



# JOP BEARING MFG. CORP.



240/530YMBW33W45A Bearing 2D drawings and 3D CAD models

## 240/530YMBW33W45A TIMKEN Tapered Roller Bearings Tapered Single Imperial

Bearing No. 240/530YMBW33W45A

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	407.131
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; 250MM 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	<a href="http://www.timken.com">http://www.timken.com</a>
Manufacturer Item Number	240/530 YMBW33W45A
Weight / LBS	888
D	30.709 Inch   780 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
d	20.866 Inch   530 Millimeter
B	9.843 Inch   250 Millimeter
Design Unit	METRIC
Bearing Weight	408.000 Kg
Cage Type	YMB
UPC Code	087796191518
d - Bore	530.000 mm
D - Outer Diameter	780.000 mm
B - Inner Ring Width	250 mm
B - Outer Ring Width	250.000 mm
R - Inner Ring To Clear Radius <sup>1</sup>	5.000 mm
r - Outer Ring To Clear Radius <sup>2</sup>	5.000 mm
da - Inner Ring Backing Diameter	583.000 mm
Da - Outer Ring Backing Diameter	725.000 mm
C0 - Static Radial Rating	13700000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	6770000 N
e - ISO Factor <sup>3</sup>	0.28
Y0 - ISO Factor <sup>4</sup>	2.37
Y1 - ISO Factor <sup>5</sup>	3.53
Y2 - ISO Factor <sup>6</sup>	2.32
Reference Thermal Speed	320



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Rating (Grease)	
Reference Thermal Speed Rating (Oil) <sup>7</sup>	350
Cg - Geometry Factor <sup>8</sup>	0.1082