

# 3218 SNR 90x160x52.400mm ra max 2.5 mm Angular contact ball bearings

d1	107.2 mm
D1	146.5 mm
a	104.3 mm
Contact angle $\alpha$	35 °
rs min	3 mm
Radial clearance class	CN
Precision class	P0
Mass	4.39 kg
Dynamic load, C	130 kN
Static load, C0	151 kN
Fatigue limit load, Cu	8.6 kN
f0	14.1
Nref	3.900 rpm
Nlim	3.900 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	6.46 Hz
Characteristic outer ring frequency, BPF0	7.88 Hz
Characteristic inner ring frequency, BRFI	10.12 Hz
da min	103 mm
Da max	147 mm
ra max	2.5 mm
Bearing number	3218

Size (mm)	90x160x52.400
Brand	SNR
Bore Diameter (mm)	90.000
Outer Diameter (mm)	160.000
Width (mm)	52.400
d	90.000 mm
D	160.000 mm
B	52.400 mm
C	52.400 mm