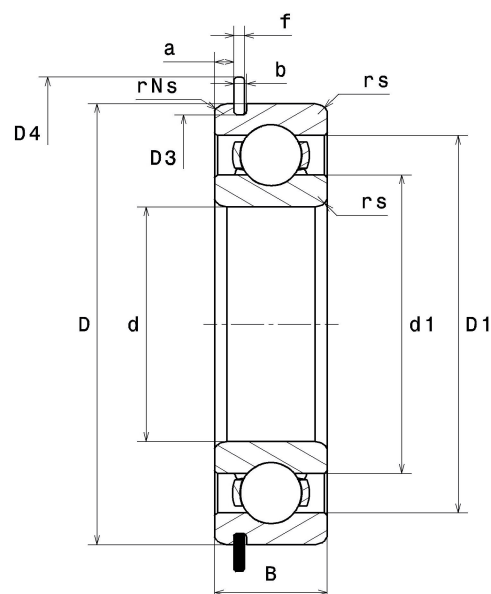


PDF technical sheet 6016NR

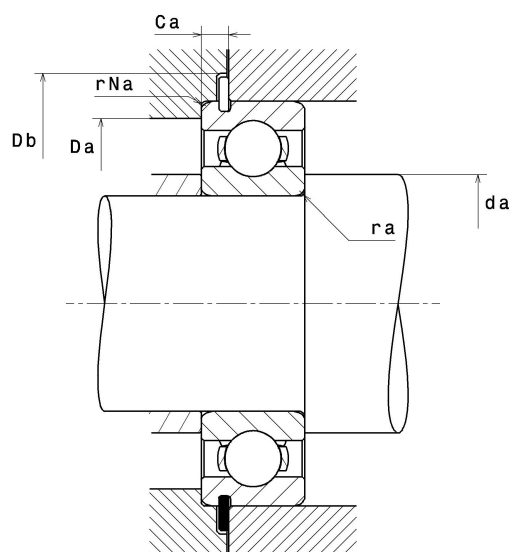


Single row deep groove ball bearings

Product definition	
d	80 mm
D	125 mm
B	22 mm
a min	2.67 mm
a max	2.87 mm
Ca min	5.49 mm
Ca max	5.69 mm
rs min	1.10 mm
rNs min	0.50 mm
D3 max	120.22 mm
b min	3.10 mm
b max	3.40 mm
r0 max	0.60 mm
D4 max	134.70 mm
f	2.82 mm
Snap ring reference	R125
Radial clearance class	CN
Mass	0.85 kg
Brand	NTN



Product performance	
Dynamic load, C	47.50 kN
Static load, C0	40 kN
Fatigue limit load, Cu	1.80 kN
f0	15.6
Nlim (oil)	6,200 Tr/min
Nlim (grease)	5,300 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.46 Hz
Characteristic outer ring frequency, BPF0	6.08 Hz
Characteristic inner ring frequency, BPF1	7.92 Hz



Abutment dimensions	
da min	86.50 mm
Da max	118.50 mm
ra max	1 mm
rNa max	0.50 mm
Db min	136.50 mm

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