



NTN-SNR BEARING RULMENTI S.R.L.

17 mm x 40 mm x 12 mm SNR 7203B Single row
or matched pairs of angular contact ball bearings

Bearing No. 7203B

d	17 mm
D	40 mm
B	12 mm
d1	26.3 mm
d2	22.1 mm
D1	31 mm
D2	35.6 mm
a	18 mm
Contact angle	40 °
rs min	0.6 mm
r1s min	0.6 mm
Mass	0.06 kg
Dynamic load, C	9.9 kN
Static load, C0	5.5 kN
Fatigue limit load, Cu	0.25 kN
Nref	18,000 rpm
Nlim	21,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	4.08 Hz
Characteristic outer ring frequency, BPF0	4.5 Hz

7203B Bearing 2D drawings and 3D CAD models



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Characteristic inner ring frequency, BPFI	6.5 Hz
da min	21.5 mm
db min	21.5 mm
Da max	35.5 mm
Db max	35.5 mm
r1a max	0.6 mm
ra max	0.6 mm