



Original NSK Bearing LTD



33.465 Inch | 850 Millimeter x 40.551 Inch |
 1,030 Millimeter x 5.354 Inch | 136 Millimeter
 TIMKEN 238/850YMBW20W45A Spherical
 Roller Bearings

Bearing No. 238/850YMBW20W45A

238/850YMBW20W45A Bearing 2D drawings and 3D
 CAD models

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	239.497
EAN	0087796193819
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	850MM Straight Bore; 1030MM Outside Diameter; 136MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable



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Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	238/850 YMBW20W45A
Weight / LBS	528
d	33.465 Inch 850 Millimeter
D	40.551 Inch 1,030 Millimeter
B	5.354 Inch 136 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Design Unit	METRIC
Bearing Weight	235.700 Kg
Cage Type	YMB
UPC Code	087796193819
d - Bore	850.000 mm
D - Outer Diameter	1030.000 mm
B - Inner Ring Width	136 mm
B - Outer Ring Width	136.000 mm
R - Inner Ring To Clear Radius ¹	4.000 mm
r - Outer Ring To Clear Radius ²	4.000 mm
da - Inner Ring Backing Diameter	900.000 mm
Da - Outer Ring Backing Diameter	993.000 mm
C0 - Static Radial Rating	10400000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	3920000 N
e - ISO Factor ³	0.11



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Y0 - ISO Factor ⁴	6.23
Y1 - ISO Factor ⁵	9.27
Y2 - ISO Factor ⁶	6.09
Reference Thermal Speed Rating (Grease)	140
Reference Thermal Speed Rating (Oil) ⁷	150
Cg - Geometry Factor ⁸	0.141