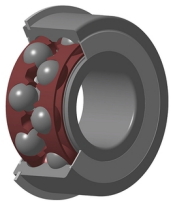
Technical datasheet

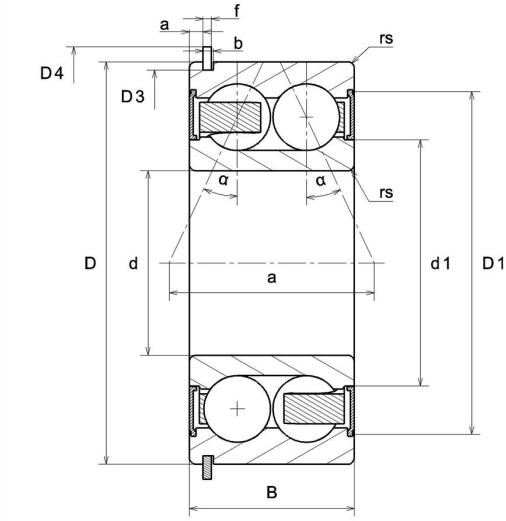
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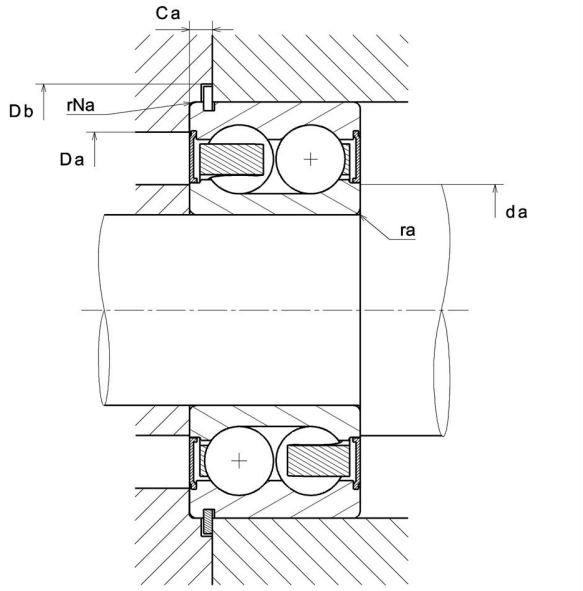
Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, snap ring and groove on outer diameter, shield on both sides

Visual(s)





Product definition

d	15 mm
D	35 mm
B	15.9 mm
d1	21.1 mm
D1	31.5 mm
a	18 mm
Contact angle α	25 °
a min	1.9 mm
a max	2.06 mm
rs min	0.6 mm
rNs min	0.6 mm
D3 max	33.17 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	39.7 mm
f	1.07 mm
Snap ring reference	R 35
Radial clearance class	CN
Precision class	P0
Mass	0.06 kg
Brand	SNR

Product performance

Dynamic load, C	11.4 kN
Static load, C0	7.1 kN
Fatigue limit load, Cu	0.48 kN
f0	13.5
Nref	14,000 rpm
Nlim	16,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	3.97 Hz
Characteristic outer ring frequency, BPF0	3.13 Hz
Characteristic inner ring frequency, BPFI	4.87 Hz

Abutment dimensions

da min	19 mm
da max	21.1 mm
Da max	31 mm
Ca min	2.92 mm
Ca max	3.18 mm
ra max	0.6 mm
rNa max	0.6 mm
Db min	40.4 mm