



Hebei Xiantong Bearing Co., Ltd.



22.047 Inch | 560 Millimeter x 32.283 Inch | 820 Millimeter x 7.677 Inch | 195 Millimeter TIMKEN 230/560YMBW509C08C3 Spherical Roller Bearings

Bearing No. 230/560YMBW509C08C3

230/560YMBW509C08C3 Bearing 2D drawings and 3D CAD models

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	348.699
EAN	0087796187979
Product Group	B04311
Internal Clearance	C3-Loose
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	560MM Straight Bore; 820MM Outside Diameter; 195MM Width; C3-Loose Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing



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UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	230/560 YMBW509C08C3
Weight / LBS	759
B	7.677 Inch 195 Millimeter
D	32.283 Inch 820 Millimeter
d	22.047 Inch 560 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Design Unit	METRIC
Bearing Weight	349.100 Kg
Cage Type	YMB
UPC Code	087796187979
d - Bore	560.000 mm
D - Outer Diameter	820.000 mm
B - Inner Ring Width	195 mm
B - Outer Ring Width	195.000 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	619.000 mm
Da - Outer Ring Backing Diameter	764.000 mm
C0 - Static Radial Rating	10800000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	5690000 N
e - ISO Factor ³	0.22
Y0 - ISO Factor ⁴	3.14
Y1 - ISO Factor ⁵	4.67



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Y2 - ISO Factor ⁶	3.07
Reference Thermal Speed Rating (Grease)	430
Reference Thermal Speed Rating (Oil) ⁷	490
Cg - Geometry Factor ⁸	0.1119