



## BEARING CORP.OF AMERICA



25,000 mm x 62,000 mm x 25,400 mm SNR  
5305EEG15 Double row angular contact ball  
bearings

Bearing No. 5305EEG15

Size	25x62x25.400 mm
Bore Diameter	25,000 mm
Outer Diameter	62,000 mm
Width	25,400 mm
d	25,000 mm
D	62,000 mm
B	25,400 mm
C	25,400 mm
d1	36.4 mm
D1	53.1 mm
a	30.7 mm
Contact angle	25 °
rs min	1.1 mm
Radial clearance class	CN
Precision class	P0
Mass	0.32 kg
Dynamic load, C	28.3 kN
Static load, C0	19.4 kN
Fatigue limit load, Cu	1.21 kN
f0	13.4
Nlim	7,900 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C

5305EEG15 Bearing 2D drawings and 3D CAD models



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Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.16 Hz
Characteristic outer ring frequency, BPF0	3.17 Hz
Characteristic inner ring frequency, BPFI	4.83 Hz
da min	31.5 mm
da max	36.4 mm
Da max	55.5 mm
ra max	1 mm