



# BEARING USA CORP.



24084YMBW33W45AC3 Bearing 2D drawings and 3D CAD models

16.535 Inch | 420 Millimeter x 24.409 Inch | 620 Millimeter x 7.874 Inch | 200 Millimeter TIMKEN 24084YMBW33W45AC3 Spherical Roller Bearings

Bearing No. 24084YMBW33W45AC3

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	206.298
EAN	0087796142909
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	420MM Straight Bore; 620MM Outside Diameter; 200MM Width; C3-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	24084 YMBW33W45AC3
Weight / LBS	451
d	16.535 Inch   420 Millimeter
B	7.874 Inch   200 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
D	24.409 Inch   620 Millimeter
Design Unit	METRIC
Bearing Weight	206.70 Kg
Cage Type	YMB
UPC Code	087796142909
d - Bore	420.000 mm
D - Outer Diameter	620.000 mm
B - Inner Ring Width	200 mm
B - Outer Ring Width	200.000 mm
R - Inner Ring To Clear Radius <sup>1</sup>	4.000 mm
r - Outer Ring To Clear Radius <sup>2</sup>	4.000 mm
da - Inner Ring Backing Diameter	463.000 mm
Da - Outer Ring Backing Diameter	575.000 mm
C0 - Static Radial Rating	8630000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	4390000 N
e - ISO Factor <sup>3</sup>	0.29
Y0 - ISO Factor <sup>4</sup>	2.37
Y1 - ISO Factor <sup>5</sup>	3.52



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Y2 - ISO Factor <sup>6</sup>	2.31
Reference Thermal Speed Rating (Grease)	440
Reference Thermal Speed Rating (Oil) <sup>7</sup>	490
Cg - Geometry Factor <sup>8</sup>	0.0934