



BEARING CORP.OF AMERICA

85 mm x 150 mm x 28 mm SNR 1217KC3 Double row self aligning ball bearings

Bearing No. 1217KC3

d	85 mm
D	150 mm
B	28 mm
d1	107.3 mm
D1	130.4 mm
rs min	2 mm
Associated sleeve reference	H217
e	0.17
Y1	3.69
Y2	5.71
Y0	3.87
Radial clearance class	C3
Precision class	P0
Mass	2.04 kg
Dynamic load, C	48.6 kN
Static load, C0	20.8 kN
Nref	5,000 rpm
Nlim	5,700 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.16 Hz
Characteristic outer ring	9.24 Hz

1217KC3 Bearing 2D drawings and 3D CAD models



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frequency, BPF0	
Characteristic inner ring frequency, BRFI	11.76 Hz
da min	94 mm
da max	105 mm
db min	90 mm
Ce min	6 mm
Da max	141 mm
ra max	2 mm