D <sup>1</sup>	4-1/4 in
Dimension d <sub>1</sub>	3-3/16 in



## AMERICAN BEARING MFG.CORP.

Dimension A <sub>2</sub>	1-1/32 in
e	0.44
X (if $F_a/F_r \leq e$ )	0.87
Y (if $F_a/F_r \leq e$ )	1.96
X (if $F_a/F_r > e$ )	0.7
Y (if $F_a/F_r > e$ )	2.37
K Factor	1.36
C <sub>90</sub> Dynamic Load Rating <sup>2</sup>	7860 lb
C <sub>0</sub> Static Load Rating	33000 lb
F <sub>a-max</sub> Maximum Permissible Thrust Load <sup>3</sup>	2590 lb
F <sub>r-max</sub> Maximum Allowable Slip Fit Radial Load <sup>4</sup>	6400 lb
Max. Speed <sup>5</sup>	3320 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