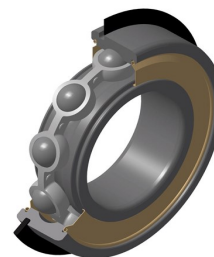
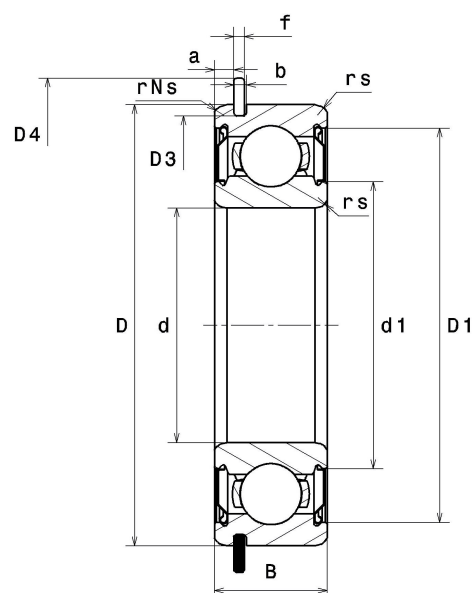


PDF technical sheet 6205.N.R.ZZ

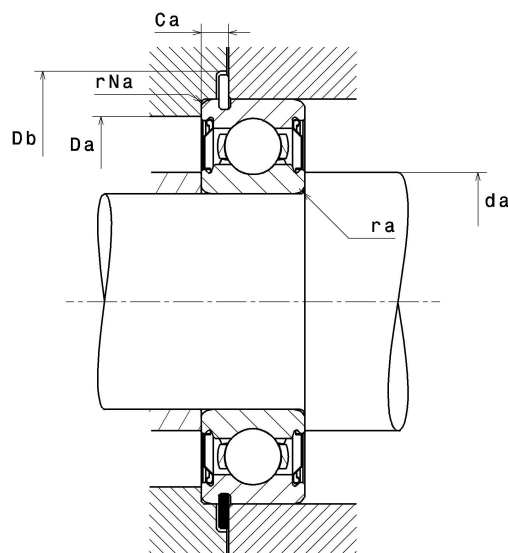


Single row deep groove ball bearings

Product definition	
d	25 mm
D	52 mm
B	15 mm
d1	31.80 mm
D1	49.20 mm
a min	2.31 mm
a max	2.46 mm
Ca min	3.33 mm
Ca max	3.58 mm
rs min	1 mm
rNs min	0.50 mm
D3 max	49.73 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.40 mm
D4 max	57.90 mm
f	1.07 mm
Snap ring reference	R52
Radial clearance class	CN
Mass	0.12 kg
Brand	SNR



Product performance	
Dynamic load, C	13.80 kN
Static load, C0	7.90 kN
Fatigue limit load, Cu	0.36 kN
f0	13.9
Nref	14,000 Tr/min
Nlim	17,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.40 Hz
Characteristic rolling element frequency, BSF	4.72 Hz
Characteristic outer ring frequency, BPF0	3.59 Hz
Characteristic inner ring frequency, BPF1	5.42 Hz



Abutment dimensions	
da min	30 mm
da max	31.80 mm
Da max	47 mm
ra max	1 mm
rNa max	0.50 mm
Db min	58.50 mm

Abutment dimensions	
da min	30 mm
da max	31.80 mm
Da max	47 mm
ra max	1 mm
rNa max	0.50 mm
Db min	58.50 mm

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