



SNR BEARING CORP.OF AMERICA

20 mm x 42 mm x 12 mm NTN
6004LLBCM/5C Single row deep groove ball
bearings

Bearing No. 6004LLBCM/5C

d	20 mm
D	42 mm
B	12 mm
rs min	0.6 mm
Radial clearance class	CM
Mass	0.07 kg
Dynamic load, C	9.4 kN
Static load, C0	5.05 kN
Fatigue limit load, Cu	0.23 kN
f0	13.9
Nlim (grease)	18,000 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.76 Hz
Characteristic outer ring frequency, BPF0	3.59 Hz
Characteristic inner ring frequency, BPFI	5.41 Hz
da min	24 mm
da max	26 mm
Da max	38 mm

6004LLBCM/5C Bearing 2D drawings and 3D CAD models



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ra max	0.6 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.068
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	Special
Inch - Metric	Metric
Long Description	20MM Bore; 42MM Outside Diameter; 12MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; Special Internal Clearance; Steel Cage; No
Other Features	Deep Groove Non-Friction Nitrile Rubber Seal Chevron SR12 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.co



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	m
Weight / LBS	0.14991
Outer Race Width	0.472 Inch 12 Millimeter
Bore	0.787 Inch 20 Millimeter
Outside Diameter	1.654 Inch 42 Millimeter
Inner Race Width	0 Inch 0 Millimeter