Technical data

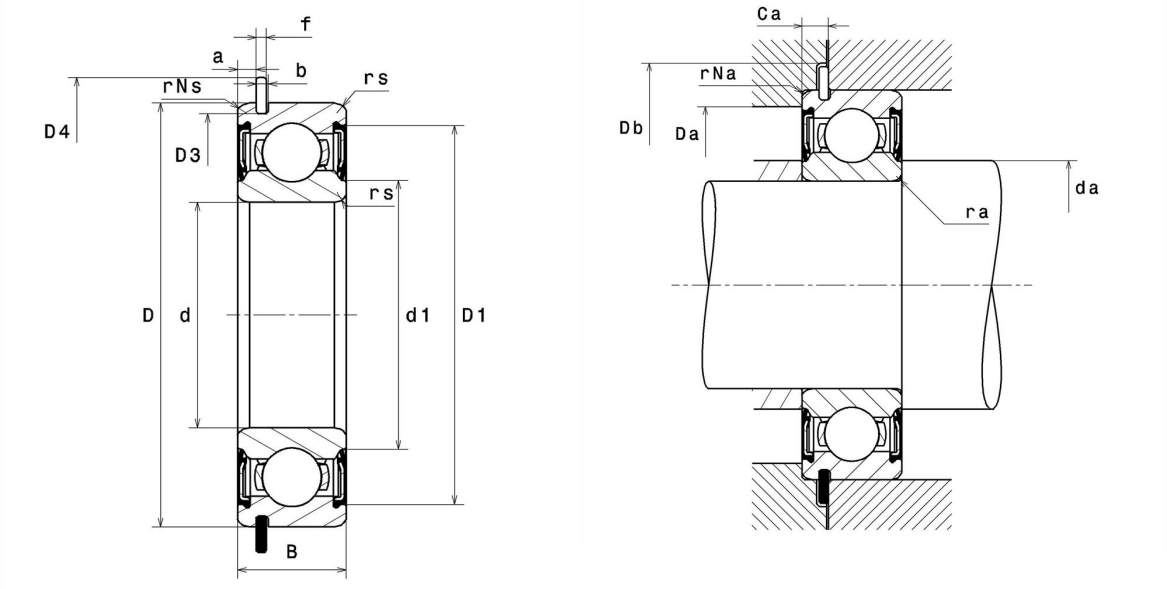
6209.NR.EE

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	45 mm
D	85 mm
B	19 mm
d1	54.5 mm
D1	75.6 mm
a min	3.07 mm
a max	3.28 mm
Ca min	4.67 mm
Ca max	4.98 mm
rs min	1.1 mm
rNs min	0.5 mm
D3 max	81.81 mm
b min	1.9 mm
b max	2.2 mm
r0 max	0.6 mm
D4 max	91.6 mm
f	1.65 mm
Snap ring reference	R85
Radial clearance class	CN
Mass	0.4 kg
Brand	SNR

Product performance

Dynamic load, C	32.2 kN
Static load, C0	20.4 kN
Fatigue limit load, Cu	0.93 kN
f0	14.1
Nlim	5,300 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.92 Hz
Characteristic outer ring frequency, BPF0	3.62 Hz
Characteristic inner ring frequency, BPFI	5.38 Hz

Abutment dimensions

da min	51.5 mm
da max	54.5 mm
Ce min	0 mm
Da max	78.5 mm
ra max	1 mm
rNa max	0.5 mm
Db min	93 mm