



JOP BEARING MFG. CORP.



23180YMBW509C08C3 Bearing 2D drawings and 3D CAD models

23180YMBW509C08C3 TIMKEN Tapered Roller Bearings Tapered Single Imperial

Bearing No. 23180YMBW509C08C3

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	258.78
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
Withdrawal Sleeve	Not Applicable
Inch - Metric	Metric
Long Description	400MM Straight Bore; 650MM Outside Diameter; 200MM Width; C3-Loose 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	23180 YMBW509C08C3
Weight / LBS	570
d	15.748 Inch 400 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
D	25.591 Inch 650 Millimeter
B	7.874 Inch 200 Millimeter
Design Unit	METRIC
Bearing Weight	261.60 Kg
Cage Type	YMB
UPC Code	087796030497
d - Bore	400.000 mm
D - Outer Diameter	650.000 mm
B - Inner Ring Width	200 mm
B - Outer Ring Width	200.000 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	454.000 mm
Da - Outer Ring Backing Diameter	594.000 mm
C0 - Static Radial Rating	8110000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	4770000 N
e - ISO Factor ³	0.29
Y0 - ISO Factor ⁴	2.32
Y1 - ISO Factor ⁵	3.46
Y2 - ISO Factor ⁶	2.27
Reference Thermal Speed Rating (Grease)	480



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Reference Thermal Speed Rating (Oil) ⁷	530
Cg - Geometry Factor ⁸	0.0922