



# JOP BEARING MFG. CORP.



22311EMW33C3 Bearing 2D drawings and 3D CAD models

## 22311EMW33C3 TIMKEN Cylindrical Roller Radial Bearings

Bearing No. 22311EMW33C3

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	2.363
Product Group	B04311
Internal Clearance	C3-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	55MM Straight Bore; 120MM Outside Diameter; 43MM Width; C3-Loose Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing



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Keyword String	Spherical
Manufacturer URL	<a href="http://www.timken.com">http://www.timken.com</a>
Manufacturer Item Number	22311 YMW33C3
Weight / LBS	5.188
B	1.693 Inch   43 Millimeter
d	2.165 Inch   55 Millimeter
D	4.724 Inch   120 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
Design Unit	METRIC
Bearing Weight	2.4 Kg
Cage Type	EM
UPC Code	087796136748
Superseded Part	22311YMW33C3
d - Bore	55 mm
D - Outer Diameter	120 mm
B - Inner Ring Width	43 mm
B - Outer Ring Width	43 mm
R - Inner Ring To Clear Radius <sup>1</sup>	2.0 mm
r - Outer Ring To Clear Radius <sup>2</sup>	2.0 mm
da - Inner Ring Backing Diameter	69.000 mm
Da - Outer Ring Backing Diameter	106.000 mm
C0 - Static Radial Rating	265000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	266000 N
e - ISO Factor <sup>3</sup>	0.36
Y0 - ISO Factor <sup>4</sup>	1.89
Y1 - ISO Factor <sup>5</sup>	2.81
Y2 - ISO Factor <sup>6</sup>	1.84
Reference Thermal Speed	4400



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Rating (Grease)	
Reference Thermal Speed Rating (Oil) <sup>7</sup>	5200
Cg - Geometry Factor <sup>8</sup>	0.0499