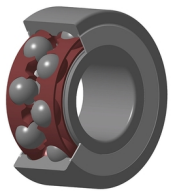
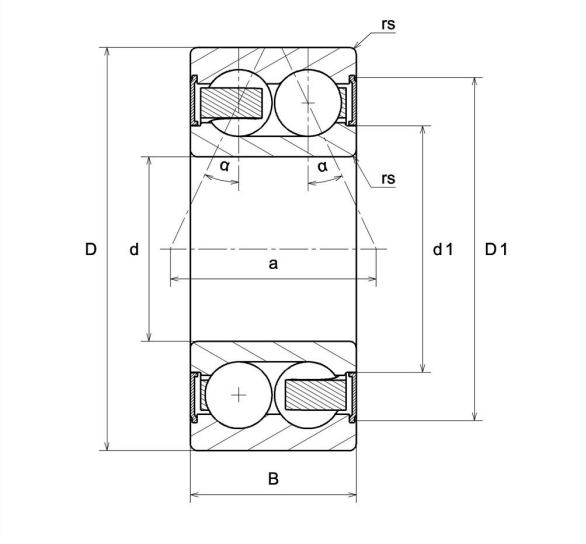
Technical datasheet

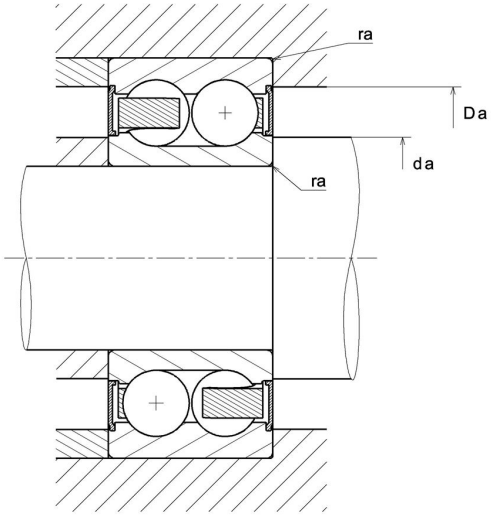
5204ZZG15

Double row angular contact ball bearings



Visual(s)





Product definition

d	20 mm
D	47 mm
B	20.6 mm
d1	28.8 mm
D1	41.9 mm
a	24.2 mm
Contact angle α	25 °
rs min	1 mm
Radial clearance class	CN
Precision class	P0
Mass	0.14 kg
Brand	SNR

Product performance

Dynamic load, C	19.1 kN
Static load, C0	12.5 kN
Fatigue limit load, Cu	0.81 kN
f0	13.7
Nref	12,000 rpm
Nlim	12,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.09 Hz
Characteristic outer ring frequency, BPF0	3.15 Hz
Characteristic inner ring frequency, BPFI	4.85 Hz

Abutment dimensions

da min	25 mm
da max	28.8 mm
Da max	42 mm
ra max	1 mm