



## Precision Bearing Industry Co., Ltd.



3.74 Inch | 95 Millimeter x 7.874 Inch | 200  
Millimeter x 2.638 Inch | 67 Millimeter TIMKEN  
22319EMW33W800C4 Bearing

Bearing No. 22319EMW33W800C4

22319EMW33W800C4 Bearing 2D drawings and 3D  
CAD models

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	10.161
EAN	0087796026940
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	95MM Straight Bore; 200MM Outside Diameter; 67MM Width; C4-Extra Loose Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing



## Precision Bearing Industry Co., Ltd.

UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.timken.com">http://www.timken.com</a>
Manufacturer Item Number	22319 YMW33W800C4
Weight / LBS	21.8
d	3.74 Inch   95 Millimeter
D	7.874 Inch   200 Millimeter
B	2.638 Inch   67 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
Design Unit	METRIC
Bearing Weight	10.2 Kg
Cage Type	EM
UPC Code	087796026940
Superseded Part	22319 YMW33W800C4
d - Bore	95 mm
D - Outer Diameter	199.993 mm
B - Inner Ring Width	67 mm
B - Outer Ring Width	67 mm
R - Inner Ring To Clear Radius <sup>1</sup>	2.500 mm
r - Outer Ring To Clear Radius <sup>2</sup>	2.500 mm
da - Inner Ring Backing Diameter	122.0 mm
Da - Outer Ring Backing Diameter	180.000 mm
C0 - Static Radial Rating	725000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	663000 N
e - ISO Factor <sup>3</sup>	0.32
Y0 - ISO Factor <sup>4</sup>	2.1



## Precision Bearing Industry Co., Ltd.

Y1 - ISO Factor <sup>5</sup>	3.13
Y2 - ISO Factor <sup>6</sup>	2.05
Reference Thermal Speed Rating (Grease)	2600
Reference Thermal Speed Rating (Oil) <sup>7</sup>	3100
Cg - Geometry Factor <sup>8</sup>	0.0716