



Timken Making Bearings LTD



3.937 Inch | 100 Millimeter x 7.087 Inch | 180 Millimeter x 1.811 Inch | 46 Millimeter Timken NJ2220EMA Cylindrical Roller Bearings

Bearing No. NJ2220EMA

NJ2220EMA Bearing 2D drawings and 3D CAD models

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	5.266
EAN	0053893773223
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; 180MM Outside Diameter; 46MM 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	NJ2220EMA
Weight / LBS	11.6
B	1.811 Inch 46 Millimeter
d	3.937 Inch 100 Millimeter
D	7.087 Inch 180 Millimeter
Design Units	METRIC
Bearing Weight	5.3 Kg
Type	NJ
Tapered Bore	N
d - Bore	100 mm
D - Outer Diameter	180 mm
C - Inner Ring Width	46 mm
B - Outer Ring Width	46 mm
C0 - Static Radial Rating	451000 N
C - Dynamic Radial Rating ¹	377000 N
Reference Thermal Speed Rating (Grease)	2500
Reference Thermal Speed Rating (Oil) ²	2900
Cg - Geometry Factor ³	0.104
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