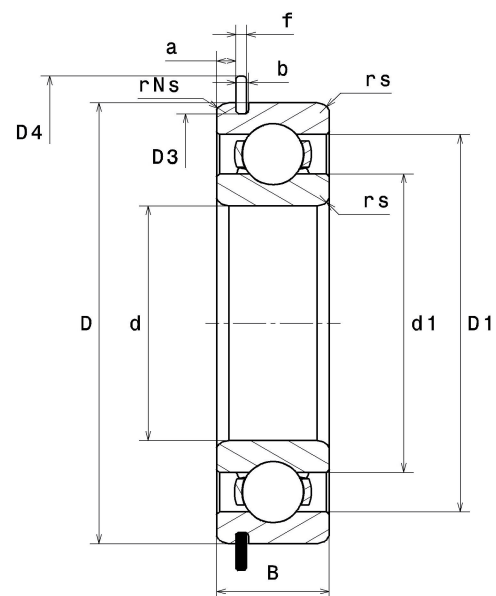


PDF technical sheet 6305.N.R

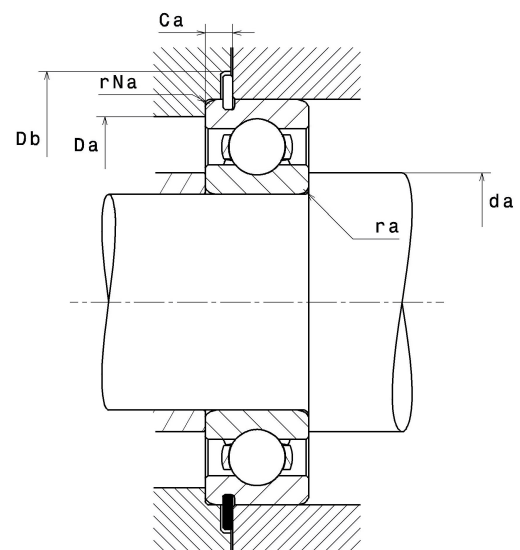


Single row deep groove ball bearings

Product definition	
d	0.9843 "
D	2.4409 "
B	0.6693 "
d1	1.3346 "
D1	2.0748 "
a min	0.1209 "
a max	0.1291 "
Ca min	0.1839 "
Ca max	0.1961 "
rs min	0.0433 "
rNs min	0.0197 "
D3 max	2.3469 "
b min	0.0748 "
b max	0.0866 "
r0 max	0.0236 "
D4 max	2.6654 "
f	0.0650 "
Snap ring reference	R62
Radial clearance class	CN
Mass	0.79 oz
Brand	SNR



Product performance	
Dynamic load, C	23.50 kN
Static load, C0	12.10 kN
Fatigue limit load, Cu	0.55 kN
f0	12.2
Nref	12,000 RPM
Nlim	19,000 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °C
Characteristic cage frequency, FTF	0.36 Hz
Characteristic rolling element frequency, BSF	3.38 Hz
Characteristic outer ring frequency, BPF0	2.54 Hz
Characteristic inner ring frequency, BPF1	4.46 Hz



Abutment dimensions	
da min	1.2402 "
Da max	2.1850 "
ra max	0.0394 "
rNa max	0.0197 "
Db min	2.6969 "

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