



Shandong Tai Shi Te Bearing Co., Ltd.



E-P4B-TRB-75MM Bearing 2D drawings and 3D CAD models

2.953 Inch | 75 Millimeter x 4.5 Inch | 114.3 Millimeter x 3.126 Inch | 79.4 Millimeter TIMKEN E-P4B-TRB-75MM Pillow Block Bearings

Bearing No. E-P4B-TRB-75MM

Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	13.17
EAN	0053893775579
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	Metric
Other Features	Double Row Wide Inner Race With Set Screw
Long Description	4 Bolt Pillow Block; 75MM Bore; 79.4MM Base to Center Height; Concentric Collar Mount; Tapered Roller Bearing; 233.375MM Minimum Bolt Spacing; 249.25MM Bolt Spacing



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	Maximum; Relubricatable; Cast Iron;
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-75MM
Weight / LBS	29
d	2.953 Inch 75 Millimeter
D	4.5 Inch 114.3 Millimeter
Actual Bolt Center to Center	0 Inch 0Millimeter
Bolt Spacing Minimum	9.188 Inch 233.375Millimeter
Bolt Spacing Maximum	9.813 Inch 249.25Millimeter
B	3.126 Inch 79.4 Millimeter
Nominal Bolt Center to Center	9.5 Inch 241.3 Millimeter
Shaft Size	2.953 in
Shaft Size Type	Metric
Weight	29 lb
UPC Code	053893775579
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



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Dimension H ₁	1-7/8 in
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