



## BEARING CORP.OF AMERICA



65,000 mm x 120,000 mm x 38,100 mm SNR  
5213ZZG15 Double row angular contact ball  
bearings

Bearing No. 5213ZZG15

Size	65x120x38.100 mm
Bore Diameter	65,000 mm
Outer Diameter	120,000 mm
Width	38,100 mm
d	65,000 mm
D	120,000 mm
B	38,100 mm
C	38,100 mm
d1	82 mm
D1	106.9 mm
a	59.8 mm
Contact angle	25 °
rs min	1.5 mm
Radial clearance class	CN
Precision class	P0
Mass	1.52 kg
Dynamic load, C	74.1 kN
Static load, C0	70.6 kN
Fatigue limit load, Cu	4.2 kN
f0	14.7
Nref	4,800 rpm
Nlim	4,200 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature,	120 ° C

5213ZZG15 Bearing 2D drawings and 3D CAD models



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Tmax	
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.93 Hz
Characteristic outer ring frequency, BPF0	4.68 Hz
Characteristic inner ring frequency, BRFI	6.32 Hz
da min	73 mm
da max	82 mm
Da max	112 mm
ra max	1.5 mm