



# SNR BEARING CORP.OF AMERICA



6003LB Bearing 2D drawings and 3D CAD models

17,000 mm x 35,000 mm x 10,000 mm NTN  
6003LB Single row deep groove ball bearings

Bearing No. 6003LB

Size	17x35x10 mm
Bore Diameter	17,000 mm
Outer Diameter	35,000 mm
Width	10,000 mm
d	17,000 mm
D	35,000 mm
B	10,000 mm
C	10,000 mm
rs min	0.3 mm
Radial clearance class	CN
Mass	0.04 kg
Dynamic load, C	6.8 kN
Static load, C0	3.35 kN
Fatigue limit load, Cu	0.15 kN
f0	13.6
Nlim (oil)	24,000 rpm
Nlim (grease)	20,000 rpm
Min operating temperature, Tmin	-25 ° C
Max operating temperature, Tmax	110 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.47 Hz
Characteristic outer ring frequency, BPF0	3.14 Hz



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Characteristic inner ring frequency, BPF1	4.86 Hz
da min	19 mm
da max	21 mm
Da max	33 mm
ra max	0.3 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.037
Product Group	B00308
Enclosure	1 Seal
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	C0-Medium
Inch - Metric	Metric
Long Description	17MM Bore; 35MM Outside Diameter; 10MM Outer Race Width; 1 Seal; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage; N
Other Features	Deep Groove   Non-Friction Nitrile Rubber Seal
Category	Single Row Ball Bearing
UNSPSC	31171504



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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	0.08598
Outside Diameter	1.378 Inch   35 Millimeter
Outer Race Width	0.394 Inch   10 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore	0.669 Inch   17 Millimeter