



BEARING SUDAMERICANA, S.A.



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

TIMKEN E-PF-TRB-3 Flange Block Bearings

Bearing No. E-PF-TRB-3

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| Category | Flange Block Bearings |
| Inventory | 0.0 |
| Manufacturer Name | TIMKEN |
| Minimum Buy Quantity | N/A |
| Weight | 12.154 |
| EAN | 0053893778679 |
| 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 | 5/8 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" Bore; 7-1/2" Bolt Circle; 5.3" Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 4-1/2" Length Thru Bore; Relub |
| 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 |
| Weight / LBS | 10 |
| Nominal Bolt Circle Diameter Round | 7.5 Inch 190 Millimeter |
| Cartridge Pilot Diameter | 6.375 Inch 161.92 Millimeter |
| D | 4.5 Inch 114.3 Millimeter |
| d | 3 Inch 76.2 Millimeter |
| Cartridge Pilot Depth | 2.438 Inch 61.925 Millimeter |
| Bolt Spacing | 5.3 Inch 134.7 Millimeter |
| Shaft Size | 3 in |
| Shaft Size Type | Imperial |
| Weight | 25 lb |
| UPC Code | 053893778679 |
| Nose Diameter | 5.99 in |
| Nose Bore Diameter | 4.7 in |
| Dimension B | 4-1/2 in |
| Dimension H | 8-3/4 in |
| Dimension A | 3-11/16 in |
| Dimension N ₂ | 5.300 in |
| Dimension J | 7-1/2 in |
| Dimension A ₃ | 1-1/2 in |
| Bolt Diameter | 5/8 in |
| Dimension E | 2 in |
| Dimension A ₁ | 3/4 in |
| Dimension D ¹ | 6-3/8 in |
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| Dimension d_1 | 4-23/32 in |
| Dimension A_2 | 1-1/4 in |
| e | 0.46 |
| X (if $F_a/F_r \leq e$) | 0.87 |
| Y (if $F_a/F_r \leq e$) | 1.87 |
| X (if $F_a/F_r > e$) | 0.7 |
| Y (if $F_a/F_r > e$) | 2.26 |
| K Factor | 1.30 |
| C_{90} Dynamic Load Rating ² | 12300 lb |
| C_0 Static Load Rating | 61200 lb |
| F_{a-max} Maximum Permissible Thrust Load ³ | 5181 lb |
| F_{r-max} Maximum Allowable Slip Fit Radial Load ⁴ | 10000 lb |
| Max. Speed ⁵ | 2060 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 |