



BEARING CORP.OF AMERICA

30 mm x 62 mm x 23.8 mm SNR 3206BC3 Double row angular contact ball bearings

Bearing No. 3206BC3

d	30 mm
D	62 mm
B	23.8 mm
d1	41.9 mm
D1	54.2 mm
a	40.6 mm
Contact angle	32 °
rs min	1 mm
Radial clearance class	C3
Precision class	P0
Mass	0.31 kg
Dynamic load, C	27.3 kN
Static load, C0	27 kN
Fatigue limit load, Cu	1.73 kN
f0	14.9
Nref	8,300 rpm
Nlim	11,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.13 Hz
Characteristic outer ring frequency, BPF0	5.87 Hz

3206BC3 Bearing 2D drawings and 3D CAD models



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Characteristic inner ring frequency, BPF1	8.13 Hz
da min	35 mm
Da max	57 mm
ra max	1 mm