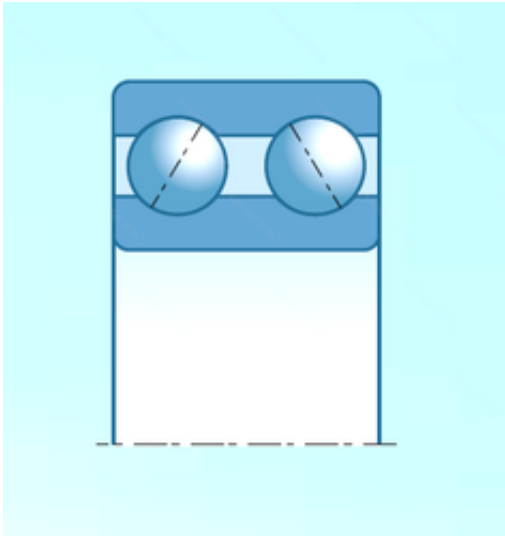




BEARING CORP.OF AMERICA



15,000 mm x 35,000 mm x 15,900 mm SNR
5202NRZZG15 Double row angular contact ball
bearings

Bearing No. 5202NRZZG15

Size	15x35x15.900 mm
Bore Diameter	15,000 mm
Outer Diameter	35,000 mm
Width	15,900 mm
d	15,000 mm
D	35,000 mm
B	15,900 mm
C	15,900 mm
d1	21.1 mm
D1	31.5 mm
a	18 mm
Contact angle	25 °
a min	1.9 mm
a max	2.06 mm
rs min	0.6 mm
rNs min	0.6 mm
D3 max	33.17 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	39.7 mm
f	1.07 mm
Snap ring reference	R 35
Radial clearance class	CN
Precision class	P0

5202NRZZG15 Bearing 2D drawings and 3D CAD
models



BEARING CORP.OF AMERICA

Mass	0.06 kg
Dynamic load, C	11.4 kN
Static load, C0	7.1 kN
Fatigue limit load, Cu	0.48 kN
f0	13.5
Nref	14,000 rpm
Nlim	16,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	3.97 Hz
Characteristic outer ring frequency, BPF0	3.13 Hz
Characteristic inner ring frequency, BPFI	4.87 Hz
da min	19 mm
da max	21.1 mm
Da max	31 mm
Ca min	2.92 mm
Ca max	3.18 mm
ra max	0.6 mm
rNa max	0.6 mm
Db min	40.4 mm