



TIMKEN FORGE OF AMERICA BEARING CORP.



23088YMBW507C08C3 Bearing 2D drawings and 3D CAD models

17.323 Inch | 440 Millimeter x 25.591 Inch | 650 Millimeter x 6.181 Inch | 157 Millimeter TIMKEN 23088YMBW507C08C3 Spherical Roller Bearings

Bearing No. 23088YMBW507C08C3

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	177.06
EAN	0087796029064
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	440MM Straight Bore; 650MM Outside Diameter; 157MM 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	23088 YMBW507C08C3
Weight / LBS	390
B	6.181 Inch 157 Millimeter
d	17.323 Inch 440 Millimeter
D	25.591 Inch 650 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Design Unit	METRIC
Bearing Weight	180.000 Kg
Cage Type	YMB
UPC Code	087796029064
d - Bore	440.000 mm
D - Outer Diameter	650.000 mm
B - Inner Ring Width	157 mm
B - Outer Ring Width	157.000 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	489.000 mm
Da - Outer Ring Backing Diameter	603.000 mm
C0 - Static Radial Rating	6970000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	3750000 N
e - ISO Factor ³	0.22
Y0 - ISO Factor ⁴	3.04
Y1 - ISO Factor ⁵	4.53
Y2 - ISO Factor ⁶	2.97



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Reference Thermal Speed Rating (Grease)	590
Reference Thermal Speed Rating (Oil) ⁷	680
Cg - Geometry Factor ⁸	0.0963