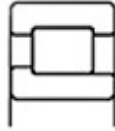




# GARLOCK BEARINGS LTD



NJ319EMA Bearing 2D drawings and 3D CAD models

3.74 Inch | 95 Millimeter x 7.874 Inch | 200 Millimeter x 1.772 Inch | 45 Millimeter TIMKEN NJ319EMA Cylindrical Roller Bearings

Bearing No. NJ319EMA

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	7.264
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	95MM Bore; Straight Bore Profile; 200MM Outside Diameter; 45MM Width; Brass Cage Material; RBEC 1   ISO P0; Single Row;



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	Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Intern
Category	Cylindrical Roller Bearings
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.timken.com">http://www.timken.com</a>
Manufacturer Item Number	NJ319EMA
Weight / LBS	16
B	1.772 Inch   45 Millimeter
d	3.74 Inch   95 Millimeter
D	7.874 Inch   200 Millimeter
Design Units	METRIC
Bearing Weight	7.3 Kg
Type	NJ
Tapered Bore	N
d - Bore	95 mm
D - Outer Diameter	200 mm
C - Inner Ring Width	95.000 mm
B - Outer Ring Width	45 mm
C0 - Static Radial Rating	395000 N
C - Dynamic Radial Rating <sup>1</sup>	379000 N
Reference Thermal Speed Rating (Grease)	4600
Reference Thermal Speed Rating (Oil) <sup>2</sup>	5400
Cg - Geometry Factor <sup>3</sup>	0.099
R - Inner Ring To Clear Radius <sup>4</sup>	2.500 mm
r - Outer Ring To Clear Radius <sup>5</sup>	2.500 mm
da - Inner Ring Backing Diameter	115.000 mm



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Da - Outer Ring Backing Diameter	0.000 mm
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