



# SNR BEARING CORP.OF AMERICA



70 mm x 125 mm x 31 mm NTN NJ2214 Single row cylindrical roller bearings

Bearing No. NJ2214

NJ2214 Bearing 2D drawings and 3D CAD models

Size	70x125x31 mm
Bore Diameter	70 mm
Outer Diameter	125 mm
Width	31 mm
d	70 mm
Fw	84,5 mm
D	125 mm
B	31 mm
C	31 mm
r min.	1,5 mm
r1 min.	1,5 mm
J	89,6 mm
Weight	1,47 Kg
Basic dynamic load rating (C)	119 kN
Basic static load rating (C0)	151 kN
(Grease) Lubrication Speed	5 000 r/min
E	110.5 mm
F	84.5 mm
d1	89.6 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	1.56 kg
Dynamic load, C	119 kN
Static load, C0	151 kN



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Fatigue limit load, Cu	18.4 kN
Nlim (oil)	5,900 rpm
Nlim (grease)	5,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.37 Hz
Characteristic outer ring frequency, BPF0	6.93 Hz
Characteristic inner ring frequency, BRF1	9.07 Hz
da min	78 mm
da max	82 mm
dc min	92 mm
Da max	117 mm
ra max	1.5 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.54
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
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



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Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	1 Rib Inner Ring   2 Rib Outer Ring   Cage On Outer Ring ID
Long Description	70MM Bore; Straight Bore Profile; 125MM Outside Diameter; 31MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Intern
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	NJ2214
Weight / LBS	3.39
Width	1.22 Inch   31 Millimeter
Outside Diameter	4.921 Inch   125 Millimeter
Bore	2.756 Inch   70 Millimeter