



Precision Machinery Parts Co., Ltd.



2.75 Inch | 69.85 Millimeter x 4.5 Inch | 114.3 Millimeter x 3.125 Inch | 79.38 Millimeter
TIMKEN E-P4B-TRB-2 3/4 Pillow Block Bearings

Bearing No. E-P4B-TRB-2 3/4

E-P4B-TRB-2 3/4 Bearing 2D drawings and 3D CAD models

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|---------------------------|--|
| Category | Pillow Block Bearings |
| Inventory | 0.0 |
| Manufacturer Name | TIMKEN |
| Minimum Buy Quantity | N/A |
| Weight | 13.17 |
| EAN | 0053893607597 |
| Product Group | M06288 |
| Number of Mounting Holes | 4 |
| Mounting Method | Concentric Collar |
| Housing Style | 4 Bolt Pillow 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 |
| Inch - Metric | Inch |
| Other Features | Double Row Wide Inner Race With Set Screw |
| Long Description | 4 Bolt Pillow Block; 2-3/4" Bore; 3-1/8" Base to Center Height; Concentric Collar Mount; Tapered Roller Bearing; 9-3/16" Minimum Bolt Spacing; 9-13/16" Bolt Spacing Maximum; Relubr |



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| Category | Pillow Block |
| UNSPSC | 31171511 |
| Harmonized Tariff Code | 8483.20.40.80 |
| Noun | Bearing |
| Keyword String | Pillow Block |
| Manufacturer URL | http://www.timken.com |
| Manufacturer Item Number | E-P4B-TRB-2 3/4 |
| Weight / LBS | 29 |
| Nominal Bolt Center to Center | 9.5 Inch 241.3 Millimeter |
| B | 3.125 Inch 79.38 Millimeter |
| Bolt Spacing Minimum | 9.188 Inch 233.375 Millimeter |
| Bolt Spacing Maximum | 9.813 Inch 249.25 Millimeter |
| D | 4.5 Inch 114.3 Millimeter |
| Actual Bolt Center to Center | 0 Inch 0 Millimeter |
| d | 2.75 Inch 69.85 Millimeter |
| Shaft Size | 2.75 in |
| Shaft Size Type | Imperial |
| Weight | 29 lb |
| UPC Code | 053893607597 |
| Dimension B | 4-1/2 in |
| Dimension L | 12 in |
| Dimension A | 4 in |
| Dimension J Min. | 9-3/16 in |
| Dimension J Max. | 9-13/16 in |
| Bolt Diameter | 5/8 in |
| Dimension N | 11/16 in |
| Dimension N ₁ | 1 in |
| Dimension N ₂ | 2-1/8 in |
| Dimension H ₁ | 1-7/8 in |



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| Dimension H ₂ | 6-1/4 in |
| Dimension d ₁ | 4-23/32 in |
| Dimension H | 3-1/8 in |
| e | 0.46 |
| X (if F _a /F _r ≤ e) | 0.87 |
| Y (if F _a /F _r ≤ 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 ¹ | 12300 lb |
| C ₀ Static Load Rating | 61200 lb |
| F _{a-max} Maximum Permissible Thrust Load ² | 5181 lb |
| F _{r-max} Maximum Allowable Slip Fit Radial Load ³ | 10000 lb |
| Max. Speed ⁴ | 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 |