



## SAF BEARING LIMITED

### 17 mm x 35 mm x 10 mm NTN 6003ZZ/5C Single row deep groove ball bearings

Bearing No. 6003ZZ/5C

d	17 mm
D	35 mm
B	10 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 (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, BRF1	4.86 Hz
da min	19 mm
Da max	33 mm
ra max	0.3 mm
Category	Single Row Ball Bearings

6003ZZ/5C Bearing 2D drawings and 3D CAD models



## SAF BEARING LIMITED

Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
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	C0-Medium
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; C0-Medium Internal Clearance; Stee
Other Features	Deep Groove   Chevron SRI2 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	0.08598
Bore	0.669 Inch   17 Millimeter
Outside Diameter	1.378 Inch   35 Millimeter



## SAF BEARING LIMITED

Outer Race Width	0.394 Inch   10 Millimeter
Inner Race Width	0 Inch   0 Millimeter