



Hebei Xiantong Bearing Co., Ltd.



NJ224EMA Bearing 2D drawings and 3D CAD models

NJ224EMA Timken Cylindrical Roller Bearing

Bearing No. NJ224EMA

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	6.583
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	120MM Bore; Straight Bore Profile; 215MM Outside Diameter; 40MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring;



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	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	NJ224EMA
Weight / LBS	14.5
B	1.575 Inch 40 Millimeter
d	4.724 Inch 120 Millimeter
D	8.465 Inch 215 Millimeter
Design Units	METRIC
Bearing Weight	6.6 Kg
Type	NJ
Tapered Bore	N
d - Bore	120 mm
D - Outer Diameter	215 mm
C - Inner Ring Width	40 mm
B - Outer Ring Width	40 mm
C0 - Static Radial Rating	431000 N
C - Dynamic Radial Rating ¹	379000 N
Reference Thermal Speed Rating (Grease)	2600
Reference Thermal Speed Rating (Oil) ²	3000
Cg - Geometry Factor ³	0.1089
R - Inner Ring To Clear Radius ⁴	2.0 mm
r - Outer Ring To Clear Radius ⁵	2.0 mm
da - Inner Ring Backing Diameter	138.000 mm
Da - Outer Ring Backing	0.000 mm



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Diameter	
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