



E-4BF-TRB-115MM Bearing 2D drawings and 3D CAD models

TIMKEN E-4BF-TRB-115MM Flange Block Bearings

Bearing No. E-4BF-TRB-115MM

Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	40.86
EAN	0053893549866
Product Group	M06288
Number of Mounting Holes	4
Mounting Method	Concentric Collar
Housing Style	4 Bolt Square Flange 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
Pilot Configuration	No Pilot
Inch - Metric	Metric
Long Description	4 Bolt Square Flange Block; 115MM Bore; 315MM Bolt Circle; 222.25MM Bolt Spacing; 1 Piece Solid; Concentric Collar Mount; Cast Iron; Tapered Roller Bearing; 171.45MM Length Thru Bore; Relubricatable;
Other Features	Double Row Wide Inner



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	Race With Set Screw
Category	Flange Block
UNSPSC	31171501
Harmonized Tariff Code	8483.20.40.80
Noun	Bearing
Keyword String	Flanged
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	E-4BF-TRB-115MM
Weight / LBS	90
D	6.75 Inch 171.45 Millimeter
d	4.528 Inch 115 Millimeter
Nominal Bolt Circle Diameter Round	12.4 Inch 315 Millimeter
Cartridge Pilot Depth	0 Inch 0 Millimeter
Bolt Spacing	8.75 Inch 222.25 Millimeter
Cartridge Pilot Diameter	0 Inch 0 Millimeter
Shaft Size	4.528 in
Shaft Size Type	Metric
Weight	90.000 lb
UPC Code	053893549866
Dimension B	6-3/4 in
Dimension L	10-7/8 in
Dimension A	5-15/16 in
Dimension J	8-3/4 in
Dimension A ₂	3/8 in
Bolt Diameter	7/8 in
Dimension A ₁	2-7/16 in
Dimension D ¹	8-3/4 in
Dimension d ₁	6-47/64 in
e	0.53
X (if F _a /F _r e)	0.87



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Y (if $F_a/F_r \leq e$)	1.63
X (if $F_a/F_r > e$)	0.7
Y (if $F_a/F_r > e$)	1.97
K Factor	1.13
C_{90} Dynamic Load Rating ²	33000 lb
C_0 Static Load Rating	188400 lb
F_{a-max} Maximum Permissible Thrust Load ³	6908 lb
F_{r-max} Maximum Allowable Slip Fit Radial Load ⁴	27000 lb
Max. Speed ⁵	1360 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