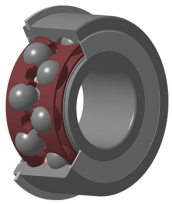
Technical datasheet

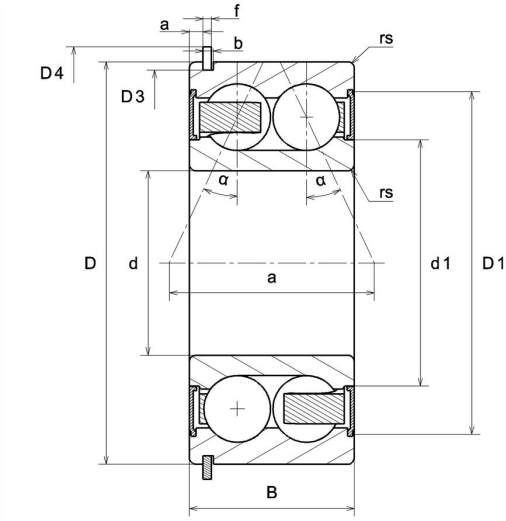
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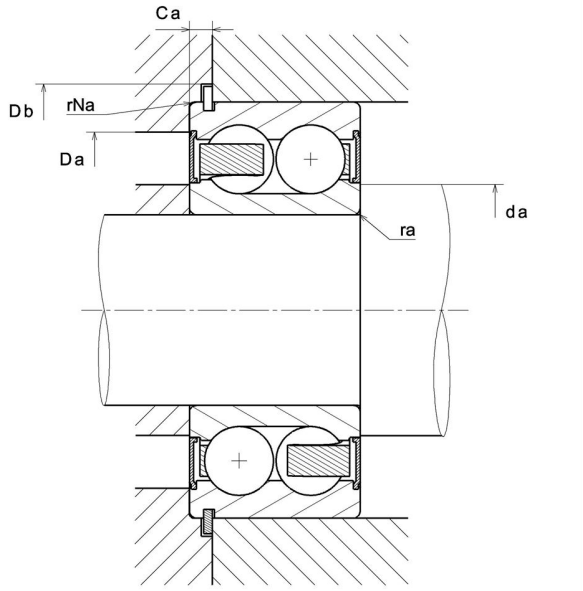
Double row angular contact ball bearings



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

Visual(s)





Product definition

d	40 mm
D	80 mm
B	30.2 mm
d1	53 mm
D1	71.3 mm
a	40.9 mm
Contact angle α	25 °
a min	3.07 mm
a max	3.28 mm
rs min	1.1 mm
rNs min	0.6 mm
D3 max	76.81 mm
b min	1.9 mm
b max	2.2 mm
r0 max	0.6 mm
D4 max	86.6 mm
f	1.65 mm
Snap ring reference	R 80
Radial clearance class	CN
Precision class	P0
Mass	0.55 kg
Brand	SNR

Product performance

Dynamic load, C	46.1 kN
Static load, C0	36.3 kN
Fatigue limit load, Cu	2.22 kN
f0	14.2
Nref	7,100 rpm
Nlim	6,500 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	4.63 Hz
Characteristic outer ring frequency, BPF0	3.65 Hz
Characteristic inner ring frequency, BPFI	5.35 Hz

Abutment dimensions

da min	46.5 mm
da max	53 mm
Da max	73.5 mm
Ca min	4.67 mm
Ca max	4.98 mm
ra max	1 mm
rNa max	0.6 mm
Db min	88 mm