



BEARING CORP.OF AMERICA

25 mm x 62 mm x 25.4 mm SNR 3305A Double row angular contact ball bearings

Bearing No. 3305A

d	25 mm
D	62 mm
B	25.4 mm
d1	36.4 mm
D1	55 mm
a	30.9 mm
Contact angle	25 °
rs min	1.1 mm
Radial clearance class	CN
Precision class	P0
Mass	0.33 kg
Dynamic load, C	31.2 kN
Static load, C0	21 kN
Fatigue limit load, Cu	1.32 kN
f0	13.6
Nref	7,800 rpm
Nlim	11,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.02 Hz
Characteristic outer ring frequency, BPF0	3.14 Hz

3305A Bearing 2D drawings and 3D CAD models



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Characteristic inner ring frequency, BPF1	4.86 Hz
da min	31.5 mm
Da max	55.5 mm
ra max	1 mm