



TIMKEN BEARINGS TRAINING INDUSTRY



231/560YMBW33W45C6 Bearing 2D drawings and 3D CAD models

22.047 Inch | 560 Millimeter x 36.22 Inch | 920 Millimeter x 11.024 Inch | 280 Millimeter
TIMKEN 231/560YMBW33W45C6 Spherical Roller Bearings

Bearing No. 231/560YMBW33W45C6

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	734.365
EAN	0087796197824
Product Group	B04311
Internal Clearance	C6
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Bronze
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Inch - Metric	Metric
Long Description	560MM Straight Bore; 920MM Outside Diameter; 280MM Width; C6 Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing



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UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	231/560 YMBW33W45C6
Weight / LBS	1,619
d	22.047 Inch 560 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
D	36.22 Inch 920 Millimeter
B	11.024 Inch 280 Millimeter
Design Unit	METRIC
Bearing Weight	751.000 Kg
Cage Type	YMB
UPC Code	087796197824
d - Bore	560.000 mm
D - Outer Diameter	920.000 mm
B - Inner Ring Width	280 mm
B - Outer Ring Width	280.000 mm
R - Inner Ring To Clear Radius ¹	6.000 mm
r - Outer Ring To Clear Radius ²	6.000 mm
da - Inner Ring Backing Diameter	638.000 mm
Da - Outer Ring Backing Diameter	838.000 mm
C0 - Static Radial Rating	16400000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	9240000 N
e - ISO Factor ³	0.29
Y0 - ISO Factor ⁴	2.33
Y1 - ISO Factor ⁵	3.47



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Y2 - ISO Factor ⁶	2.28
Reference Thermal Speed Rating (Grease)	290
Reference Thermal Speed Rating (Oil) ⁷	310
Cg - Geometry Factor ⁸	0.1148