Technical datasheet

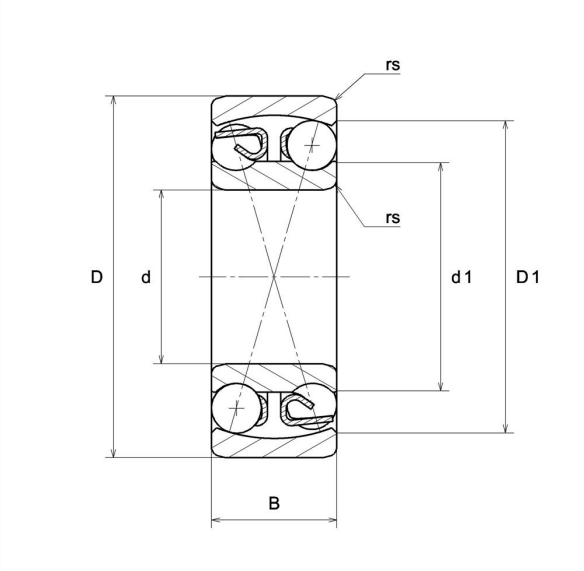
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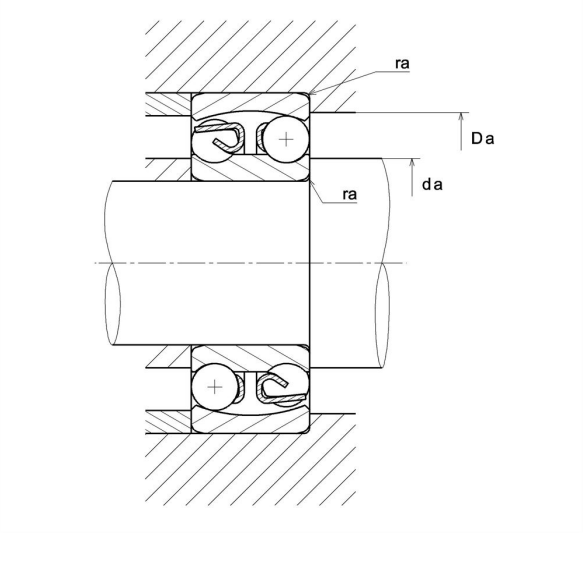
Double row self aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

Visual(s)





Product definition

d	30 mm
D	62 mm
B	20 mm
d1	40.2 mm
D1	51.1 mm
rs min	1 mm
e	0.4
Y1	1.59
Y2	2.47
Y0	1.67
Radial clearance class	C3
Precision class	P0
Mass	0.26 kg
Brand	SNR

Product performance

Dynamic load, C	15 kN
Static load, C0	4.55 kN
Nref	11,000 rpm
Nlim	14,000 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.55 Hz
Characteristic outer ring frequency, BPF0	5.82 Hz
Characteristic inner ring frequency, BPFI	8.18 Hz

Abutment dimensions

da min	35 mm
Da max	57 mm
ra max	1 mm