



RTU BEARING CORP.OF LTD.



230/530YMBW507C08 Bearing 2D drawings and 3D CAD models

230/530YMBW507C08 TIMKEN Cylindrical Roller Radial Bearings

Bearing No. 230/530YMBW507C08

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	302.115
Product Group	B04311
Internal Clearance	C0-Medium
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	530MM Straight Bore; 780MM Outside Diameter; 185MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080



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Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	230/530 YMBW507C08
Weight / LBS	657
D	30.709 Inch 780 Millimeter
B	7.283 Inch 185 Millimeter
d	20.866 Inch 530 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Design Unit	METRIC
Bearing Weight	302.600 Kg
Cage Type	YMB
UPC Code	087796029286
d - Bore	530.000 mm
D - Outer Diameter	780.000 mm
B - Inner Ring Width	185 mm
B - Outer Ring Width	185.000 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	588.000 mm
Da - Outer Ring Backing Diameter	725.000 mm
C0 - Static Radial Rating	9720000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	5150000 N
e - ISO Factor ³	0.21
Y0 - ISO Factor ⁴	3.14
Y1 - ISO Factor ⁵	4.68
Y2 - ISO Factor ⁶	3.07
Reference Thermal Speed	460



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Rating (Grease)	
Reference Thermal Speed Rating (Oil) ⁷	530
Cg - Geometry Factor ⁸	0.1083