



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

Bearing No. 5208NRZZG15

5208NRZZG15 Bearing 2D drawings and 3D CAD models

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



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Mass	0.55 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, Tmax	120 ° C
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
Ca min	4.67 mm
Ca max	4.98 mm
ra max	1 mm
rNa max	0.6 mm
Db min	88 mm