

# 6003C3



## 6003C3 Bearing dimensions and specification in NTN catalogue:

B	10 mm
D	35 mm
d	17 mm
D1	29.1 mm
d1	22.9 mm
f0	14.4
Mass	0.04 kg
Nlim	35,000 rpm
Nref	20,000 rpm
Brand	SNR

# SNR 6003C3 Single Row Deep Groove Ball Bearings Bearing Data Sheet:

Da max	33 mm
da min	19 mm
ra max	0.3 mm
rs min	0.3 mm
Dynamic load, C	5.9 kN
Static load, C0	3.25 kN
Fatigue limit load, Cu	0.15 kN
Radial clearance class	C3
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic inner ring frequency, BPF1	5.92 Hz
Characteristic outer ring frequency, BPF0	4.08 Hz
Characteristic rolling element frequency, BSF	5.28 Hz