



## BEARING CORP.OF AMERICA



35,000 mm x 80,000 mm x 34,900 mm SNR  
5307ZZG15 Double row angular contact ball  
bearings

Bearing No. 5307ZZG15

Size	35x80x34.900 mm
Bore Diameter	35,000 mm
Outer Diameter	80,000 mm
Width	34,900 mm
d	35,000 mm
D	80,000 mm
B	34,900 mm
C	34,900 mm
d1	49.3 mm
D1	68.4 mm
a	41.5 mm
Contact angle	25 °
rs min	1.5 mm
Radial clearance class	CN
Precision class	P0
Mass	0.79 kg
Dynamic load, C	50.2 kN
Static load, C0	34.6 kN
Fatigue limit load, Cu	2.21 kN
f0	13.4
Nref	6,800 rpm
Nlim	6,600 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature,	120 ° C

5307ZZG15 Bearing 2D drawings and 3D CAD models



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Tmax	
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	3.82 Hz
Characteristic outer ring frequency, BPF0	2.71 Hz
Characteristic inner ring frequency, BRFI	4.29 Hz
da min	43 mm
da max	49.3 mm
Da max	72 mm
ra max	1.5 mm