



BEARING CORP.OF AMERICA



NJ2320EMA Bearing 2D drawings and 3D CAD models

3.937 Inch | 100 Millimeter x 8.465 Inch | 215 Millimeter x 2.874 Inch | 73 Millimeter TIMKEN NJ2320EMA Cylindrical Roller Bearings

Bearing No. NJ2320EMA

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	13.665
EAN	0053893751764
Product Group	B04144
Bore Profile	Straight
Cage Material	Brass
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring - One Side
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	100MM Bore; Straight Bore Profile; 215MM Outside Diameter; 73MM Width;



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	Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Inter
Category	Cylindrical Roller Bearings
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	NJ2320EMA
Weight / LBS	30.1
D	8.465 Inch 215 Millimeter
d	3.937 Inch 100 Millimeter
B	2.874 Inch 73 Millimeter
Design Units	METRIC
Bearing Weight	13.7 Kg
Type	NU
Tapered Bore	N
d - Bore	100 mm
D - Outer Diameter	215 mm
C - Inner Ring Width	73.000 mm
B - Outer Ring Width	73.000 mm
C0 - Static Radial Rating	737000 N
C - Dynamic Radial Rating ¹	658000 N
Reference Thermal Speed Rating (Grease)	2200
Reference Thermal Speed Rating (Oil) ²	2500
Cg - Geometry Factor ³	0.1163
R - Inner Ring To Clear Radius ⁴	2.500 mm
r - Outer Ring To Clear Radius ⁵	2.500 mm



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da - Inner Ring Backing Diameter	120.000 mm
Da - Outer Ring Backing Diameter	0.000 mm