



LLC NTN-SNR BEARINGS RUS



3 Inch | 76.2 Millimeter x 4.5 Inch | 114.3
Millimeter x 3.125 Inch | 79.38 Millimeter 3 Inch |
76.2 Millimeter x 4.5 Inch | 114.3 Millimeter x
3.125 Inch | 79.38 Millimeter TIMKEN E-P4B-
TRB-3 Pillow Block Bearings

Bearing No. E-P4B-TRB-3

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

Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	12.71
EAN	0053893607627
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; 3" Bore; 3-1/8" Base to Center Height; Concentric Collar Mount; Tapered Roller Bearing; 9-3/16" Minimum



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	Bolt Spacing; 9-13/16" Bolt Spacing Maximum; Relubricat
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-3
Weight / LBS	28
Bolt Spacing Maximum	9.813 Inch 249.25Millimeter
D	4.5 Inch 114.3 Millimeter
Bolt Spacing Minimum	9.188 Inch 233.375Millimeter
Actual Bolt Center to Center	0 Inch 0Millimeter
Nominal Bolt Center to Center	9.5 Inch 241.3 Millimeter
d	3 Inch 76.2 Millimeter
B	3.125 Inch 79.38 Millimeter
Shaft Size	3 in
Shaft Size Type	Imperial
Weight	28 lb
UPC Code	053893607627
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



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Dimension N ₁	1 in
Dimension N ₂	2-1/8 in
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 $F_a/F_r \leq e$)	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 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