



E-PF-TRB-5 Bearing 2D drawings and 3D CAD models

TIMKEN E-PF-TRB-5 Flange Block Bearings

Bearing No. E-PF-TRB-5

Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	59.02
EAN	0053893778846
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	7/8 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; 5" Bore; 12.8" Bolt Circle; 6-3/8" Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 7-1/4" Length Thru Bore; Relu
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-5
Weight / LBS	130
Bolt Spacing	6.375 Inch 161.925 Millimeter
Nominal Bolt Circle Diameter Round	12.8 Inch 325.1 Millimeter
d	5 Inch 127 Millimeter
D	7.25 Inch 184.15 Millimeter
Cartridge Pilot Depth	3.188 Inch 80.975 Millimeter
Cartridge Pilot Diameter	11 Inch 279.4 Millimeter
Shaft Size	5 in
Shaft Size Type	Imperial
Weight	130.000 lb
UPC Code	053893778846
Dimension B	7-1/4 in
Dimension H	14-3/4 in
Dimension A	5-1/16 in
Dimension N ₂	6.375 in
Dimension J	12-3/4 in
Dimension A ₃	1-3/4 in
Bolt Diameter	7/8 in
Dimension E	2-31/32 in
Dimension A ₁	1-1/4 in
Dimension D ¹	11 in
Dimension d ₁	7-3/4 in



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Dimension A ₂	1-7/8 in
e	0.47
X (if $F_a/F_r \leq e$)	0.87
Y (if $F_a/F_r \leq e$)	1.83
X (if $F_a/F_r > e$)	0.7
Y (if $F_a/F_r > e$)	2.21
K Factor	1.27
C ₉₀ Dynamic Load Rating ²	45500 lb
C ₀ Static Load Rating	266000 lb
F _{a-max} Maximum Permissible Thrust Load ³	6908 lb
F _{r-max} Maximum Allowable Slip Fit Radial Load ⁴	35000 lb
Max. Speed ⁵	1200 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