



## Changzhou Chenglong Bearing Co., Ltd.



E-P4B-TRB-85MM Bearing 2D drawings and 3D CAD models

3.346 Inch | 85 Millimeter x 5 Inch | 127  
Millimeter x 3.75 Inch | 95.25 Millimeter TIMKEN  
E-P4B-TRB-85MM Pillow Block Bearings

Bearing No. E-P4B-TRB-85MM

Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	33.153
EAN	0053893775593
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; 85MM Bore; 95.25MM Base to Center Height; Concentric Collar Mount; Tapered Roller Bearing; 273.05MM Minimum Bolt Spacing; 285.75MM Bolt Spacing



## Changzhou Chenglong Bearing Co., Ltd.

	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-85MM
Weight / LBS	46
Actual Bolt Center to Center	0 Inch   0Millimeter
Bolt Spacing Maximum	11.25 Inch   285.75Millimeter
B	3.75 Inch   95.25 Millimeter
Nominal Bolt Center to Center	11 Inch   280 Millimeter
D	5 Inch   127 Millimeter
d	3.346 Inch   85 Millimeter
Bolt Spacing Minimum	10.75 Inch   273.05Millimeter
Shaft Size	3.346 in
Shaft Size Type	Metric
Weight	46.0 lb
UPC Code	053893775593
Dimension B	5 in
Dimension L	13-1/2 in
Dimension A	4-1/2 in
Dimension J Min.	10-3/4 in
Dimension J Max.	11-1/4 in
Bolt Diameter	3/4 in
Dimension N	15/16 in
Dimension N <sub>1</sub>	1-3/16 in
Dimension N <sub>2</sub>	2-3/8 in



## Changzhou Chenglong Bearing Co., Ltd.

Dimension $H_1$	2-1/4 in
Dimension $H_2$	7-1/2 in
Dimension $d_1$	5-17/32 in
Dimension H	3-3/4 in
e	0.50
X (if $F_a/F_r \leq e$ )	0.87
Y (if $F_a/F_r \leq e$ )	1.71
X (if $F_a/F_r > e$ )	0.7
Y (if $F_a/F_r > e$ )	2.07
K Factor	1.19
$C_{90}$ Dynamic Load Rating <sup>1</sup>	19600 lb
$C_0$ Static Load Rating	108600 lb
$F_{a-max}$ Maximum Permissible Thrust Load <sup>2</sup>	5181 lb
$F_{r-max}$ Maximum Allowable Slip Fit Radial Load <sup>3</sup>	16000 lb
Max. Speed <sup>4</sup>	1640 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