



BEARING CORP.OF AMERICA



60,000 mm x 130,000 mm x 54,000 mm SNR
5312ZZG15 Double row angular contact ball
bearings

Bearing No. 5312ZZG15

Size	60x130x54 mm
Bore Diameter	60,000 mm
Outer Diameter	130,000 mm
Width	54,000 mm
d	60,000 mm
D	130,000 mm
B	54,000 mm
C	54,000 mm
d1	81.25 mm
D1	113.9 mm
a	67.3 mm
Contact angle	25 °
rs min	2.1 mm
Radial clearance class	CN
Precision class	P0
Mass	2.7 kg
Dynamic load, C	121 kN
Static load, C0	97.9 kN
Fatigue limit load, Cu	6.1 kN
f0	13.7
Nref	4,700 rpm
Nlim	4,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature,	120 ° C

5312ZZG15 Bearing 2D drawings and 3D CAD models



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Tmax	
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.08 Hz
Characteristic outer ring frequency, BPF0	3.15 Hz
Characteristic inner ring frequency, BRFI	4.85 Hz
da min	71 mm
da max	81.25 mm
Da max	119 mm
ra max	2 mm