Technical datasheet

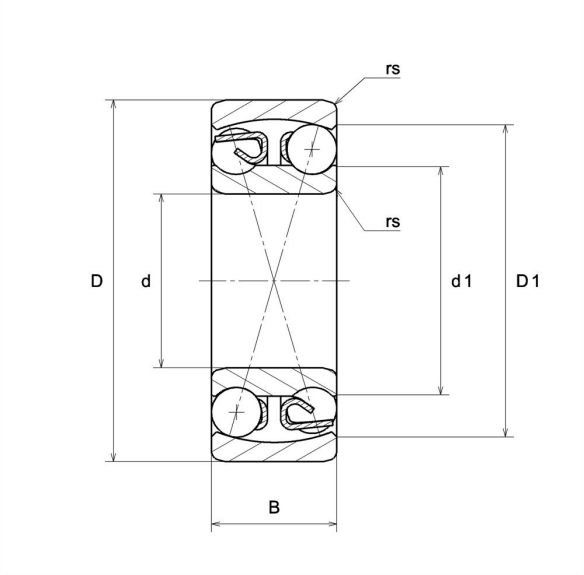
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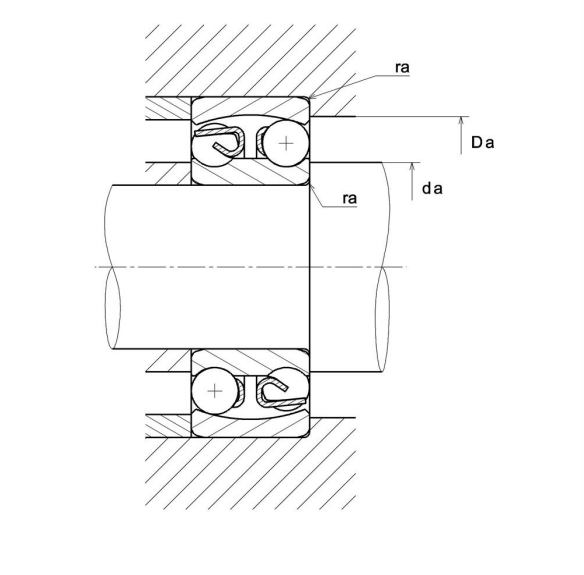
Double row self aligning ball bearings

Self-aligning ball bearing, pressed steel cage, open



Visual(s)





Product definition

d	25 mm
D	52 mm
B	15 mm
d1	33.3 mm
D1	43.1 mm
rs min	1 mm
e	0.27
Y1	2.32
Y2	3.59
Y0	2.43
Radial clearance class	CN
Precision class	P0
Mass	0.14 kg
Brand	SNR

Product performance

Dynamic load, C	11.9 kN
Static load, C0	3.3 kN
Fatigue limit load, Cu	0.66 kN
Nref	13,000 rpm
Nlim	18,000 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.12 Hz
Characteristic outer ring frequency, BPF0	4.89 Hz
Characteristic inner ring frequency, BPFI	7.11 Hz

Abutment dimensions

da min	30 mm
Da max	47 mm
ra max	1 mm