



BEARING OF AMERICA CORP.



231/500KYMBW906A Bearing 2D drawings and 3D CAD models

19.685 Inch | 500 Millimeter x 32.677 Inch | 830 Millimeter x 10.394 Inch | 264 Millimeter
TIMKEN 231/500KYMBW906A Spherical Roller Bearings

Bearing No. 231/500KYMBW906A

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	564.949
EAN	0087796197831
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Bronze
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Adapter Part Number - Millimeter	H31/500 (Specify bore)
Withdrawal Sleeve	AH31/500 AOHX31/500 (Specify bore)
Inch - Metric	Metric
Long Description	500MM Tapered Bore; 830MM Outside Diameter; 264MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller



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	Bearings; Bronze Cage Material; Open Enclosure; Relubricatable; Adapter Part
Other Features	Order adapter or withdrawal sleeve separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	231/500 KYMBW906A
Weight / LBS	1,245.5
d	19.685 Inch 500 Millimeter
D	32.677 Inch 830 Millimeter
B	10.394 Inch 264 Millimeter
Design Unit	METRIC
Bore Taper	1/12
Bearing Weight	584.300 Kg
Cage Type	YMB
UPC Code	087796197831
d - Bore	500.000 mm
D - Outer Diameter	830.000 mm
B - Inner Ring Width	264 mm
B - Outer Ring Width	264.000 mm
R - Inner Ring To Clear Radius ¹	6.000 mm
r - Outer Ring To Clear Radius ²	6.000 mm
da - Inner Ring Backing Diameter	572.000 mm
Da - Outer Ring Backing Diameter	753.000 mm
C0 - Static Radial Rating	13900000 N



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C1(2) - Dynamic Radial Rating (Two-Rows)	7880000 N
e - ISO Factor ³	0.3
Y0 - ISO Factor ⁴	2.22
Y1 - ISO Factor ⁵	3.3
Y2 - ISO Factor ⁶	2.17
Reference Thermal Speed Rating (Grease)	330
Reference Thermal Speed Rating (Oil) ⁷	360
Cg - Geometry Factor ⁸	0.1073