



CSC BEARING GROUP limited

45,000 mm x 85,000 mm x 23,000 mm SNR
2209 Self aligning ball bearing



Bearing No. 2209

2209 Bearing 2D drawings and 3D CAD models

Size	45x85x23 mm
Bore Diameter	45,000 mm
Outer Diameter	85,000 mm
Width	23,000 mm
d	45,000 mm
D	85,000 mm
B	23,000 mm
C	23,000 mm
d1	57.7 mm
D1	71.8 mm
rs min	1.1 mm
e	0.31
Y1	2.06
Y2	3.19
Y0	2.16
Radial clearance class	CN
Precision class	P0
Mass	0.55 kg
Dynamic load, C	23 kN
Static load, C0	8.2 kN
Nref	8,100 rpm
Nlim	10,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C



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Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.63 Hz
Characteristic outer ring frequency, BPF0	7.7 Hz
Characteristic inner ring frequency, BRFI	10.3 Hz
da min	51.5 mm
Da max	78.5 mm
ra max	1 mm