



# AMERICAN BEARING MFG.CORP.



239/530YMBW507C08 Bearing 2D drawings and 3D CAD models

20.866 Inch | 530 Millimeter x 27.953 Inch | 710 Millimeter x 5.354 Inch | 136 Millimeter TIMKEN 239/530YMBW507C08 Spherical Roller Bearings

Bearing No. 239/530YMBW507C08

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	149.37
EAN	0087796200845
Product Group	M06288
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	530MM Straight Bore; 710MM Outside Diameter; 136MM Width; C0-Medium 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	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	239/530 YMBW507C08
Weight / LBS	329
D	27.953 Inch   710 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
B	5.354 Inch   136 Millimeter
d	20.866 Inch   530 Millimeter
Design Unit	METRIC
Bearing Weight	150.400 Kg
Cage Type	YMB
UPC Code	087796200845
d - Bore	530.000 mm
D - Outer Diameter	710.000 mm
B - Inner Ring Width	136 mm
B - Outer Ring Width	136.000 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	575.000 mm
Da - Outer Ring Backing Diameter	672.000 mm
C0 - Static Radial Rating	6880000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	3270000 N
e - ISO Factor <sup>3</sup>	0.16
Y0 - ISO Factor <sup>4</sup>	4.11
Y1 - ISO Factor <sup>5</sup>	6.12



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Y2 - ISO Factor <sup>6</sup>	4.02
Reference Thermal Speed Rating (Grease)	480
Reference Thermal Speed Rating (Oil) <sup>7</sup>	560
Cg - Geometry Factor <sup>8</sup>	0.1066