



## NTN-SNR BEARING RULMENTI S.R.L.

12 mm x 28 mm x 8 mm NTN 6001LLBC3/6K  
Single row deep groove ball bearings

Bearing No. 6001LLBC3/6K

d	12 mm
D	28 mm
B	8 mm
rs min	0.3 mm
Radial clearance class	C3
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)	26,000 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
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, BPFI	4.93 Hz
da min	14 mm
da max	16 mm
Da max	26 mm
ra max	0.3 mm

6001LLBC3/6K Bearing 2D drawings and 3D CAD models



## NTN-SNR BEARING RULMENTI S.R.L.

Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.021
Product Group	B00308
Enclosure	2 Seals
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Enclosure Type	Non-Contact Seal
Internal Clearance	C3-Loose
Inch - Metric	Metric
Long Description	12MM Bore; 28MM Outside Diameter; 8MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C3-Loose Internal Clearance; Steel Cage; No
Other Features	Deep Groove   Non-Friction Nitrile Rubber Seal   Prelubricated
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Weight / LBS	0.0546



## NTN-SNR BEARING RULMENTI S.R.L.

Bore	0.472 Inch   12 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.315 Inch   8 Millimeter
Outside Diameter	1.102 Inch   28 Millimeter