



# NUP BEARING LTD

65 mm x 100 mm x 18 mm NTN  
6013LLBC3/5K Single row deep groove ball  
bearings

Bearing No. 6013LLBC3/5K

d	65 mm
D	100 mm
B	18 mm
rs min	1.1 mm
Radial clearance class	C3
Mass	0.42 kg
Dynamic load, C	30.5 kN
Static load, C0	25.2 kN
Fatigue limit load, Cu	1.15 kN
f0	15.8
Nlim (grease)	6,500 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.87 Hz
Characteristic outer ring frequency, BPF0	6.56 Hz
Characteristic inner ring frequency, BPF1	8.44 Hz
da min	71.5 mm
da max	74 mm
Da max	93.5 mm

6013LLBC3/5K Bearing 2D drawings and 3D CAD models



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ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.441
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	65MM Bore; 100MM Outside Diameter; 18MM 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;
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>



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Weight / LBS	1.037
Outer Race Width	0.709 Inch   18 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter
Bore	2.559 Inch   65 Millimeter
Inner Race Width	0 Inch   0 Millimeter