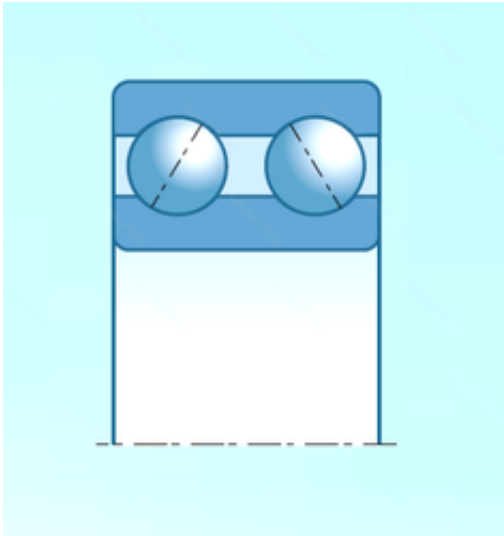




# BEARING CORP.OF AMERICA



20,000 mm x 52,000 mm x 22,200 mm SNR  
5304NRZZG15 Double row angular contact ball  
bearings

Bearing No. 5304NRZZG15

Size	20x52x22.200 mm
Bore Diameter	20,000 mm
Outer Diameter	52,000 mm
Width	22,200 mm
d	20,000 mm
D	52,000 mm
B	22,200 mm
C	22,200 mm
d1	29.2 mm
D1	45 mm
a	26.4 mm
Contact angle	25 °
a min	2.31 mm
a max	2.46 mm
rs min	1.1 mm
rNs min	0.6 mm
D3 max	49.73 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	57.9 mm
f	1.07 mm
Snap ring reference	R 52
Radial clearance class	CN
Precision class	P0

5304NRZZG15 Bearing 2D drawings and 3D CAD  
models



## BEARING CORP.OF AMERICA

Mass	0.2 kg
Dynamic load, C	22.2 kN
Static load, C <sub>0</sub>	14.6 kN
Fatigue limit load, C <sub>u</sub>	0.92 kN
f <sub>0</sub>	13.2
N <sub>ref</sub>	9,100 rpm
N <sub>lim</sub>	10,000 rpm
Min operating temperature, T <sub>min</sub>	-20 ° C
Max operating temperature, T <sub>max</sub>	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.04 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	3.14 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	4.86 Hz
d <sub>a min</sub>	26.5 mm
d <sub>a max</sub>	29.2 mm
D <sub>a max</sub>	45.5 mm
C <sub>a min</sub>	3.33 mm
C <sub>a max</sub>	3.58 mm
r <sub>a max</sub>	1 mm
r <sub>Na max</sub>	0.6 mm
D <sub>b min</sub>	58.6 mm