



# TIMKEN BEARING-SINGAPORE (PTE)LTD.



2.25 Inch | 57.15 Millimeter x 4 Inch | 101.6 Millimeter x 2.75 Inch | 69.85 Millimeter TIMKEN E-P4B-TRB-2 1/4 Pillow Block Bearings

Bearing No. E-P4B-TRB-2 1/4

E-P4B-TRB-2 1/4 Bearing 2D drawings and 3D CAD models

Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	10.44
EAN	0053893607498
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; 2-1/4" Bore; 2-3/4" Base to Center Height; Concentric Collar Mount; Tapered Roller Bearing; 8-5/16" Minimum Bolt Spacing; 8-11/16" Bolt Spacing Maximum; Relubr



## TIMKEN BEARING-SINGAPORE (PTE)LTD.

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-2 1/4
Weight / LBS	23
Bolt Spacing Minimum	8.313 Inch   211.15Millimeter
B	2.75 Inch   69.85 Millimeter
Nominal Bolt Center to Center	8.5 Inch   215.5 Millimeter
Bolt Spacing Maximum	8.688 Inch   220.675Millimeter
d	2.25 Inch   57.15 Millimeter
D	4 Inch   101.6 Millimeter
Actual Bolt Center to Center	0 Inch   0Millimeter
Shaft Size	2.25 in
Shaft Size Type	Imperial
Weight	23 lb
UPC Code	053893607498
Dimension B	4 in
Dimension L	10-1/2 in
Dimension A	3-1/2 in
Dimension J Min.	8-5/16 in
Dimension J Max.	8-11/16 in
Bolt Diameter	5/8 in
Dimension N	11/16 in
Dimension N <sub>1</sub>	7/8 in
Dimension N <sub>2</sub>	1-7/8 in
Dimension H <sub>1</sub>	1-5/8 in



## TIMKEN BEARING-SINGAPORE (PTE)LTD.

Dimension H <sub>2</sub>	5-23/32 in
Dimension d <sub>1</sub>	4-1/16 in
Dimension H	2-3/4 in
e	0.40
X (if F <sub>a</sub> /F <sub>r</sub> ≤ e)	0.87
Y (if F <sub>a</sub> /F <sub>r</sub> ≤ e)	2.17
X (if F <sub>a</sub> /F <sub>r</sub> > e)	0.7
Y (if F <sub>a</sub> /F <sub>r</sub> > e)	2.63
K Factor	1.51
C <sub>90</sub> Dynamic Load Rating <sup>1</sup>	11600 lb
C <sub>0</sub> Static Load Rating	54000 lb
F <sub>a-max</sub> Maximum Permissible Thrust Load <sup>2</sup>	3454 lb
F <sub>r-max</sub> Maximum Allowable Slip Fit Radial Load <sup>3</sup>	9500 lb
Max. Speed <sup>4</sup>	2420 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