



# WJE Bearing Manufacturing Co., Ltd.



E-P4B-TRB-100MM Bearing 2D drawings and 3D CAD models

3.937 Inch | 100 Millimeter x 6.25 Inch | 158.75 Millimeter x 4.252 Inch | 108 Millimeter TIMKEN E-P4B-TRB-100MM Pillow Block Bearings

Bearing No. E-P4B-TRB-100MM

Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	54.134
EAN	0053893775616
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	3/4 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; 100MM Bore; 108MM Base to Center Height; Concentric Collar Mount; Tapered Roller Bearing; 311.15MM Minimum Bolt Spacing; 323.85MM 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	<a href="http://www.timken.com">http://www.timken.com</a>
Manufacturer Item Number	E-P4B-TRB-100MM
Weight / LBS	71
Actual Bolt Center to Center	0 Inch   0Millimeter
Bolt Spacing Minimum	12.25 Inch   311.15Millimeter
Bolt Spacing Maximum	12.75 Inch   323.85Millimeter
B	4.252 Inch   108 Millimeter
d	3.937 Inch   100 Millimeter
D	6.25 Inch   158.75 Millimeter
Nominal Bolt Center to Center	12.1 Inch   308.5 Millimeter
Shaft Size	3.937 in
Shaft Size Type	Metric
Weight	71.000 lb
UPC Code	053893775616
Dimension B	6-1/4 in
Dimension L	15-1/4 in
Dimension A	4-1/2 in
Dimension J Min.	12-1/4 in
Dimension J Max.	12-3/4 in
Bolt Diameter	3/4 in
Dimension N	7/8 in
Dimension N <sub>1</sub>	1-1/8 in



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Dimension N <sub>2</sub>	2-1/4 in
Dimension H <sub>1</sub>	2-7/16 in
Dimension H <sub>2</sub>	8-1/2 in
Dimension d <sub>1</sub>	6-1/16 in
Dimension H	4-1/4 in
e	0.49
X (if $F_a/F_r \leq e$ )	0.87
Y (if $F_a/F_r \leq e$ )	1.77
X (if $F_a/F_r > e$ )	0.7
Y (if $F_a/F_r > e$ )	2.14
K Factor	1.23
C <sub>90</sub> Dynamic Load Rating <sup>1</sup>	26900 lb
C <sub>0</sub> Static Load Rating	154000 lb
F <sub>a-max</sub> Maximum Permissible Thrust Load <sup>2</sup>	6908 lb
F <sub>r-max</sub> Maximum Allowable Slip Fit Radial Load <sup>3</sup>	22000 lb
Max. Speed <sup>4</sup>	1530 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