

# 3309A SNR Outer Diameter 100.000mm 45x100x39.700mm Angular contact ball bearings

d1	62.3 mm
D1	81.6 mm
a	50.1 mm
Contact angle $\alpha$	25 °
rs min	1.5 mm
Radial clearance class	CN
Precision class	P0
Mass	1.21 kg
Dynamic load, C	66.2 kN
Static load, C0	51 kN
Fatigue limit load, Cu	3.15 kN
f0	13.9
Nref	5.500 rpm
Nlim	6.600 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.34 Hz
Characteristic outer ring frequency, BPF0	3.2 Hz
Characteristic inner ring frequency, BRFI	4.8 Hz
da min	53 mm
Da max	92 mm
ra max	1.5 mm
Bearing number	3309A

Size (mm)	45x100x39.700
Brand	SNR
Bore Diameter (mm)	45.000
Outer Diameter (mm)	100.000
Width (mm)	39.700
d	45.000 mm
D	100.000 mm
B	39.700 mm
C	39.700 mm