



BEARING CORP.OF AMERICA

20 mm x 52 mm x 22.2 mm SNR 3304A Double row angular contact ball bearings

Bearing No. 3304A

d	20 mm
D	52 mm
B	22.2 mm
d1	30 mm
D1	45 mm
a	26.4 mm
Contact angle	25 °
rs min	1.1 mm
Radial clearance class	CN
Precision class	P0
Mass	0.21 kg
Dynamic load, C	22.9 kN
Static load, C0	15.1 kN
Fatigue limit load, Cu	0.95 kN
f0	13.6
Nref	9,100 rpm
Nlim	13,000 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	4.04 Hz
Characteristic outer ring frequency, BPF0	3.14 Hz

3304A Bearing 2D drawings and 3D CAD models



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Characteristic inner ring frequency, BPFI	4.86 Hz
da min	26.5 mm
Da max	45.5 mm
ra max	1 mm