



BEARING CORP.OF AMERICA



3311A Bearing 2D drawings and 3D CAD models

55,000 mm x 120,000 mm x 49,200 mm SNR
3311A Double row angular contact ball bearings

Bearing No. 3311A

Size	55x120x49.200 mm
Bore Diameter	55,000 mm
Outer Diameter	120,000 mm
Width	49,200 mm
d	55,000 mm
D	120,000 mm
B	49,200 mm
C	49,200 mm
d1	75.2 mm
D1	98.4 mm
a	61.2 mm
Contact angle	25 °
rs min	2 mm
Radial clearance class	CN
Precision class	P0
Mass	2.11 kg
Dynamic load, C	98.6 kN
Static load, C0	78.8 kN
Fatigue limit load, Cu	4.9 kN
f0	13.8
Nref	5,000 rpm
Nlim	5,500 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	4.2 Hz
Characteristic outer ring frequency, BPF0	3.17 Hz
Characteristic inner ring frequency, BPFI	4.83 Hz
da min	64 mm
Da max	111 mm
ra max	2 mm