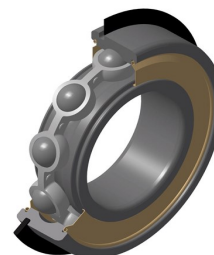
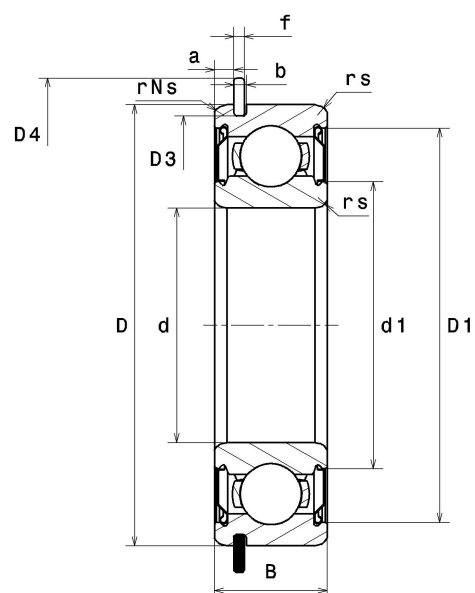


PDF technical sheet 6308.NR.ZZ

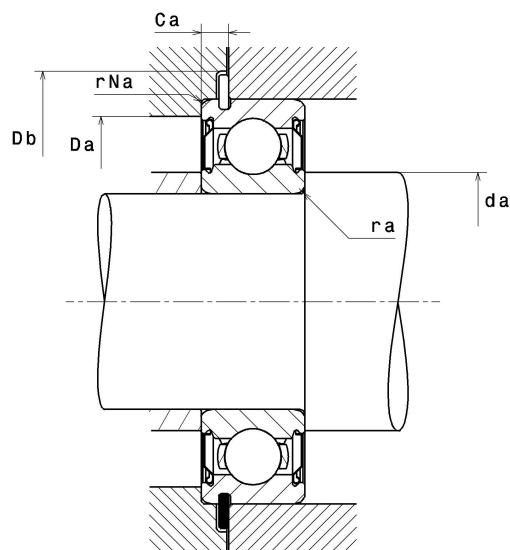


Single row deep groove ball bearings

Product definition	
d	40 mm
D	90 mm
B	23 mm
d1	51.90 mm
D1	78.10 mm
a min	3.07 mm
a max	3.28 mm
Ca min	5.43 mm
Ca max	5.74 mm
rs min	1.50 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	0.61 kg
Brand	SNR



Product performance	
Dynamic load, C	40.30 kN
Static load, C0	24 kN
Fatigue limit load, Cu	1.09 kN
f0	13.2
Nref	9,000 Tr/min
Nlim	10,000 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	4.08 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BPF1	4.93 Hz



Abutment dimensions	
da min	48 mm
da max	51.90 mm
Da max	82 mm
ra max	1.50 mm
rNa max	0.50 mm
Db min	98 mm

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da min	48 mm
da max	51.90 mm
Da max	82 mm
ra max	1.50 mm
rNa max	0.50 mm
Db min	98 mm

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