



NTN-SNR BEARING RULMENTI S.R.L.

12 mm x 28 mm x 8 mm NTN 6001LLUNR/5K
Single row deep groove ball bearings

Bearing No. 6001LLUNR/5K

d	12 mm
D	28 mm
B	8 mm
a min	1.55 mm
a max	1.73 mm
Ca min	2.35 mm
Ca max	3.05 mm
rs min	0.3 mm
rNs min	0.3 mm
D3 max	26.7 mm
b min	0.95 mm
b max	1.2 mm
r0 max	0.3 mm
D4 max	32.7 mm
f	0.8 mm
Snap ring reference	R28
Radial clearance class	CN
Mass	0.02 kg
Dynamic load, C	5.1 kN
Static load, C0	2.39 kN
Fatigue limit load, Cu	0.11 kN
f0	13.2
Nlim (grease)	18,000 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature,	110 ° C

6001LLUNR/5K Bearing 2D drawings and 3D CAD models



NTN-SNR BEARING RULMENTI S.R.L.

Tmax	
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.07 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BRFI	4.93 Hz
da min	14 mm
da max	16 mm
Da max	26 mm
ra max	0.3 mm
rNa max	0.3 mm
Db min	33.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.025
Product Group	B00308
Enclosure	2 Seals
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Enclosure Type	Contact Seal
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	12MM Bore; 28MM Outside Diameter; 8MM



NTN-SNR BEARING RULMENTI S.R.L.

	Outer Race Width; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage;
Other Features	Deep Groove Double Lip Friction Nitrile Rubber Seal With Snap Ring -20 To 120 Deg C Prelubricated
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Weight / LBS	0.049
Outer Race Width	0.315 Inch 8 Millimeter
Outside Diameter	1.102 Inch 28 Millimeter
Bore	0.472 Inch 12 Millimeter
Inner Race Width	0 Inch 0 Millimeter