



# SNR BEARING CORP.OF AMERICA

## 120 mm x 215 mm x 40 mm NTN NJ224EG1 Single row cylindrical roller bearings

Bearing No. NJ224EG1

d	120 mm
D	215 mm
B	40 mm
E	195.5 mm
F	143.5 mm
d1	153.9 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	6.12 kg
Dynamic load, C	335 kN
Static load, C0	420 kN
Fatigue limit load, Cu	43.9 kN
Nlim (oil)	3,400 rpm
Nlim (grease)	2,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.37 Hz
Characteristic outer ring frequency, BPF0	7.2 Hz
Characteristic inner ring frequency, BPF1	9.8 Hz

NJ224EG1 Bearing 2D drawings and 3D CAD models



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da min	131 mm
da max	141 mm
dc min	156 mm
Da max	204 mm
ra max	2 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	6.14
EAN	4547359120240
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 Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	NJ224EG1
Weight / LBS	13.525
Bore	4.724 Inch   120 Millimeter
Outside Diameter	8.465 Inch   215 Millimeter
Width	1.575 Inch   40 Millimeter