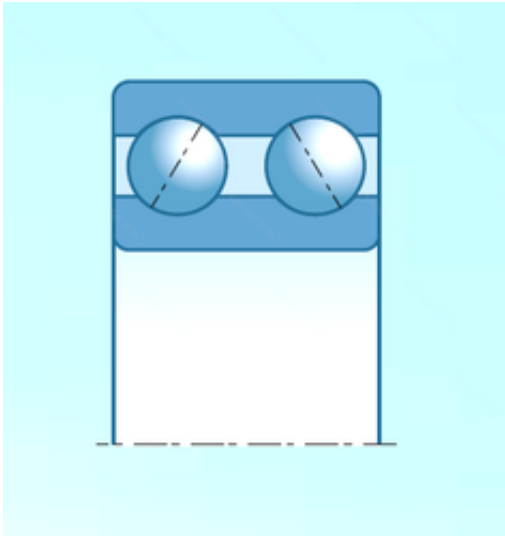




BEARING CORP.OF AMERICA



40,000 mm x 80,000 mm x 30,200 mm SNR
5208NRZZG15 Double row angular contact ball
bearings

Bearing No. 5208NRZZG15

Size	40x80x30.200 mm
Bore Diameter	40,000 mm
Outer Diameter	80,000 mm
Width	30,200 mm
d	40,000 mm
D	80,000 mm
B	30,200 mm
C	30,200 mm
d1	53 mm
D1	71.3 mm
a	40.9 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	76.81 mm
b min	1.9 mm
b max	2.2 mm
r0 max	0.6 mm
D4 max	86.6 mm
f	1.65 mm
Snap ring reference	R 80
Radial clearance class	CN
Precision class	P0

5208NRZZG15 Bearing 2D drawings and 3D CAD
models



BEARING CORP.OF AMERICA

Mass	0.55 kg
Dynamic load, C	46.1 kN
Static load, C ₀	36.3 kN
Fatigue limit load, C _u	2.22 kN
f ₀	14.2
N _{ref}	7,100 rpm
N _{lim}	6,500 rpm
Min operating temperature, T _{min}	-20 ° C
Max operating temperature, T _{max}	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	4.63 Hz
Characteristic outer ring frequency, BPF ₀	3.65 Hz
Characteristic inner ring frequency, BPF _I	5.35 Hz
d _{a min}	46.5 mm
d _{a max}	53 mm
D _{a max}	73.5 mm
C _{a min}	4.67 mm
C _{a max}	4.98 mm
r _{a max}	1 mm
r _{Na max}	0.6 mm
D _{b min}	88 mm