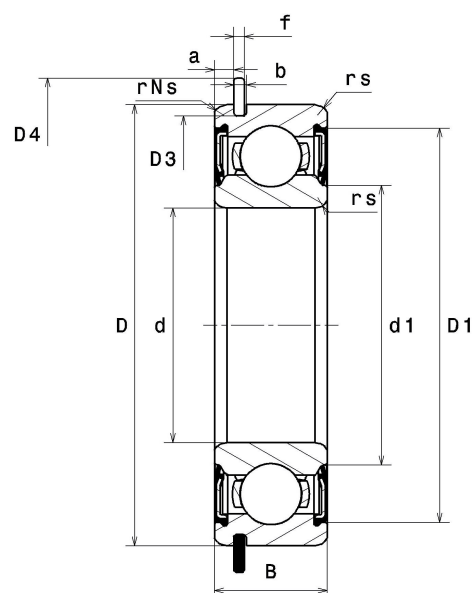


PDF technical sheet 6210.NR.EE

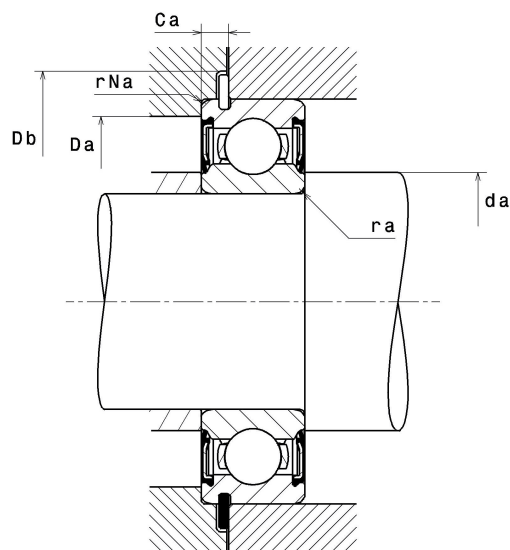


Single row deep groove ball bearings

Product definition	
d	50 mm
D	90 mm
B	20 mm
d1	59.60 mm
D1	80.80 mm
a min	3.07 mm
a max	3.28 mm
Ca min	5.43 mm
Ca max	5.74 mm
rs min	1.10 mm
rNs min	0.50 mm
D3 max	86.79 mm
b min	2.70 mm
b max	3 mm
r0 max	0.60 mm
D4 max	96.50 mm
f	2.41 mm
Snap ring reference	R90
Radial clearance class	CN
Mass	0.45 kg
Brand	SNR



Product performance	
Dynamic load, C	34.50 kN
Static load, C0	23.20 kN
Fatigue limit load, Cu	1.05 kN
f0	14.4
Nlim	4,800 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.33 Hz
Characteristic outer ring frequency, BPF0	4.09 Hz
Characteristic inner ring frequency, BPF1	5.91 Hz



Abutment dimensions

da min	56.50 mm
da max	59.60 mm
Da max	83.50 mm
ra max	1 mm
rNa max	0.50 mm
Db min	98 mm

349/702/3/en/DGBB.jpg