



# BEARING CORP.OF AMERICA



3309A Bearing 2D drawings and 3D CAD models

45,000 mm x 100,000 mm x 39,700 mm SNR  
3309A Double row angular contact ball bearings

Bearing No. 3309A

Size	45x100x39.700 mm
Bore Diameter	45,000 mm
Outer Diameter	100,000 mm
Width	39,700 mm
d	45,000 mm
D	100,000 mm
B	39,700 mm
C	39,700 mm
d1	62.3 mm
D1	81.6 mm
a	50.1 mm
Contact angle	25 °
rs min	1.5 mm
Radial clearance class	CN
Precision class	P0
Mass	1.21 kg
Dynamic load, C	66.2 kN
Static load, C0	51 kN
Fatigue limit load, Cu	3.15 kN
f0	13.9
Nref	5,500 rpm
Nlim	6,600 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C



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Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.34 Hz
Characteristic outer ring frequency, BPF0	3.2 Hz
Characteristic inner ring frequency, BRFI	4.8 Hz
da min	53 mm
Da max	92 mm
ra max	1.5 mm