



RTU BEARING CORP.OF LTD.



23176YMBW507C08C3 TIMKEN Cylindrical Roller Radial Bearings

Bearing No. 23176YMBW507C08C3

23176YMBW507C08C3 Bearing 2D drawings and 3D CAD models

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	229.27
Product Group	M06288
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
Inch - Metric	Metric
Long Description	380MM Straight Bore; 620MM Outside Diameter; 194MM Width; C3-Loose Clearance; Shaft Mount Mount; Double Row of Spherical Roller Bearing; Bronze Cage Material; Open Enclosure; Yes
Other Features	Single Piece Cage Finger Type Land Piloted Lubrication Groove and Holes in Outer Ring Tapped Lifting Holes in Outer Ring Face



RTU BEARING CORP.OF LTD.

Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	8482.30.00.80
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	23176YMBW507C08C3
Weight / LBS	505
d	14.961 Inch 380 Millimeter
B	7.638 Inch 194 Millimeter
D	24.409 Inch 620 Millimeter
Design Unit	METRIC
Bearing Weight	232.600 Kg
Cage Type	YMB
UPC Code	087796312432
d - Bore	380.000 mm
D - Outer Diameter	620.000 mm
B - Inner Ring Width	194 mm
B - Outer Ring Width	194.000 mm
R - Inner Ring To Clear Radius ¹	4.000 mm
r - Outer Ring To Clear Radius ²	4.000 mm
da - Inner Ring Backing Diameter	431.000 mm
Da - Outer Ring Backing Diameter	566.000 mm
C0 - Static Radial Rating	7580000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	4490000 N
e - ISO Factor ³	0.3
Y0 - ISO Factor ⁴	2.28
Y1 - ISO Factor ⁵	3.39
Y2 - ISO Factor ⁶	2.23



RTU BEARING CORP.OF LTD.

Reference Thermal Speed Rating (Grease)	510
Reference Thermal Speed Rating (Oil) ⁷	560
Cg - Geometry Factor ⁸	0.0895