



# BEARING CORP. OF AMERICA



22324EMW33W800C4 Bearing 2D drawings and 3D CAD models

4.724 Inch | 120 Millimeter x 10.236 Inch | 260 Millimeter x 3.386 Inch | 86 Millimeter TIMKEN 22324EMW33W800C4 Bearing

Bearing No. 22324EMW33W800C4

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	22.251
EAN	0087796027275
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	120MM Straight Bore; 260MM Outside Diameter; 86MM 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	<a href="http://www.timken.com">http://www.timken.com</a>
Manufacturer Item Number	22324 YMW33W800C4
Weight / LBS	49.6
d	4.724 Inch   120 Millimeter
D	10.236 Inch   260 Millimeter
B	3.386 Inch   86 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
Design Unit	METRIC
Bearing Weight	22.30 Kg
Cage Type	EM
UPC Code	087796027275
Superseded Part	22324 YMW33W800C4
d - Bore	120 mm
D - Outer Diameter	259.993 mm
B - Inner Ring Width	86 mm
B - Outer Ring Width	86.000 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	157.000 mm
Da - Outer Ring Backing Diameter	234.000 mm
C0 - Static Radial Rating	1210000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	1080000 N
e - ISO Factor <sup>3</sup>	0.32
Y0 - ISO Factor <sup>4</sup>	2.11



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Y1 - ISO Factor <sup>5</sup>	3.15
Y2 - ISO Factor <sup>6</sup>	2.07
Reference Thermal Speed Rating (Grease)	1900
Reference Thermal Speed Rating (Oil) <sup>7</sup>	2200
Cg - Geometry Factor <sup>8</sup>	0.0834