



## LLC NTN-SNR BEARINGS RUS



### 60 mm x 130 mm x 31 mm NTN NU312 cylindrical roller bearings

Bearing No. NU312

Size	60x130x31 mm
Bore Diameter	60 mm
Outer Diameter	130 mm
Width	31 mm
d	60 mm
Fw	77 mm
D	130 mm
B	31 mm
C	31 mm
r min.	2,1 mm
r1 min.	2,1 mm
Weight	1,8 Kg
Basic dynamic load rating (C)	124 kN
Basic static load rating (C0)	126 kN
(Grease) Lubrication Speed	5 500 r/min
E	113 mm
F	77 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	1.78 kg
Dynamic load, C	124 kN
Static load, C0	126 kN
Fatigue limit load, Cu	15.4 kN
Nlim (oil)	6,500 rpm

NU312 Bearing 2D drawings and 3D CAD models



## LLC NTN-SNR BEARINGS RUS

Nlim (grease)	5,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	5.09 Hz
Characteristic outer ring frequency, BPF0	4.86 Hz
Characteristic inner ring frequency, BRF1	7.14 Hz
da min	71 mm
da max	75 mm
db min	79 mm
Da max	119 mm
ra max	2 mm
r1a max	2 mm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.79
EAN	4547359000634
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 - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring



## LLC NTN-SNR BEARINGS RUS

Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	Plain Inner Ring   2 Rib Outer Ring   Cage On Outer Ring ID
Long Description	60MM Bore; Straight Bore Profile; 130MM Outside Diameter; 31MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
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	NU312
Weight / LBS	3.932
Outside Diameter	5.118 Inch   130 Millimeter
Bore	2.362 Inch   60 Millimeter
Width	1.22 Inch   31 Millimeter