

# 1209 SNR Min operating temperature, T<sub>min</sub> -40 °C 45x85x19mm Self aligning ball bearings

d1	57.7 mm
D1	72.1 mm
r <sub>s min</sub>	1.1 mm
e	0.21
Y1	2.98
Y2	4.6
Y <sub>0</sub>	3.12
Radial clearance class	CN
Precision class	P0
Mass	0.46 kg
Dynamic load, C	21.5 kN
Static load, C <sub>0</sub>	7.3 kN
N <sub>ref</sub>	8.100 rpm
N <sub>lim</sub>	11.000 rpm
Min operating temperature, T <sub>min</sub>	-40 °C
Max operating temperature, T <sub>max</sub>	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.61 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	6.83 Hz
Characteristic inner ring frequency, BRFI	9.17 Hz
d <sub>a min</sub>	51.5 mm
D <sub>a max</sub>	78.5 mm

ra max	1 mm
Bearing number	1209
Size (mm)	45x85x19
Brand	SNR
Bore Diameter (mm)	45.000
Outer Diameter (mm)	85.000
Width (mm)	19.000
d	45.000 mm
D	85.000 mm
B	19.000 mm
C	19.000 mm