



24096YMBW33W45C3 Bearing 2D drawings and 3D CAD models

18.898 Inch | 480 Millimeter x 27.559 Inch | 700 Millimeter x 8.583 Inch | 218 Millimeter TIMKEN 24096YMBW33W45C3 Spherical Roller Bearings

Bearing No. 24096YMBW33W45C3

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	278.76
EAN	0087796188358
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	480MM Straight Bore; 700MM Outside Diameter; 218MM Width; C3-Loose Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510



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Harmonized Tariff Code	8482.30.80.00
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	24096 YMBW33W45C3
Weight / LBS	614
d	18.898 Inch 480 Millimeter
B	8.583 Inch 218 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
D	27.559 Inch 700 Millimeter
Design Unit	METRIC
Bearing Weight	282.100 Kg
Cage Type	YMB
UPC Code	087796188358
d - Bore	480.000 mm
D - Outer Diameter	700.000 mm
B - Inner Ring Width	218 mm
B - Outer Ring Width	218.000 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	526.000 mm
Da - Outer Ring Backing Diameter	652.000 mm
C0 - Static Radial Rating	10900000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	5450000 N
e - ISO Factor ³	0.28
Y0 - ISO Factor ⁴	2.45
Y1 - ISO Factor ⁵	3.64
Y2 - ISO Factor ⁶	2.39



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Reference Thermal Speed Rating (Grease)	370
Reference Thermal Speed Rating (Oil) ⁷	410
Cg - Geometry Factor ⁸	0.1012