



SNR BEARING CORP.OF AMERICA

17 mm x 35 mm x 10 mm NTN 6003ZZC3/5K
Single row deep groove ball bearings

Bearing No. 6003ZZC3/5K

d	17 mm
D	35 mm
B	10 mm
rs min	0.3 mm
Radial clearance class	C3
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 (grease)	20,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.47 Hz
Characteristic outer ring frequency, BPF0	3.14 Hz
Characteristic inner ring frequency, BPF1	4.86 Hz
da min	19 mm
Da max	33 mm
ra max	0.3 mm
Category	Single Row Ball Bearings

6003ZZC3/5K Bearing 2D drawings and 3D CAD models



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Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.04
Product Group	B00308
Enclosure	2 Metal Shields
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
Internal Clearance	C3-Loose
Inch - Metric	Metric
Long Description	17MM Bore; 35MM Outside Diameter; 10MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C3-Loose Internal Clearance; Steel
Other Features	Deep Groove 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	0.08598
Outside Diameter	1.378 Inch 35 Millimeter
Inner Race Width	0 Inch 0 Millimeter



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Bore	0.669 Inch 17 Millimeter
Outer Race Width	0.394 Inch 10 Millimeter