

# 1309 SNR 45x100x25mm Max operating temperature, Tmax 120 °C Self aligning ball bearings

d1	63.9 mm
D1	83.1 mm
rs min	1.5 mm
e	0.25
Y1	2.53
Y2	3.92
Y0	2.66
Radial clearance class	CN
Precision class	P0
Mass	0.96 kg
Dynamic load, C	36.9 kN
Static load, C0	12.6 kN
Nref	6.800 rpm
Nlim	9.200 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.75 Hz
Characteristic outer ring frequency, BPF0	6.25 Hz
Characteristic inner ring frequency, BRFI	8.75 Hz
da min	53 mm
Da max	92 mm

ra max	1.5 mm
Bearing number	1309
Size (mm)	45x100x25
Brand	SNR
Bore Diameter (mm)	45.000
Outer Diameter (mm)	100.000
Width (mm)	25.000
d	45.000 mm
D	100.000 mm
B	25.000 mm
C	25.000 mm