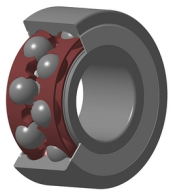
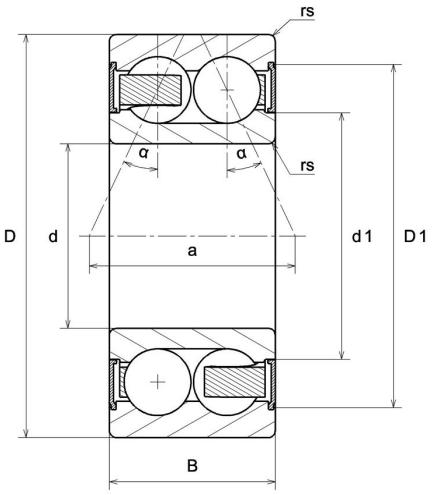
Technical datasheet

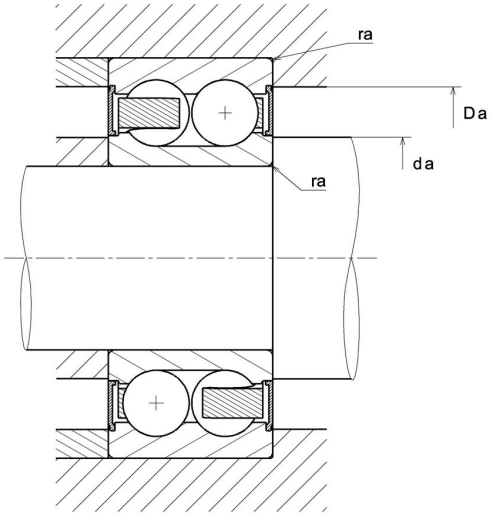
5309ZZG15

Double row angular contact ball bearings



Visual(s)





Product definition

d	45 mm
D	100 mm
B	39.7 mm
d1	62 mm
D1	86.5 mm
a	50.1 mm
Contact angle α	25 °
rs min	1.5 mm
Radial clearance class	CN
Precision class	P0
Mass	1.42 kg
Brand	SNR

Product performance

Dynamic load, C	65.8 kN
Static load, C0	51 kN
Fatigue limit load, Cu	3.15 kN
f0	13.9
Nref	5,500 rpm
Nlim	5,300 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, BPFI	4.8 Hz

Abutment dimensions

da min	53 mm
da max	62 mm
Da max	92 mm
ra max	1.5 mm