



Handan Pangbo Bearings Sales Co., Ltd.



23184YMBW507C08C3 Bearing 2D drawings and 3D CAD models

16.535 Inch | 420 Millimeter x 27.559 Inch | 700 Millimeter x 8.819 Inch | 224 Millimeter TIMKEN 23184YMBW507C08C3 Spherical Roller Bearings

Bearing No. 23184YMBW507C08C3

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	345.95
EAN	0087796239548
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	420MM Straight Bore; 700MM Outside Diameter; 224MM 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



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	Tapped Lifting Holes in Outer Ring Face
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	23184YMBW507C08C3
Weight / LBS	762
D	27.559 Inch 700 Millimeter
d	16.535 Inch 420 Millimeter
B	8.819 Inch 224 Millimeter
Design Unit	METRIC
Bearing Weight	350.800 Kg
Cage Type	YMB
UPC Code	087796239548
d - Bore	420.000 mm
D - Outer Diameter	700.000 mm
B - Inner Ring Width	224 mm
B - Outer Ring Width	224.000 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	480.000 mm
Da - Outer Ring Backing Diameter	636.000 mm
C0 - Static Radial Rating	9640000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	5720000 N
e - ISO Factor ³	0.31
Y0 - ISO Factor ⁴	2.21



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Y1 - ISO Factor ⁵	3.2
Y2 - ISO Factor ⁶	2.16
Reference Thermal Speed Rating (Grease)	440
Reference Thermal Speed Rating (Oil) ⁷	480
Cg - Geometry Factor ⁸	0.0957