



BEARING CORP.OF AMERICA



40,000 mm x 80,000 mm x 30,200 mm SNR
5208ZZG15 Double row angular contact ball
bearings

Bearing No. 5208ZZG15

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 °
rs min	1.1 mm
Radial clearance class	CN
Precision class	P0
Mass	0.57 kg
Dynamic load, C	46.1 kN
Static load, C0	36.3 kN
Fatigue limit load, Cu	2.22 kN
f0	14.2
Nref	7,100 rpm
Nlim	6,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature,	120 ° C

5208ZZG15 Bearing 2D drawings and 3D CAD models



BEARING CORP.OF AMERICA

Tmax	
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	4.63 Hz
Characteristic outer ring frequency, BPF0	3.65 Hz
Characteristic inner ring frequency, BRFI	5.35 Hz
da min	46.5 mm
da max	53 mm
Da max	73.5 mm
ra max	1 mm