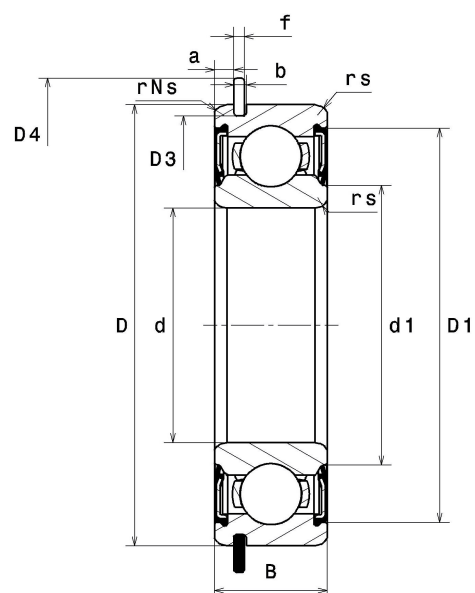


PDF technical sheet 6306.NR.EE

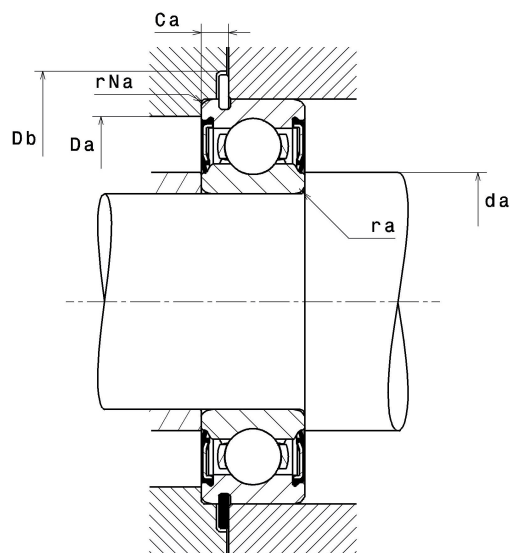


Single row deep groove ball bearings

Product definition	
d	30 mm
D	72 mm
B	19 mm
d1	42.40 mm
D1	62.60 mm
a min	3.07 mm
a max	3.28 mm
Ca min	4.67 mm
Ca max	4.98 mm
rs min	1.10 mm
rNs min	0.50 mm
D3 max	68.81 mm
b min	1.90 mm
b max	2.20 mm
r0 max	0.60 mm
D4 max	78.60 mm
f	1.65 mm
Snap ring reference	R72
Radial clearance class	CN
Mass	0.35 kg
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
Nlim	6,800 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	3.99 Hz
Characteristic outer ring frequency, BPF0	3.05 Hz
Characteristic inner ring frequency, BPF1	4.95 Hz



Abutment dimensions

da min	36.50 mm
da max	42.40 mm
Da max	65.50 mm
ra max	1 mm
rNa max	0.50 mm
Db min	80 mm

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