



## BEARING CORP.OF AMERICA



15,000 mm x 35,000 mm x 15,900 mm SNR  
5202EEG15 Double row angular contact ball  
bearings

Bearing No. 5202EEG15

Size	15x35x15.900 mm
Bore Diameter	15,000 mm
Outer Diameter	35,000 mm
Width	15,900 mm
d	15,000 mm
D	35,000 mm
B	15,900 mm
C	15,900 mm
d1	21.1 mm
D1	31.5 mm
a	18 mm
Contact angle	25 °
rs min	0.6 mm
Radial clearance class	CN
Precision class	P0
Mass	0.06 kg
Dynamic load, C	11.4 kN
Static load, C0	7.1 kN
Fatigue limit load, Cu	0.48 kN
f0	13.5
Nlim	14,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C

5202EEG15 Bearing 2D drawings and 3D CAD models



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Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	3.97 Hz
Characteristic outer ring frequency, BPF0	3.13 Hz
Characteristic inner ring frequency, BPFI	4.87 Hz
da min	19 mm
da max	21.1 mm
Da max	31 mm
ra max	0.6 mm