



## BEARING SUDAMERICANA, S.A.



230/500YMBW509C08C3 Bearing 2D drawings and 3D CAD models

19.685 Inch | 500 Millimeter x 28.346 Inch | 720 Millimeter x 6.575 Inch | 167 Millimeter TIMKEN 230/500YMBW509C08C3 Spherical Roller Bearings

Bearing No. 230/500YMBW509C08C3

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	220.644
EAN	0087796187917
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	500MM Straight Bore; 720MM Outside Diameter; 167MM Width; C3-Loose Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing



## BEARING SUDAMERICANA, S.A.

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	230/500 YMBW509C08C3
Weight / LBS	486
B	6.575 Inch   167 Millimeter
D	28.346 Inch   720 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
d	19.685 Inch   500 Millimeter
Design Unit	METRIC
Bearing Weight	222 Kg
Cage Type	YMB
UPC Code	087796187917
d - Bore	500.000 mm
D - Outer Diameter	720.000 mm
B - Inner Ring Width	167 mm
B - Outer Ring Width	167.000 mm
R - Inner Ring To Clear Radius <sup>1</sup>	5.000 mm
r - Outer Ring To Clear Radius <sup>2</sup>	5.000 mm
da - Inner Ring Backing Diameter	550.000 mm
Da - Outer Ring Backing Diameter	673.000 mm
C0 - Static Radial Rating	8160000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	4290000 N
e - ISO Factor <sup>3</sup>	0.21
Y0 - ISO Factor <sup>4</sup>	3.26
Y1 - ISO Factor <sup>5</sup>	4.85



## BEARING SUDAMERICANA, S.A.

Y2 - ISO Factor <sup>6</sup>	3.18
Reference Thermal Speed Rating (Grease)	510
Reference Thermal Speed Rating (Oil) <sup>7</sup>	580
Cg - Geometry Factor <sup>8</sup>	0.1037