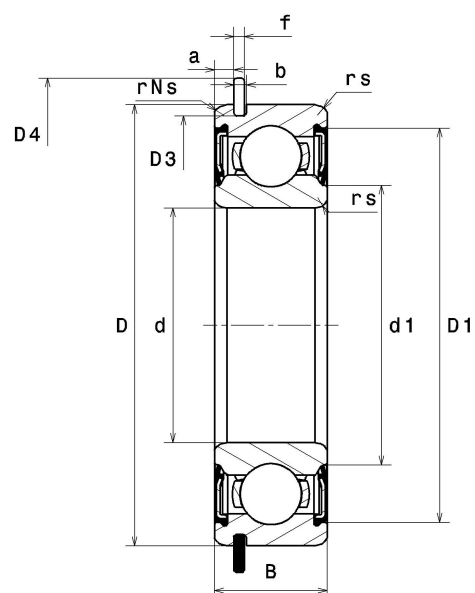


PDF technical sheet 6203.NREE

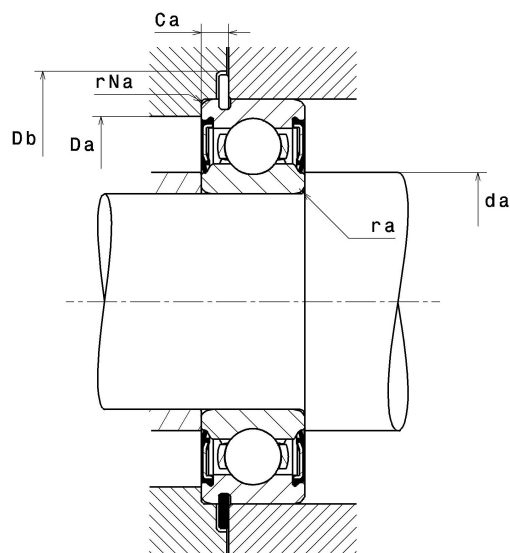


Single row deep groove ball bearings

Product definition	
d	17 mm
D	40 mm
B	12 mm
d1	24.10 mm
D1	34.90 mm
a min	1.90 mm
a max	2.06 mm
Ca min	2.92 mm
Ca max	3.18 mm
rs min	0.60 mm
rNs min	0.50 mm
D3 max	38.10 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.40 mm
D4 max	44.60 mm
f	1.07 mm
Snap ring reference	R40
Radial clearance class	CN
Mass	0.07 kg
Brand	SNR



Product performance	
Dynamic load, C	9.40 kN
Static load, C0	4.75 kN
Fatigue limit load, Cu	0.22 kN
f0	13.1
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	3.99 Hz
Characteristic outer ring frequency, BPF0	3.05 Hz
Characteristic inner ring frequency, BPF1	4.95 Hz



Abutment dimensions

da min	21 mm
da max	24.10 mm
Da max	36 mm
ra max	0.60 mm
rNa max	0.50 mm
Db min	45.50 mm

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