Technical datasheet

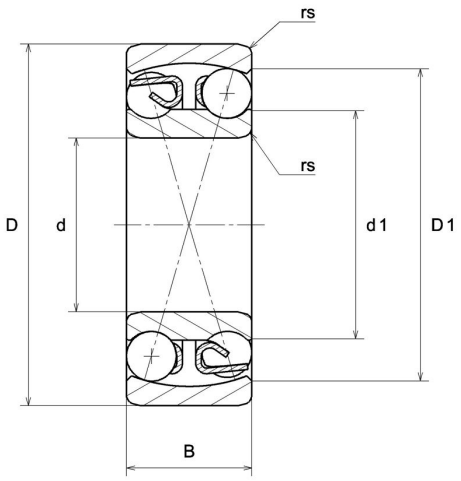
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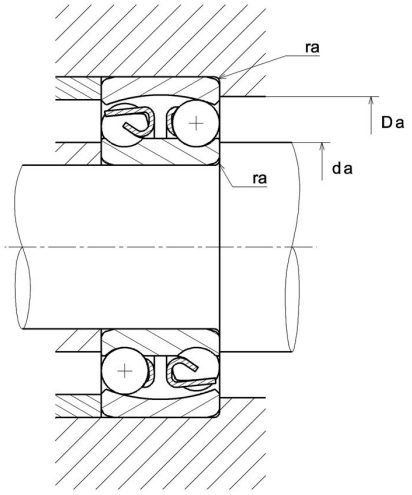
Double row self aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

Visual(s)





Product definition

d	45 mm
D	100 mm
B	25 mm
d1	63.9 mm
D1	83.1 mm
rs min	1.5 mm
e	0.25
Y1	2.53
Y2	3.92
Y0	2.66
Radial clearance class	CN
Precision class	P0
Mass	0.96 kg
Brand	SNR

Product performance

Dynamic load, C	36.9 kN
Static load, C0	12.6 kN
Nref	6,800 rpm
Nlim	9,200 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	5.75 Hz
Characteristic outer ring frequency, BPF0	6.25 Hz
Characteristic inner ring frequency, BPFI	8.75 Hz

Abutment dimensions

da min	53 mm
Da max	92 mm
ra max	1.5 mm