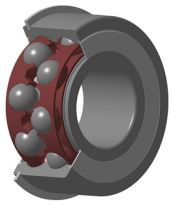
Technical datasheet

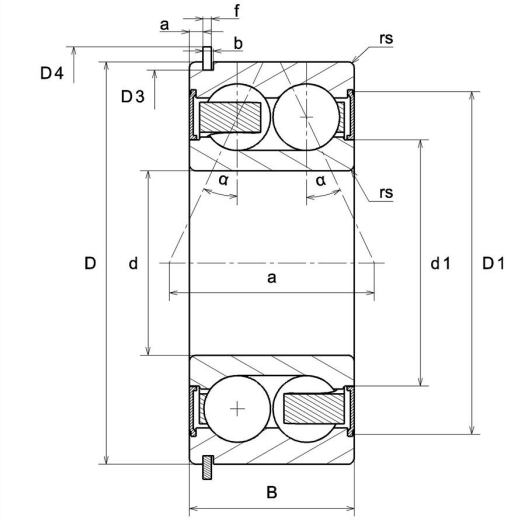
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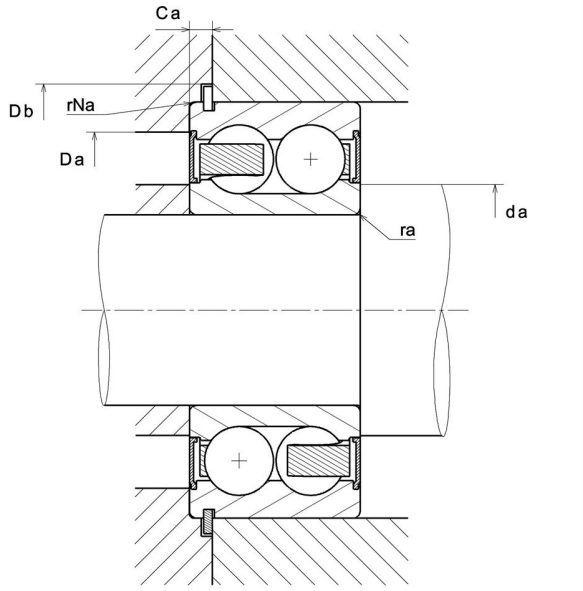
Double row angular contact ball bearings



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

Visual(s)





Product definition

d	35 mm
D	72 mm
B	27 mm
d1	47.2 mm
D1	64.3 mm
a	36.5 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	68.81 mm
b min	1.9 mm
b max	2.2 mm
r0 max	0.6 mm
D4 max	78.6 mm
f	1.65 mm
Snap ring reference	R 72
Radial clearance class	CN
Precision class	P0
Mass	0.41 kg
Brand	SNR

Product performance

Dynamic load, C	37.3 kN
Static load, C0	28.7 kN
Fatigue limit load, Cu	1.77 kN
f0	14.2
Nref	7,600 rpm
Nlim	7,300 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	4.64 Hz
Characteristic outer ring frequency, BPF0	3.65 Hz
Characteristic inner ring frequency, BPFI	5.35 Hz

Abutment dimensions

da min	41.5 mm
da max	47.2 mm
Da max	65.5 mm
Ca min	4.67 mm
Ca max	4.98 mm
ra max	1 mm
rNa max	0.6 mm
Db min	80 mm