



BEARING PRECISION AXLE CORP.



231/530KYMBW906AC3 Bearing 2D drawings and 3D CAD models

20.866 Inch | 530 Millimeter x 34.252 Inch | 870
Millimeter x 10.709 Inch | 272 Millimeter
TIMKEN 231/530KYMBW906AC3 Spherical
Roller Bearings

Bearing No. 231/530KYMBW906AC3

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	629.7
EAN	0087796245266
Product Group	M06288
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
Adapter Part Number - Millimeter	H31/530 (Specify bore)
Withdrawal Sleeve	AH31/530 AOH31/530 (Specify bore)
Inch - Metric	Metric
Long Description	530MM Tapered Bore; 870MM Outside Diameter; 272MM Width; C3-Loose Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Bronze



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	Cage Material; Open Enclosure; Relubricatable; Adapter Part
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	8482.30.80.00
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	231/530 KYMBW906AC3
Weight / LBS	1,387
D	34.252 Inch 870 Millimeter
d	20.866 Inch 530 Millimeter
B	10.709 Inch 272 Millimeter
Design Unit	METRIC
Bore Taper	1/12
Bearing Weight	650.600 Kg
Cage Type	YMB
UPC Code	087796245266
d - Bore	530.000 mm
D - Outer Diameter	870.000 mm
B - Inner Ring Width	272 mm
B - Outer Ring Width	272.000 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	603.000 mm
Da - Outer Ring Backing Diameter	793.000 mm



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C0 - Static Radial Rating	15100000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	8530000 N
e - ISO Factor ³	0.3
Y0 - ISO Factor ⁴	2.27
Y1 - ISO Factor ⁵	3.38
Y2 - ISO Factor ⁶	2.22
Reference Thermal Speed Rating (Grease)	310
Reference Thermal Speed Rating (Oil) ⁷	340
Cg - Geometry Factor ⁸	0.1109