



## BEARING CORP.OF AMERICA

25 mm x 52 mm x 20.6 mm SNR 5205EEG15  
Double row angular contact ball bearings

Bearing No. 5205EEG15

d	25 mm
D	52 mm
B	20.6 mm
d1	33.5 mm
D1	46.2 mm
a	26.5 mm
Contact angle	25 °
rs min	1 mm
Radial clearance class	CN
Precision class	P0
Mass	0.16 kg
Dynamic load, C	20.6 kN
Static load, C0	14.7 kN
Fatigue limit load, Cu	0.91 kN
f0	14.3
Nlim	8,600 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	4.75 Hz
Characteristic outer ring frequency, BPF0	3.67 Hz
Characteristic inner ring	5.33 Hz

5205EEG15 Bearing 2D drawings and 3D CAD models



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frequency, BPF1	
da min	30 mm
da max	33.5 mm
Da max	47 mm
ra max	1 mm