



# Bearing industry co., Ltd.



NJ318EMA Bearing 2D drawings and 3D CAD models

3.543 Inch | 90 Millimeter x 7.48 Inch | 190 Millimeter x 1.693 Inch | 43 Millimeter TIMKEN NJ318EMA Cylindrical Roller Bearings

Bearing No. NJ318EMA

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	6.161
EAN	0053893751825
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	90MM Bore; Straight Bore Profile; 190MM Outside Diameter; 43MM 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 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	NJ318EMA
Weight / LBS	13.6
D	7.48 Inch   190 Millimeter
B	1.693 Inch   43 Millimeter
d	3.543 Inch   90 Millimeter
Design Units	METRIC
Bearing Weight	6.2 Kg
Type	NU
Tapered Bore	N
d - Bore	90 mm
D - Outer Diameter	190 mm
C - Inner Ring Width	43 mm
B - Outer Ring Width	43 mm
C0 - Static Radial Rating	362000 N
C - Dynamic Radial Rating <sup>1</sup>	359000 N
Reference Thermal Speed Rating (Grease)	3200
Reference Thermal Speed Rating (Oil) <sup>2</sup>	3700
Cg - Geometry Factor <sup>3</sup>	0.0944
R - Inner Ring To Clear Radius <sup>4</sup>	2.500 mm
r - Outer Ring To Clear Radius <sup>5</sup>	2.500 mm



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da - Inner Ring Backing Diameter	108.000 mm
Da - Outer Ring Backing Diameter	0.000 mm