



Precision Bearing Industry Co., Ltd.



4.331 Inch | 110 Millimeter x 9.449 Inch | 240
 Millimeter x 3.15 Inch | 80 Millimeter TIMKEN
 22322EMW33W800C4 Bearing

Bearing No. 22322EMW33W800C4

22322EMW33W800C4 Bearing 2D drawings and 3D
 CAD models

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	17.729
EAN	0087796027183
Product Group	B04311
Internal Clearance	C4-Extra Loose
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	110MM Straight Bore; 240MM Outside Diameter; 80MM Width; C4-Extra Loose 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	22322 YMW33W800C4
Weight / LBS	37.2
d	4.331 Inch 110 Millimeter
D	9.449 Inch 240 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
B	3.15 Inch 80 Millimeter
Design Unit	METRIC
Bearing Weight	17.8 Kg
Cage Type	EM
UPC Code	087796027183
Superseded Part	22322YMW33W800C4
d - Bore	110 mm
D - Outer Diameter	239.993 mm
B - Inner Ring Width	80 mm
B - Outer Ring Width	80 mm
R - Inner Ring To Clear Radius ¹	2.500 mm
r - Outer Ring To Clear Radius ²	2.500 mm
da - Inner Ring Backing Diameter	144.0 mm
Da - Outer Ring Backing Diameter	215.000 mm
C0 - Static Radial Rating	1050000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	949000 N
e - ISO Factor ³	0.32
Y0 - ISO Factor ⁴	2.08



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Y1 - ISO Factor ⁵	3.1
Y2 - ISO Factor ⁶	2.04
Reference Thermal Speed Rating (Grease)	2200
Reference Thermal Speed Rating (Oil) ⁷	2500
Cg - Geometry Factor ⁸	0.0792