Technical datasheet

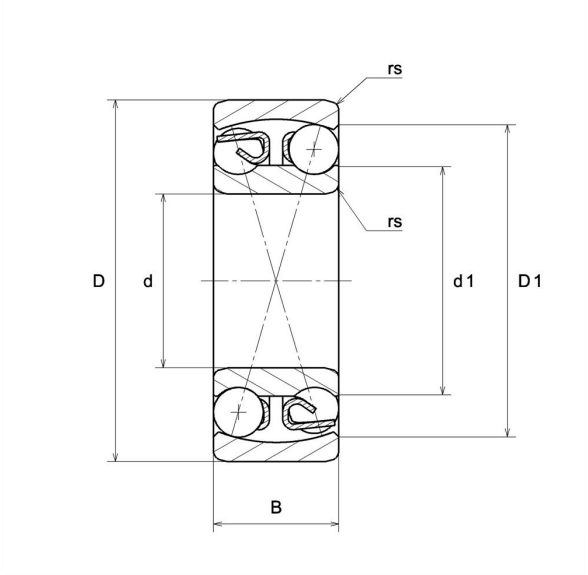
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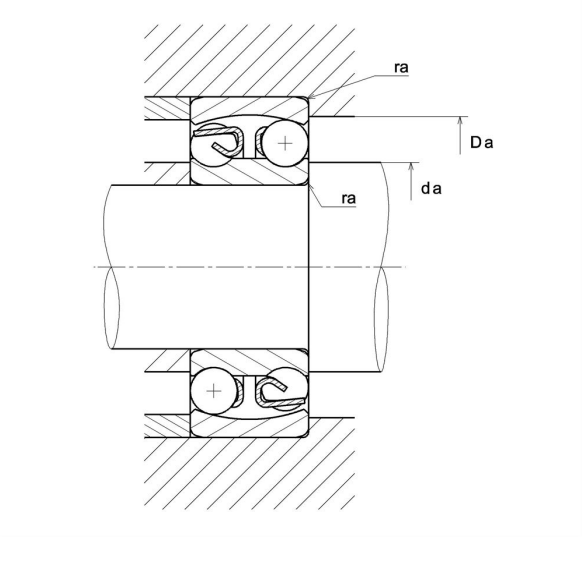
Double row self aligning ball bearings

Self-aligning ball bearing, pressed steel cage, open



Visual(s)





Product definition

d	80 mm
D	140 mm
B	33 mm
d1	99 mm
D1	120.8 mm
rs min	2 mm
e	0.25
Y1	2.49
Y2	3.86
Y0	2.61
Radial clearance class	CN
Precision class	P0
Mass	2.1 kg
Brand	SNR

Product performance

Dynamic load, C	48.5 kN
Static load, C0	19.9 kN
Nref	5,400 rpm
Nlim	5,900 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.53 Hz
Characteristic outer ring frequency, BPF0	8.71 Hz
Characteristic inner ring frequency, BPFI	11.29 Hz

Abutment dimensions

da min	89 mm
Da max	131 mm
ra max	2 mm