



Air Suspension Bearing Co., Ltd



230/850YMBW896AC2 Bearing 2D drawings and 3D CAD models

230/850YMBW896AC2 TIMKEN Tapered Roller Bearings Tapered Single Imperial

Bearing No. 230/850YMBW896AC2

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	1091.87
Product Group	M06288
Internal Clearance	C2-Snug
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	850MM Straight Bore; 1220MM Outside Diameter; 272MM Width; C2-Snug Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	8482.30.80.00
Noun	Bearing



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Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	230/850 YMBW896AC2
Weight / LBS	2,405
d	33.465 Inch 850 Millimeter
D	48.031 Inch 1,220 Millimeter
B	10.709 Inch 272 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Design Unit	METRIC
Bearing Weight	1048.000 Kg
Cage Type	YMB
UPC Code	087796140059
d - Bore	850.000 mm
D - Outer Diameter	1220.000 mm
B - Inner Ring Width	295 mm
B - Outer Ring Width	295.000 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	938.000 mm
Da - Outer Ring Backing Diameter	1139.000 mm
C0 - Static Radial Rating	23000000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	11100000 N
e - ISO Factor ³	0.2
Y0 - ISO Factor ⁴	3.37
Y1 - ISO Factor ⁵	5.02
Y2 - ISO Factor ⁶	3.3
Reference Thermal Speed	250



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Rating (Grease)	
Reference Thermal Speed Rating (Oil) ⁷	280
Cg - Geometry Factor ⁸	0.1384