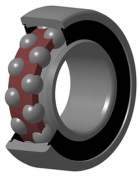
Technical datasheet

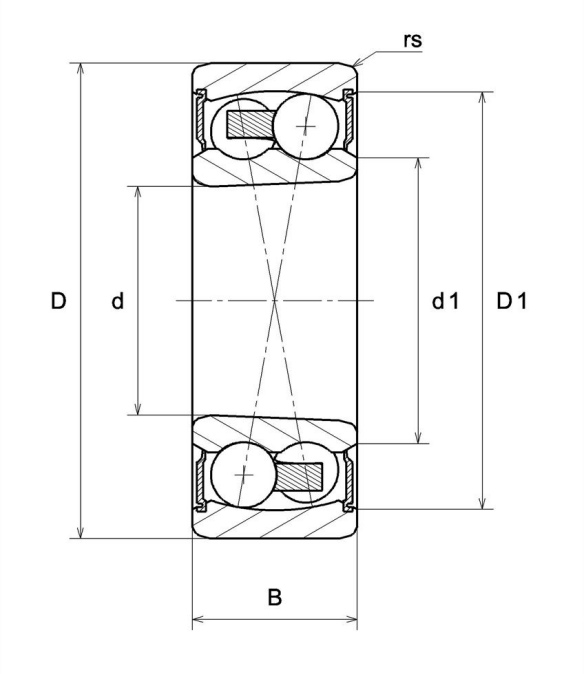
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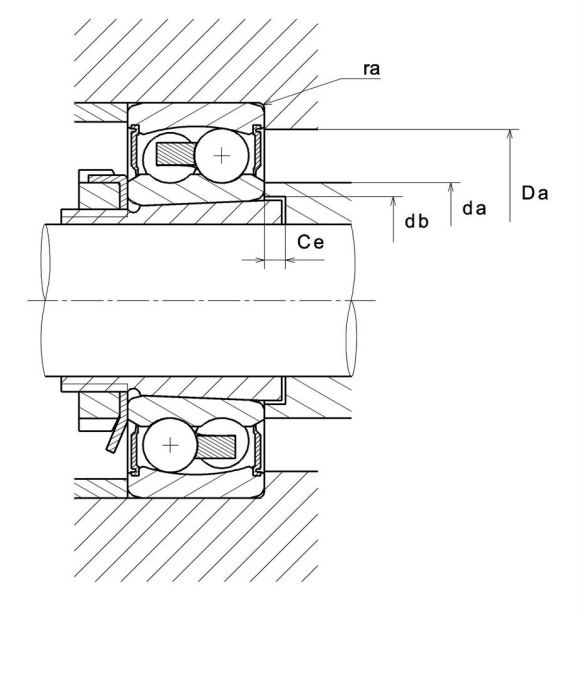
Double row self aligning ball bearings



Self-aligning ball bearing, polyamide cage, tapered bore, friction seals on both sides

Visual(s)





Product definition

d	50 mm
D	90 mm
B	23 mm
d1	60.5 mm
D1	79.8 mm
rs min	1.1 mm
Associated sleeve reference	H310
e	0.2
Y1	3.17
Y2	4.9
Y0	3.32
Radial clearance class	CN
Precision class	P0
Mass	0.59 kg
Brand	SNR

Product performance

Dynamic load, C	22.7 kN
Static load, C0	8.1 kN
Nlim	4,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.15 Hz
Characteristic outer ring frequency, BPF0	7.78 Hz
Characteristic inner ring frequency, BPFI	10.22 Hz

Abutment dimensions

da min	56.5 mm
da max	59 mm
db min	55 mm
Ce min	10 mm
Da max	83.5 mm
ra max	1 mm