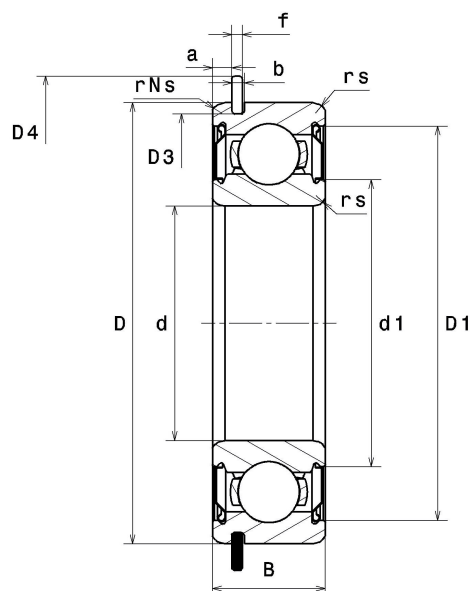


PDF technical sheet 6307.NRZZ

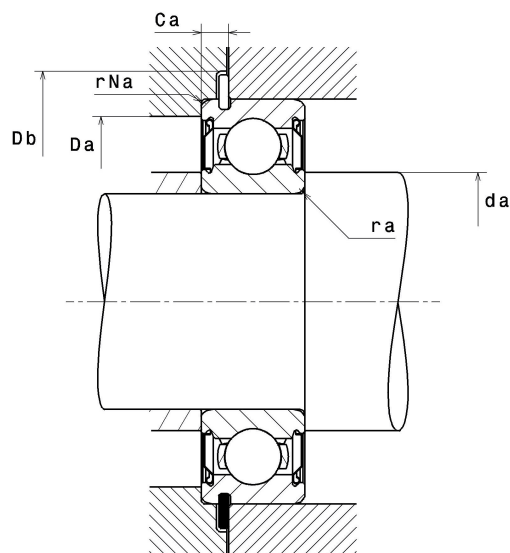


Single row deep groove ball bearings

Product definition	
d	35 mm
D	80 mm
B	21 mm
d1	45.50 mm
D1	70.40 mm
a min	3.07 mm
a max	3.28 mm
Ca min	4.67 mm
Ca max	4.98 mm
rs min	1.50 mm
rNs min	0.50 mm
D3 max	76.81 mm
b min	1.90 mm
b max	2.20 mm
r0 max	0.60 mm
D4 max	86.60 mm
f	1.65 mm
Snap ring reference	R80
Radial clearance class	CN
Mass	0.45 kg
Brand	SNR



Product performance	
Dynamic load, C	33 kN
Static load, C0	19.20 kN
Fatigue limit load, Cu	0.87 kN
f0	13.2
Nref	9,900 Tr/min
Nlim	12,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.07 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BPFI	4.93 Hz



Abutment dimensions

da min	43 mm
da max	45.50 mm
Da max	72 mm
ra max	1.50 mm
rNa max	0.50 mm
Db min	88 mm

349/702/3/en/DGBB.jpg