



Precision Bearing Industry Co., Ltd.



3.346 Inch | 85 Millimeter x 7.087 Inch | 180
 Millimeter x 2.362 Inch | 60 Millimeter TIMKEN
 22317EMW33W800C4 Bearing

Bearing No. 22317EMW33W800C4

22317EMW33W800C4 Bearing 2D drawings and 3D
 CAD models

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	7.368
EAN	0087796026704
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	85MM Straight Bore; 180MM Outside Diameter; 60MM 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	22317 YMW33W800C4
Weight / LBS	16.24
B	2.362 Inch 60 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
d	3.346 Inch 85 Millimeter
D	7.087 Inch 180 Millimeter
Design Unit	METRIC
Bearing Weight	7.5 Kg
Cage Type	EM
UPC Code	087796026704
Superseded Part	22317 YMW33W800C4
d - Bore	85 mm
D - Outer Diameter	179.993 mm
B - Inner Ring Width	60 mm
B - Outer Ring Width	60 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	110.000 mm
Da - Outer Ring Backing Diameter	162.000 mm
C0 - Static Radial Rating	584000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	543000 N
e - ISO Factor ³	0.32
Y0 - ISO Factor ⁴	2.11



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Y1 - ISO Factor ⁵	3.14
Y2 - ISO Factor ⁶	2.06
Reference Thermal Speed Rating (Grease)	3000
Reference Thermal Speed Rating (Oil) ⁷	3500
Cg - Geometry Factor ⁸	0.0662