Technical data

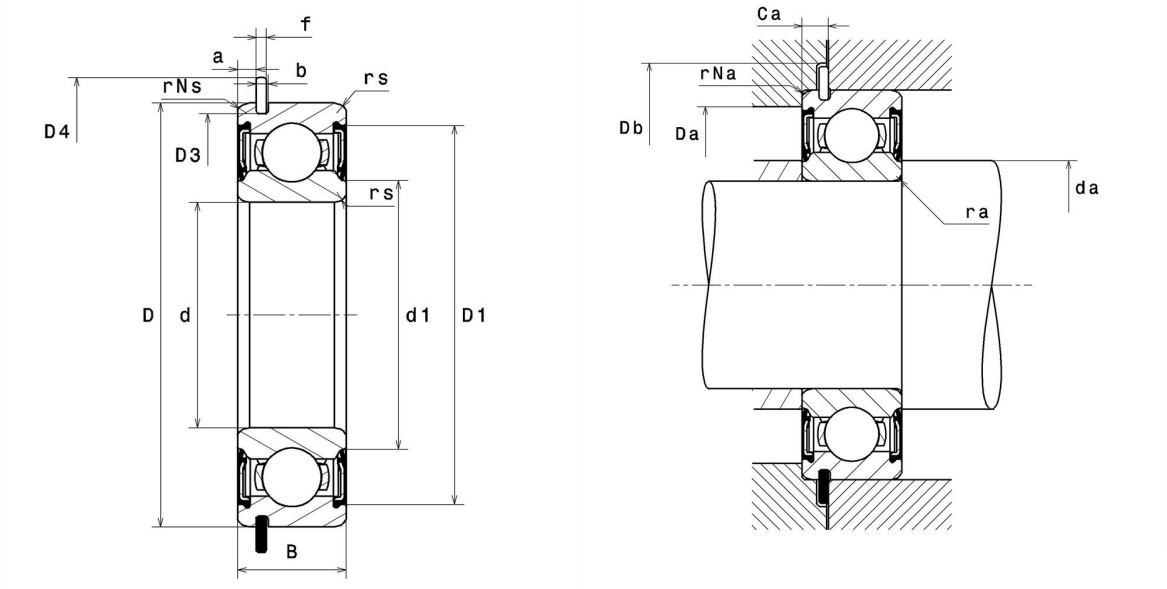
6018.NR.EE

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	90 mm
D	140 mm
B	24 mm
d1	101.3 mm
D1	129.1 mm
a min	3.45 mm
a max	3.71 mm
Ca min	6.17 mm
Ca max	6.53 mm
rs min	1.5 mm
rNs min	0.5 mm
D3 max	135.23 mm
b min	3.1 mm
b max	3.4 mm
r0 max	0.6 mm
D4 max	149.7 mm
f	2.77 mm
Snap ring reference	R140
Radial clearance class	CN
Mass	1.18 kg
Brand	SNR

Product performance

Dynamic load, C	57.5 kN
Static load, C0	49.8 kN
Fatigue limit load, Cu	2.11 kN
f0	15.6
Nlim	2,800 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	7.49 Hz
Characteristic outer ring frequency, BPF0	6.08 Hz
Characteristic inner ring frequency, BPFI	7.92 Hz

Abutment dimensions

da min	98 mm
da max	101.3 mm
Ce min	0 mm
Da max	132 mm
ra max	1.5 mm
rNa max	0.5 mm
Db min	152 mm