



Hkgk Tic. A.?



NJ320EMA Bearing 2D drawings and 3D CAD models

TIMKEN NJ320EMA Tapered Roller Bearings Tapered Single Metric

Bearing No. NJ320EMA

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	8.808
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; 47MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side



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	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	NJ320EMA
Weight / LBS	19.4
B	1.85 Inch 47 Millimeter
d	3.937 Inch 100 Millimeter
D	8.465 Inch 215 Millimeter
Design Units	METRIC
Bearing Weight	8.8 Kg
Type	NJ
Tapered Bore	N
d - Bore	100 mm
D - Outer Diameter	215 mm
C - Inner Ring Width	47 mm
B - Outer Ring Width	47 mm
C0 - Static Radial Rating	442000 N
C - Dynamic Radial Rating ¹	437000 N
Reference Thermal Speed Rating (Grease)	2900
Reference Thermal Speed Rating (Oil) ²	3300
Cg - Geometry Factor ³	0.1025
R - Inner Ring To Clear Radius ⁴	2.500 mm
r - Outer Ring To Clear Radius ⁵	2.500 mm
da - Inner Ring Backing Diameter	121.000 mm



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Da - Outer Ring Backing Diameter	0.000 mm
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