

# SNR 11211G15 self aligning ball bearings

SNR 11211G15 self aligning ball bearings with easy-to-use parts graphics, giving you 40 mm d 12 mm B the ability to check parts availability, pricing, examine remanufactured options.

d	40 mm
D	62 mm
B	12 mm
d1	46.8 mm
D1	55.2 mm
D2	58.22 mm
a	18 mm
Contact angle $\alpha$	25 °
rs min	0.6 mm
r1s min	0.3 mm
f0	16.09
Precision class	P4
Mass	0.11 kg
Dynamic load, C	13.6 kN
Static load, C0	11.2 kN
Fatigue limit load, Cu	0.65 kN
Nlim (oil)	31,000 rpm
Nlim (grease)	21,000 rpm
Axial displacement K Factor	0.65
Preload level	7
Preload value	0.12 kN

Axial rigidity	110 N/ $\mu$ m
Radial rigidity	233 N/ $\mu$ m
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.93 Hz
Characteristic outer ring frequency, BPF0	8.43 Hz
Characteristic inner ring frequency, BRFI	10.57 Hz
da min	44.5 mm
db min	44.5 mm
Da max	57.5 mm
Db max	57.5 mm
r1a max	0.3 mm
ra max	0.6 mm
D6	49 mm