



BEARING CORP.OF AMERICA



20,000 mm x 52,000 mm x 22,200 mm SNR
5304EEG15 Double row angular contact ball
bearings

Bearing No. 5304EEG15

Size	20x52x22.200 mm
Bore Diameter	20,000 mm
Outer Diameter	52,000 mm
Width	22,200 mm
d	20,000 mm
D	52,000 mm
B	22,200 mm
C	22,200 mm
d1	29.2 mm
D1	45 mm
a	26.4 mm
Contact angle	25 °
rs min	1.1 mm
Radial clearance class	CN
Precision class	P0
Mass	0.2 kg
Dynamic load, C	22.2 kN
Static load, C0	14.6 kN
Fatigue limit load, Cu	0.92 kN
f0	13.2
Nlim	9,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C

5304EEG15 Bearing 2D drawings and 3D CAD models



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Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.04 Hz
Characteristic outer ring frequency, BPF0	3.14 Hz
Characteristic inner ring frequency, BRFI	4.86 Hz
da min	26.5 mm
da max	29.2 mm
Da max	45.5 mm
ra max	1 mm