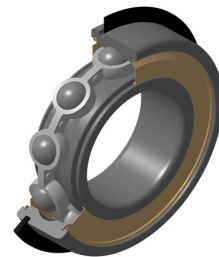
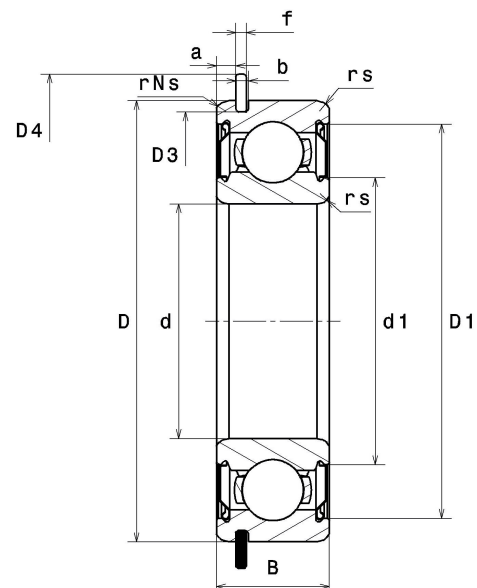


PDF technical sheet 6003ZZNR/2AS

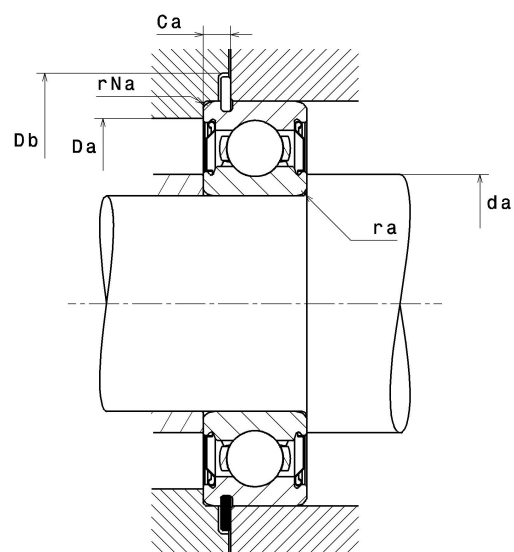


Single row deep groove ball bearings

Product definition	
d	0.6693 "
D	1.3780 "
B	0.3937 "
a min	0.0748 "
a max	0.0811 "
Ca min	0.1150 "
Ca max	0.1252 "
rs min	0.0118 "
rNs min	0.0118 "
D3 max	1.3059 "
b min	0.0531 "
b max	0.0650 "
r0 max	0.0157 "
D4 max	1.5630 "
f	0.0441 "
Snap ring reference	R35
Radial clearance class	CN
Mass	0.14 oz
Brand	NTN



Product performance	
Dynamic load, C	6.80 kN
Static load, C0	3.35 kN
Fatigue limit load, Cu	0.15 kN
f0	13.6
Nlim (grease)	20,000 RPM
Min operating temperature, Tmin	-4 °C
Max operating temperature, Tmax	248 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.47 Hz
Characteristic outer ring frequency, BPF0	3.15 Hz
Characteristic inner ring frequency, BPFI	4.86 Hz



Abutment dimensions	
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da min	0.7480 "
Da max	1.2992 "
ra max	0.0118 "
rNa max	0.0118 "
Db min	1.5945 "