



BEARING CORP.OF AMERICA

12 mm x 32 mm x 15.9 mm SNR 3201AC3 Double row angular contact ball bearings

Bearing No. 3201AC3

d	12 mm
D	32 mm
B	15.9 mm
d1	18.3 mm
D1	25.8 mm
a	16.6 mm
Contact angle	25 °
rs min	0.6 mm
Radial clearance class	C3
Precision class	P0
Mass	0.05 kg
Dynamic load, C	10.4 kN
Static load, C0	5.9 kN
Fatigue limit load, Cu	0.38 kN
f0	12.8
Nref	16,000 rpm
Nlim	22,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	3.44 Hz
Characteristic outer ring frequency, BPF0	2.64 Hz

3201AC3 Bearing 2D drawings and 3D CAD models



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Characteristic inner ring frequency, BPF1	4.36 Hz
da min	16 mm
Da max	28 mm
ra max	0.6 mm