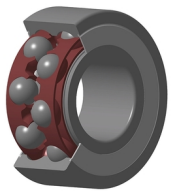
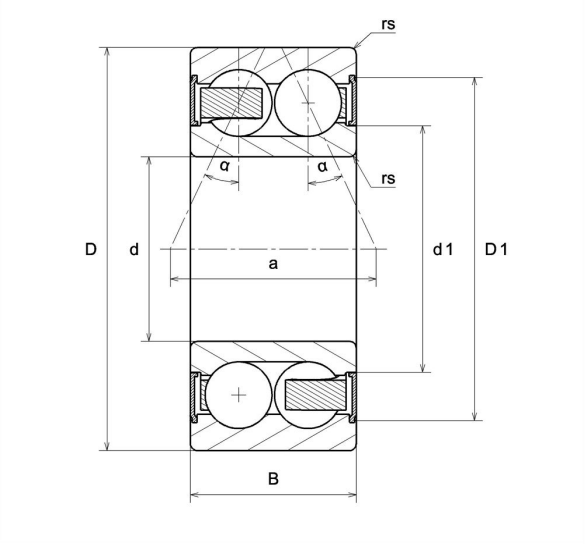
Technical datasheet

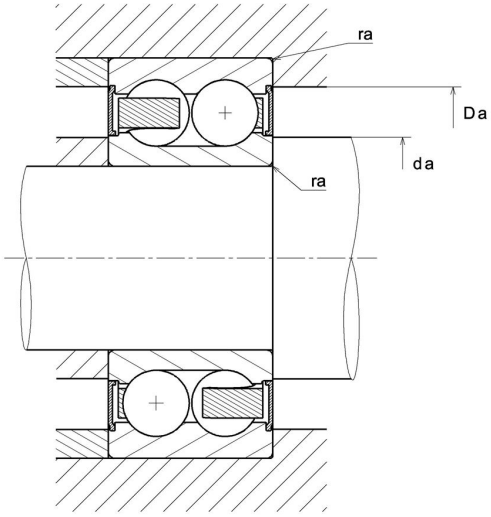
5209ZZG15

Double row angular contact ball bearings



Visual(s)





Product definition

d	45 mm
D	85 mm
B	30.2 mm
d1	57.2 mm
D1	75.4 mm
a	43.2 mm
Contact angle α	25 °
rs min	1.1 mm
Radial clearance class	CN
Precision class	P0
Mass	0.62 kg
Brand	SNR

Product performance

Dynamic load, C	45.7 kN
Static load, C0	37.2 kN
Fatigue limit load, Cu	2.27 kN
f0	14.6
Nref	6,500 rpm
Nlim	6,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.04 Hz
Characteristic outer ring frequency, BPF0	3.72 Hz
Characteristic inner ring frequency, BPFI	5.28 Hz

Abutment dimensions

da min	51.5 mm
da max	57.2 mm
Da max	78.5 mm
ra max	1 mm