



Machinery Parts Industry Co., Ltd.



E-PF-TRB-55MM Bearing 2D drawings and 3D CAD models

TIMKEN E-PF-TRB-55MM Flange Block Bearings

Bearing No. E-PF-TRB-55MM

Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	6.36
EAN	0053893778211
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	Metric
Long Description	4 Bolt Round Flange Block; 55MM Bore; 152MM Bolt Circle; 107.7MM Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 95.25MM Length Thru Bore; Relubricatable; Doub



Machinery Parts Industry Co., Ltd.

Other Features	Double Row Wide Inner Race With Set Screw
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-55MM
Weight / LBS	14
Bolt Spacing	4.24 Inch 107.7 Millimeter
Cartridge Pilot Diameter	5 Inch 127 Millimeter
d	2.165 Inch 55 Millimeter
Cartridge Pilot Depth	2 Inch 50.8 Millimeter
Nominal Bolt Circle Diameter Round	6 Inch 152 Millimeter
D	3.75 Inch 95.25 Millimeter
Shaft Size	2.165 in
Shaft Size Type	Metric
Weight	14 lb
UPC Code	053893778211
Nose Diameter	4.87 in
Nose Bore Diameter	3.8 in
Dimension B	3-3/4 in
Dimension H	7-1/8 in
Dimension A	3-3/32 in
Dimension N ₂	4.240 in
Dimension J	6 in
Dimension A ₃	1-3/16 in
Bolt Diameter	1/2 in
Dimension E	1-11/16 in
Dimension A ₁	9/16 in
Dimension D ¹	5 in



Machinery Parts Industry Co., Ltd.

Dimension d_1	3-3/4 in
Dimension A_2	1-3/32 in
e	0.36
X (if $F_a/F_r \leq e$)	0.87
Y (if $F_a/F_r \leq e$)	2.38
X (if $F_a/F_r > e$)	0.7
Y (if $F_a/F_r > e$)	2.87
K Factor	1.65
C_{90} Dynamic Load Rating ²	10900 lb
C_0 Static Load Rating	48200 lb
F_{a-max} Maximum Permissible Thrust Load ³	3454 lb
F_{r-max} Maximum Allowable Slip Fit Radial Load ⁴	8900 lb
Max. Speed ⁵	2730 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