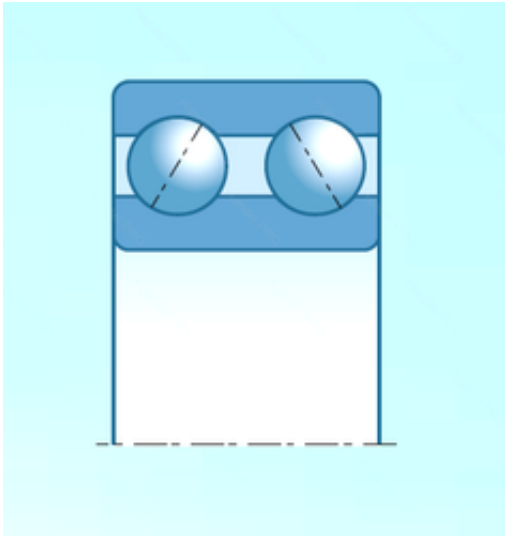




BEARING CORP.OF AMERICA



45,000 mm x 85,000 mm x 30,200 mm SNR
5209NRZZG15 Double row angular contact ball
bearings

Bearing No. 5209NRZZG15

Size	45x85x30.200 mm
Bore Diameter	45,000 mm
Outer Diameter	85,000 mm
Width	30,200 mm
d	45,000 mm
D	85,000 mm
B	30,200 mm
C	30,200 mm
d1	57.2 mm
D1	75.4 mm
a	43.2 mm
Contact angle	25 °
a min	3.07 mm
a max	3.28 mm
rs min	1.1 mm
rNs min	0.6 mm
D3 max	81.81 mm
b min	1.9 mm
b max	2.2 mm
r0 max	0.6 mm
D4 max	91.6 mm
f	1.65 mm
Snap ring reference	R 85
Radial clearance class	CN
Precision class	P0

5209NRZZG15 Bearing 2D drawings and 3D CAD
models



BEARING CORP.OF AMERICA

Mass	0.71 kg
Dynamic load, C	45.7 kN
Static load, C0	37.2 kN
Fatigue limit load, Cu	2.27 kN
f0	14.6
Nref	6,500 rpm
Nlim	6,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.04 Hz
Characteristic outer ring frequency, BPF0	3.72 Hz
Characteristic inner ring frequency, BPFI	5.28 Hz
da min	51.5 mm
da max	57.2 mm
Da max	78.5 mm
Ca min	4.67 mm
Ca max	4.98 mm
ra max	1 mm
rNa max	0.6 mm
Db min	93 mm