



TGH Roller Bearing Co., Ltd



230/500KYMBW906A Bearing 2D drawings and 3D CAD models

230/500KYMBW906A TIMKEN Tapered Roller Bearings Tapered Single Metric

Bearing No. 230/500KYMBW906A

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	221.1
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
Withdrawal Sleeve	AHX30/500 (Specify bore)
Inch - Metric	Metric
Long Description	500MM Tapered Bore; 720MM Outside Diameter; 167MM Width; C0-Medium 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



TGH Roller Bearing Co., Ltd

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 KYMBW906A
Weight / LBS	473
B	6.575 Inch 167 Millimeter
d	19.685 Inch 500 Millimeter
Adapter Part Number	SNW30/500 (Specify bore) Inch H30/500HG (Specify bore) Millimeter
D	28.346 Inch 720 Millimeter
Design Unit	METRIC
Bore Taper	1/12
Bearing Weight	222 Kg
Cage Type	YMB
UPC Code	087796029262
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



TGH Roller Bearing Co., Ltd

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