Technical data

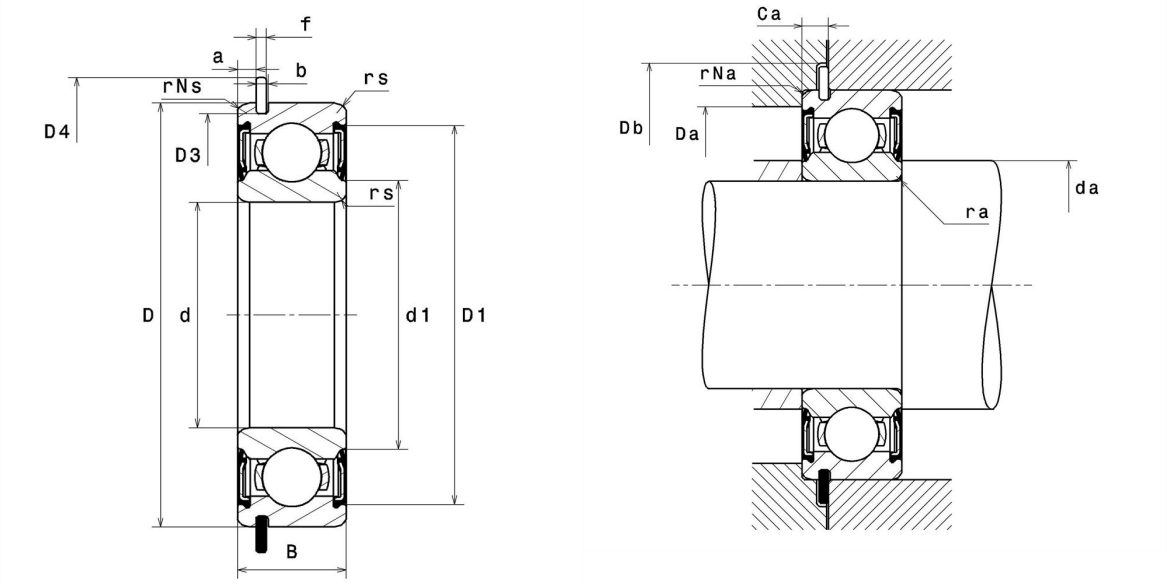
6011.NREE

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	55 mm
D	90 mm
B	18 mm
d1	65.7 mm
D1	81.5 mm
a min	2.67 mm
a max	2.87 mm
Ca min	5.03 mm
Ca max	5.33 mm
rs min	1.1 mm
rNs min	0.5 mm
D3 max	86.79 mm
b min	2.7 mm
b max	3 mm
r0 max	0.6 mm
D4 max	96.5 mm
f	2.41 mm
Snap ring reference	R90
Radial clearance class	CN
Mass	0.39 kg
Brand	SNR

Product performance

Dynamic load, C	27.5 kN
Static load, C0	21.3 kN
Fatigue limit load, Cu	0.97 kN
f0	15.4
Nlim	4,400 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.88 Hz
Characteristic outer ring frequency, BPF0	5.58 Hz
Characteristic inner ring frequency, BPFI	7.42 Hz

Abutment dimensions

da min	61.5 mm
da max	65.7 mm
Ce min	0 mm
Da max	83.5 mm
ra max	1 mm
rNa max	0.5 mm
Db min	98 mm