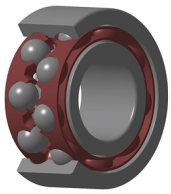
Technical datasheet

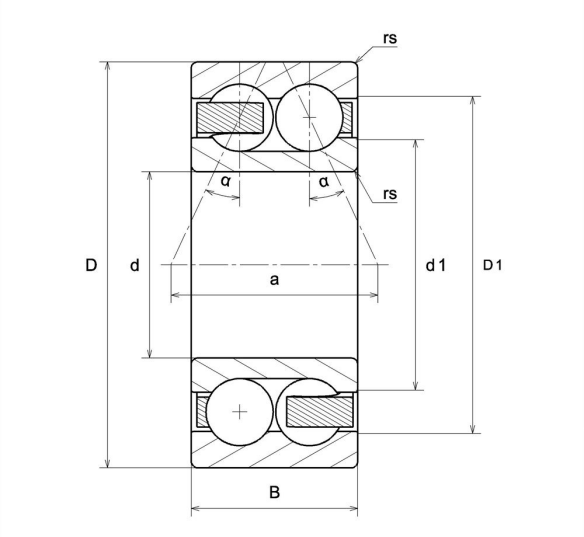
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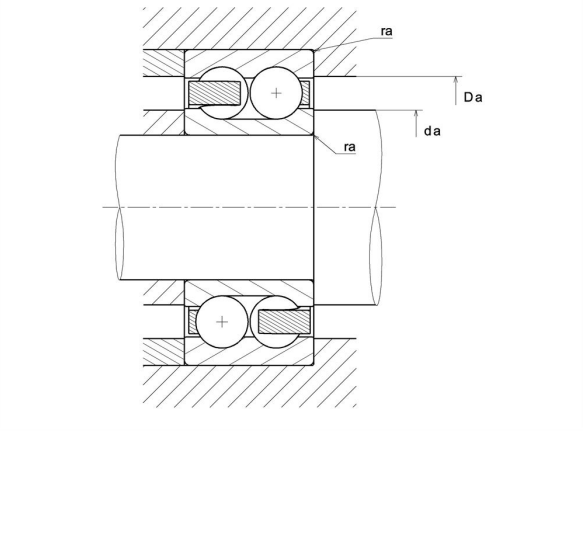
Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, open

Visual(s)





Product definition

d	50 mm
D	110 mm
B	44.4 mm
d1	68.3 mm
D1	89.6 mm
a	55 mm
Contact angle α	25 °
rs min	2 mm
Radial clearance class	C3
Precision class	P0
Mass	1.6 kg
Brand	SNR

Product performance

Dynamic load, C	78.4 kN
Static load, C0	61.6 kN
Fatigue limit load, Cu	3.8 kN
f0	13.9
Nref	5,200 rpm
Nlim	6,000 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	4.32 Hz
Characteristic outer ring frequency, BPF0	3.2 Hz
Characteristic inner ring frequency, BPFI	4.8 Hz

Abutment dimensions

da min	59 mm
Da max	101 mm
ra max	2 mm