



TIMKEN BEARINGS INDUSTRY



22330EMBW33 Bearing 2D drawings and 3D CAD models

5.906 Inch | 150 Millimeter x 12.598 Inch | 320 Millimeter x 4.252 Inch | 108 Millimeter TIMKEN 22330EMBW33 Spherical Roller Bearings

Bearing No. 22330EMBW33

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	42.878
EAN	0087796138520
Product Group	B04311
Internal Clearance	C0-Medium
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	150MM Straight Bore; 320MM Outside Diameter; 108MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing



TIMKEN BEARINGS INDUSTRY

UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	22330 YMBW33
Weight / LBS	88
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
d	5.906 Inch 150 Millimeter
B	4.252 Inch 108 Millimeter
D	12.598 Inch 320 Millimeter
Design Unit	METRIC
Bearing Weight	43 Kg
Cage Type	EMB
UPC Code	087796138520
Superseded Part	22330YMBW33
d - Bore	150 mm
D - Outer Diameter	320.000 mm
B - Inner Ring Width	108 mm
B - Outer Ring Width	108.000 mm
R - Inner Ring To Clear Radius ¹	3.0 mm
r - Outer Ring To Clear Radius ²	3.0 mm
da - Inner Ring Backing Diameter	194.000 mm
Da - Outer Ring Backing Diameter	288.000 mm
C0 - Static Radial Rating	1890000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	1620000 N
e - ISO Factor ³	0.33
Y0 - ISO Factor ⁴	2.08



TIMKEN BEARINGS INDUSTRY

Y1 - ISO Factor ⁵	3.09
Y2 - ISO Factor ⁶	2.03
Reference Thermal Speed Rating (Grease)	1500
Reference Thermal Speed Rating (Oil) ⁷	1600
Cg - Geometry Factor ⁸	0.0884