

# 6003LLU/5K



## 6003LLU/5K Bearing dimensions and specification in NTN catalogue:

B	10 mm
D	35 mm
d	17 mm
f0	13.6
Mass	0.04 kg
Brand	NTN
Da max	33 mm
da max	21 mm
da min	19 mm
ra max	0.3 mm

# NTN 6003LLU/5K Single Row Deep Groove Ball Bearings

## Bearing Data Sheet:

rs min	0.3 mm
Nlim (grease)	14,000 rpm
Dynamic load, C	6.8 kN
Static load, C0	3.35 kN
Fatigue limit load, Cu	0.15 kN
Radial clearance class	CN
Max operating temperature, Tmax	110 °C
Min operating temperature, Tmin	-25 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic inner ring frequency, BPF1	4.86 Hz
Characteristic outer ring frequency, BPF0	3.14 Hz
Characteristic rolling element frequency, BSF	4.47 Hz