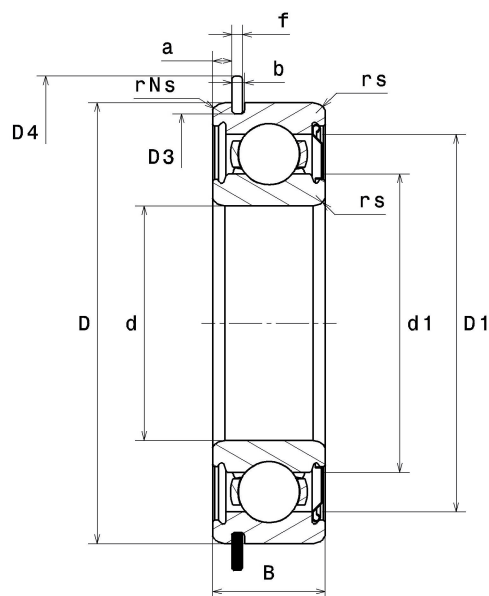


PDF technical sheet 6306.NR.Z

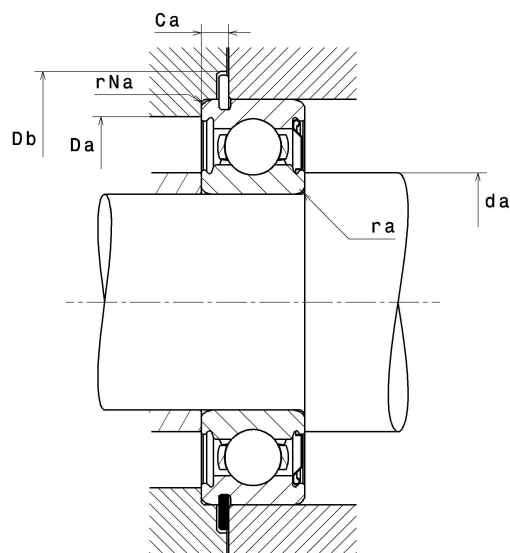


Single row deep groove ball bearings

Product definition	
d	1.1811 "
D	2.8346 "
B	0.7480 "
d1	1.6693 "
D1	2.4646 "
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	2.7091 "
b min	0.0748 "
b max	0.0866 "
r0 max	0.0236 "
D4 max	3.0945 "
f	0.0650 "
Snap ring reference	R72
Radial clearance class	CN
Mass	1.22 oz
Brand	SNR



Product performance	
Dynamic load, C	27.90 kN
Static load, C0	15.90 kN
Fatigue limit load, Cu	0.72 kN
f0	13.1
Nref	11,000 RPM
Nlim	16,000 RPM
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	248 °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	1.4370 "
da max	1.6693 "
Da max	2.5787 "
ra max	0.0394 "
rNa max	0.0197 "
Db min	3.1496 "

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