



JOP BEARING MFG. CORP.



23230EMW33C3 Bearing 2D drawings and 3D CAD models

23230EMW33C3 TIMKEN Tapered Roller Bearings Tapered Single Imperial

Bearing No. 23230EMW33C3

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	23.7
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	150MM Straight Bore; 270MM Outside Diameter; 96MM 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	84823080
Noun	Bearing



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Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	23230 YMW33C3
Weight / LBS	52.5
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
D	10.63 Inch 270 Millimeter
B	3.78 Inch 96 Millimeter
d	5.906 Inch 150 Millimeter
Design Unit	METRIC
Bearing Weight	23.8 Kg
Cage Type	EM
UPC Code	087796024977
Superseded Part	23230YMW33C3
d - Bore	150 mm
D - Outer Diameter	270.000 mm
B - Inner Ring Width	96 mm
B - Outer Ring Width	96.000 mm
R - Inner Ring To Clear Radius ¹	2.500 mm
r - Outer Ring To Clear Radius ²	2.500 mm
da - Inner Ring Backing Diameter	178.000 mm
Da - Outer Ring Backing Diameter	247.000 mm
C0 - Static Radial Rating	1660000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	1270000 N
e - ISO Factor ³	0.32
Y0 - ISO Factor ⁴	2.08
Y1 - ISO Factor ⁵	3.1
Y2 - ISO Factor ⁶	2.04
Reference Thermal Speed	1400



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Rating (Grease)	
Reference Thermal Speed Rating (Oil) ⁷	1500
Cg - Geometry Factor ⁸	0.0901