



## Bearing industry co., Ltd.



23096YMBW507C08C3 Bearing 2D drawings and 3D CAD models

18.898 Inch | 480 Millimeter x 27.559 Inch | 700 Millimeter x 6.496 Inch | 165 Millimeter TIMKEN 23096YMBW507C08C3 Spherical Roller Bearings

Bearing No. 23096YMBW507C08C3

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	211.11
EAN	0087796139831
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	480MM Straight Bore; 700MM Outside Diameter; 165MM 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	23096 YMBW507C08C3
Weight / LBS	465
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
d	18.898 Inch   480 Millimeter
B	6.496 Inch   165 Millimeter
D	27.559 Inch   700 Millimeter
Design Unit	METRIC
Bearing Weight	215.000 Kg
Cage Type	YMB
UPC Code	087796139831
d - Bore	480.000 mm
D - Outer Diameter	700.000 mm
B - Inner Ring Width	165 mm
B - Outer Ring Width	165.000 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	532.000 mm
Da - Outer Ring Backing Diameter	651.000 mm
C0 - Static Radial Rating	7980000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	4170000 N
e - ISO Factor <sup>3</sup>	0.22
Y0 - ISO Factor <sup>4</sup>	3.14
Y1 - ISO Factor <sup>5</sup>	4.67
Y2 - ISO Factor <sup>6</sup>	3.07



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Reference Thermal Speed Rating (Grease)	530
Reference Thermal Speed Rating (Oil) <sup>7</sup>	600
Cg - Geometry Factor <sup>8</sup>	0.1015