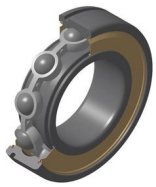
Technical data

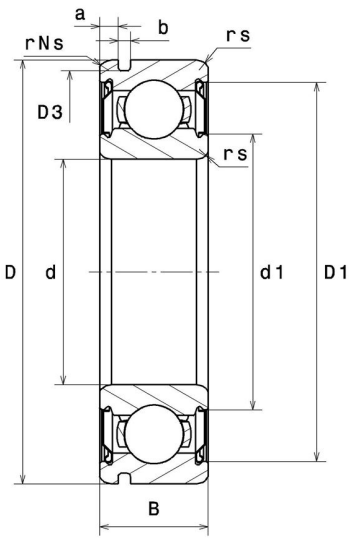
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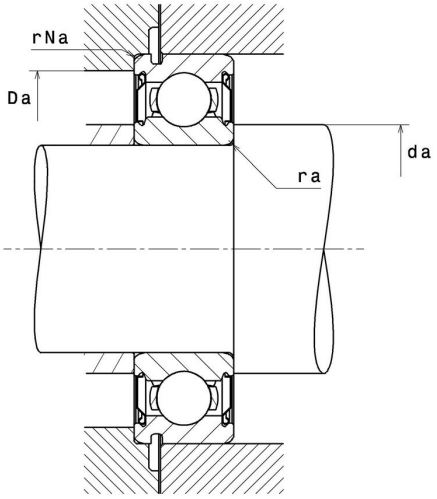
Single row deep groove ball bearings



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

Visual(s)





Product definition

d	15 mm
D	32 mm
B	9 mm
d1	20.5 mm
D1	28.8 mm
a min	2.06 mm
a max	1.9 mm
rs min	0.3 mm
rNs min	0.3 mm
D3 max	30.15 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
Radial clearance class	CN
Mass	0.03 kg
Brand	SNR

Product performance

Dynamic load, C	5.4 kN
Static load, C0	2.85 kN
Fatigue limit load, Cu	0.13 kN
f0	13.9
Nref	22,000 Tr/min
Nlim	31,000 Tr/min
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.73 Hz
Characteristic outer ring frequency, BPF0	3.59 Hz
Characteristic inner ring frequency, BPFI	5.41 Hz

Abutment dimensions

da min	17 mm
da max	20.5 mm
Ce min	0 mm
Da max	30 mm
ra max	0.3 mm
rNa max	0.3 mm
Db min	37.5 mm