Technical data

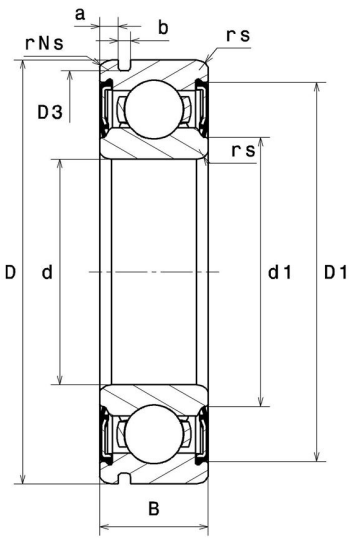
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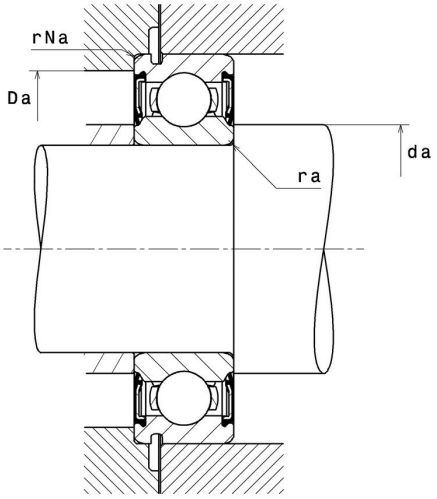
Single row deep groove ball bearings



Deep groove ball bearing, radial contact, pressed steel cage, snap ring groove on outer diameter, contact seals on both sides

Visual(s)





Product definition

d	20 mm
D	52 mm
B	15 mm
d1	30 mm
D1	45.5 mm
a min	2.31 mm
a max	2.46 mm
rs min	1.1 mm
rNs min	0.5 mm
D3 max	49.73 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
Radial clearance class	C3
Mass	0.14 kg
Brand	SNR

Product performance

Dynamic load, C	15.8 kN
Static load, C0	7.9 kN
Fatigue limit load, Cu	0.36 kN
f0	12.4
Nlim	9,500 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.37 Hz
Characteristic rolling element frequency, BSF	3.52 Hz
Characteristic outer ring frequency, BPF0	2.57 Hz
Characteristic inner ring frequency, BPFI	4.43 Hz

Abutment dimensions

da min	26.5 mm
da max	30 mm
Ce min	0 mm
Da max	45.5 mm
ra max	1 mm
rNa max	0.5 mm
Db min	58.5 mm