



Handan Pangbo Bearings Sales Co., Ltd.



E-P4B-TRB-5 Bearing 2D drawings and 3D CAD models

5 Inch | 127 Millimeter x 7.25 Inch | 184.15 Millimeter x 5.5 Inch | 139.7 Millimeter TIMKEN E-P4B-TRB-5 Pillow Block Bearings

Bearing No. E-P4B-TRB-5

Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	59.93
EAN	0053893607689
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	7/8 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; 5" Bore; 5-1/2" Base to Center Height; Concentric Collar Mount; Tapered Roller Bearing; 15-1/4" Minimum Bolt Spacing; 15-3/4" Bolt Spacing Maximum;



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	Relubricata
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-5
Weight / LBS	132
B	5.5 Inch 139.7 Millimeter
Actual Bolt Center to Center	0 Inch 0Millimeter
D	7.25 Inch 184.15 Millimeter
d	5 Inch 127 Millimeter
Nominal Bolt Center to Center	15.5 Inch 393.7 Millimeter
Bolt Spacing Minimum	15.25 Inch 387.35Millimeter
Bolt Spacing Maximum	15.75 Inch 400.05Millimeter
Shaft Size	5 in
Shaft Size Type	Imperial
Weight	132.000 lb
UPC Code	053893607689
Dimension B	7-1/4 in
Dimension L	18-1/2 in
Dimension A	5-1/8 in
Dimension J Min.	15-1/4 in
Dimension J Max.	15-3/4 in
Bolt Diameter	7/8 in
Dimension N	1 in
Dimension N ₁	1-1/4 in
Dimension N ₂	2-7/8 in



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Dimension H_1	3 in
Dimension H_2	10-7/8 in
Dimension d_1	7-1/2 in
Dimension H	5-1/2 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 ¹	45500 lb
C_0 Static Load Rating	266000 lb
F_{a-max} Maximum Permissible Thrust Load ²	6908 lb
F_{r-max} Maximum Allowable Slip Fit Radial Load ³	35000 lb
Max. Speed ⁴	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