



# Shandong XSY Bearing Co., Ltd.



23084YMBW509C08C3 Bearing 2D drawings and 3D CAD models

16.535 Inch | 420 Millimeter x 24.409 Inch | 620 Millimeter x 5.906 Inch | 150 Millimeter TIMKEN 23084YMBW509C08C3 Spherical Roller Bearings

Bearing No. 23084YMBW509C08C3

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	153.91
EAN	0087796161184
Product Group	M06288
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; 150MM Width; C3-Loose Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510



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Harmonized Tariff Code	8482.30.80.00
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.timken.com">http://www.timken.com</a>
Manufacturer Item Number	23084 YMBW509C08C3
Weight / LBS	339
D	24.409 Inch   620 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
d	16.535 Inch   420 Millimeter
B	5.906 Inch   150 Millimeter
Design Unit	METRIC
Bearing Weight	156.000 Kg
Cage Type	YMB
UPC Code	087796161184
d - Bore	420.000 mm
D - Outer Diameter	620.000 mm
B - Inner Ring Width	150 mm
B - Outer Ring Width	150.000 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	467.000 mm
Da - Outer Ring Backing Diameter	576.000 mm
C0 - Static Radial Rating	6360000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	3450000 N
e - ISO Factor <sup>3</sup>	0.22
Y0 - ISO Factor <sup>4</sup>	3.05
Y1 - ISO Factor <sup>5</sup>	4.54
Y2 - ISO Factor <sup>6</sup>	2.98



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Reference Thermal Speed Rating (Grease)	620
Reference Thermal Speed Rating (Oil) <sup>7</sup>	720
Cg - Geometry Factor <sup>8</sup>	0.0935