



# BEARING CORP.OF AMERICA



3217 Bearing 2D drawings and 3D CAD models

85,000 mm x 150,000 mm x 49,200 mm SNR  
3217 Double row angular contact ball bearings

Bearing No. 3217

Size	85x150x49.200 mm
Bore Diameter	85,000 mm
Outer Diameter	150,000 mm
Width	49,200 mm
d	85,000 mm
D	150,000 mm
B	49,200 mm
C	49,200 mm
d1	101.1 mm
D1	138.3 mm
a	97.1 mm
Contact angle	35 °
rs min	2 mm
Radial clearance class	CN
Precision class	P0
Mass	3.57 kg
Dynamic load, C	129 kN
Static load, C0	151 kN
Fatigue limit load, Cu	8.9 kN
f0	15.8
Nref	4,000 rpm
Nlim	4,200 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C



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Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	6.42 Hz
Characteristic outer ring frequency, BPF0	7.87 Hz
Characteristic inner ring frequency, BPFI	10.13 Hz
da min	94 mm
Da max	141 mm
ra max	2 mm