



## NTN BEARING CORP.

65,000 mm x 120,000 mm x 23,000 mm SNR  
1213 self aligning ball bearings



Bearing No. 1213

1213 Bearing 2D drawings and 3D CAD models

Size	65x120x23 mm
Bore Diameter	65,000 mm
Outer Diameter	120,000 mm
Width	23,000 mm
d	65,000 mm
D	120,000 mm
B	23,000 mm
C	23,000 mm
d1	85.5 mm
D1	102.7 mm
rs min	1.5 mm
e	0.17
Y1	3.7
Y2	5.73
Y0	3.88
Radial clearance class	CN
Precision class	P0
Mass	1.13 kg
Dynamic load, C	30.7 kN
Static load, C0	12.5 kN
Nref	5,900 rpm
Nlim	7,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C



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Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.3 Hz
Characteristic outer ring frequency, BPF0	9.26 Hz
Characteristic inner ring frequency, BRFI	11.74 Hz
da min	73 mm
Da max	112 mm
ra max	1.5 mm