



BEARING USA CORP.



3.937 Inch | 100 Millimeter x 7.087 Inch | 180 Millimeter x 1.339 Inch | 34 Millimeter Timken NU220EMA Cylindrical Roller Bearing

Bearing No. NU220EMA

NU220EMA Bearing 2D drawings and 3D CAD models

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	3.715
EAN	0053893752075
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 - Both Sides
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 Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	100MM Bore; Straight Bore Profile; 180MM Outside Diameter; 34MM Width;



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	Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
Category	Cylindrical Roller Bearings
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	NU220EMA
Weight / LBS	8.377
B	1.339 Inch 34 Millimeter
D	7.087 Inch 180 Millimeter
d	3.937 Inch 100 Millimeter
Design Units	METRIC
Bearing Weight	3.8 Kg
Type	NU
Tapered Bore	N
d - Bore	100 mm
D - Outer Diameter	180 mm
C - Inner Ring Width	34 mm
B - Outer Ring Width	34 mm
C0 - Static Radial Rating	311000 N
C - Dynamic Radial Rating ¹	280000 N
Reference Thermal Speed Rating (Grease)	3000
Reference Thermal Speed Rating (Oil) ²	3500
Cg - Geometry Factor ³	0.0948
R - Inner Ring To Clear Radius ⁴	2.0 mm
r - Outer Ring To Clear Radius ⁵	2.0 mm



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da - Inner Ring Backing Diameter	115.000 mm
Da - Outer Ring Backing Diameter	0.000 mm