



23120EMW33 Bearing 2D drawings and 3D CAD models

3.937 Inch | 100 Millimeter x 6.496 Inch | 165 Millimeter x 2.047 Inch | 52 Millimeter TIMKEN 23120EMW33 Spherical Roller Bearings

Bearing No. 23120EMW33

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	4.417
EAN	0087796135765
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	100MM Straight Bore; 165MM Outside Diameter; 52MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510



# LUOYANG MONTON BEARING SCIENCE & TECH...

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	23120 YMW33
Weight / LBS	9.646
B	2.047 Inch   52 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
D	6.496 Inch   165 Millimeter
d	3.937 Inch   100 Millimeter
Design Unit	METRIC
Bearing Weight	4.4 Kg
Cage Type	EM
UPC Code	087796135765
Superseded Part	23120YMW33
d - Bore	100 mm
D - Outer Diameter	165 mm
B - Inner Ring Width	52 mm
B - Outer Ring Width	52 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	114.0 mm
Da - Outer Ring Backing Diameter	150.0 mm
C0 - Static Radial Rating	583000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	446000 N
e - ISO Factor <sup>3</sup>	0.28
Y0 - ISO Factor <sup>4</sup>	2.35
Y1 - ISO Factor <sup>5</sup>	3.5



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Y2 - ISO Factor <sup>6</sup>	2.3
Reference Thermal Speed Rating (Grease)	2700
Reference Thermal Speed Rating (Oil) <sup>7</sup>	3200
Cg - Geometry Factor <sup>8</sup>	0.0673