



BEARING CORP.OF AMERICA



17,000 mm x 40,000 mm x 17,500 mm SNR
3203A Double row angular contact ball bearings

Bearing No. 3203A

Size	17x40x17.500 mm
Bore Diameter	17,000 mm
Outer Diameter	40,000 mm
Width	17,500 mm
d	17,000 mm
D	40,000 mm
B	17,500 mm
C	17,500 mm
d1	24 mm
D1	33.1 mm
a	20.4 mm
Contact angle	25 °
rs min	0.6 mm
Radial clearance class	CN
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	17,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C

3203A Bearing 2D drawings and 3D CAD models



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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 frequency, BRFI	4.86 Hz
da min	21 mm
Da max	36 mm
ra max	0.6 mm