



TGH Roller Bearing Co., Ltd



230/500KYMBW906AC3 Bearing 2D drawings and 3D CAD models

230/500KYMBW906AC3 TIMKEN Tapered Roller Bearings Tapered Single Metric

Bearing No. 230/500KYMBW906AC3

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	221.1
Product Group	B04311
Internal Clearance	C3-Loose
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
Withdrawal Sleeve	AHX30/500 (Specify bore)
Inch - Metric	Metric
Long Description	500MM Tapered Bore; 720MM Outside Diameter; 167MM Width; C3-Loose Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable; Adapter Part
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available



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Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	230/500 KYMBW906AC3
Weight / LBS	473
Adapter Part Number	SNW30/500 (Specify bore) Inch H30/500HG (Specify bore) Millimeter
B	6.575 Inch 167 Millimeter
D	28.346 Inch 720 Millimeter
d	19.685 Inch 500 Millimeter
Design Unit	METRIC
Bore Taper	1/12
Bearing Weight	222 Kg
Cage Type	YMB
UPC Code	087796187931
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 ¹	5.000 mm
r - Outer Ring To Clear Radius ²	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



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e - ISO Factor ³	0.21
Y0 - ISO Factor ⁴	3.26
Y1 - ISO Factor ⁵	4.85
Y2 - ISO Factor ⁶	3.18
Reference Thermal Speed Rating (Grease)	510
Reference Thermal Speed Rating (Oil) ⁷	580
Cg - Geometry Factor ⁸	0.1037