



# BEARING CORP.OF AMERICA



70,000 mm x 125,000 mm x 39,700 mm SNR  
5214EEG15 Double row angular contact ball  
bearings

Bearing No. 5214EEG15

Size	70x125x39.700 mm
Bore Diameter	70,000 mm
Outer Diameter	125,000 mm
Width	39,700 mm
d	70,000 mm
D	125,000 mm
B	39,700 mm
C	39,700 mm
d1	86.8 mm
D1	111.5 mm
a	61.6 mm
Contact angle	25 °
rs min	1.5 mm
Radial clearance class	CN
Precision class	P0
Mass	1.64 kg
Dynamic load, C	78.4 kN
Static load, C0	76.3 kN
Fatigue limit load, Cu	4.55 kN
f0	15.2
Nlim	3,300 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C

5214EEG15 Bearing 2D drawings and 3D CAD models



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Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.94 Hz
Characteristic outer ring frequency, BPF0	4.68 Hz
Characteristic inner ring frequency, BRFI	6.32 Hz
da min	78 mm
da max	86.8 mm
Da max	117 mm
ra max	1.5 mm