



# BEARING CORP.OF AMERICA



60,000 mm x 110,000 mm x 36,500 mm SNR  
3212A Double row angular contact ball bearings

Bearing No. 3212A

3212A Bearing 2D drawings and 3D CAD models

Size	60x110x36.500 mm
Bore Diameter	60,000 mm
Outer Diameter	110,000 mm
Width	36,500 mm
d	60,000 mm
D	110,000 mm
B	36,500 mm
C	36,500 mm
d1	75.8 mm
D1	94.4 mm
a	55.1 mm
Contact angle	25 °
rs min	1.5 mm
Radial clearance class	CN
Precision class	P0
Mass	1.18 kg
Dynamic load, C	68 kN
Static load, C0	61.5 kN
Fatigue limit load, Cu	3.7 kN
f0	14.9
Nref	5,200 rpm
Nlim	5,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C



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Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.49 Hz
Characteristic outer ring frequency, BPF0	4.2 Hz
Characteristic inner ring frequency, BRFI	5.8 Hz
da min	68 mm
Da max	102 mm
ra max	1.5 mm