



## BEARING CORP.OF AMERICA

17 mm x 40 mm x 17.5 mm SNR 5203EEG15C3  
Double row angular contact ball bearings

Bearing No. 5203EEG15C3

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
Nlim	12,000 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
Characteristic inner ring	4.86 Hz

5203EEG15C3 Bearing 2D drawings and 3D CAD models



## BEARING CORP.OF AMERICA

frequency, BPFI	
da min	21 mm
da max	24 mm
Da max	36 mm
ra max	0.6 mm