



BEARING CORP.OF AMERICA

17 mm x 40 mm x 17.5 mm SNR 5203ZZG15C3
Double row angular contact ball bearings

Bearing No. 5203ZZG15C3

d	17 mm
D	40 mm
B	17.5 mm
d1	24 mm
D1	34.9 mm
a	20.4 mm
Contact angle	25 °
rs min	0.6 mm
Radial clearance class	C3
Precision class	P0
Mass	0.08 kg
Dynamic load, C	14.2 kN
Static load, C0	9 kN
Fatigue limit load, Cu	0.59 kN
f0	13.6
Nref	13,000 rpm
Nlim	14,000 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	4.03 Hz
Characteristic outer ring frequency, BPF0	3.14 Hz

5203ZZG15C3 Bearing 2D drawings and 3D CAD models



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Characteristic inner ring frequency, BPF1	4.86 Hz
da min	21 mm
da max	24 mm
Da max	36 mm
ra max	0.6 mm