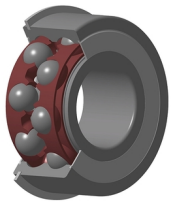
Technical datasheet

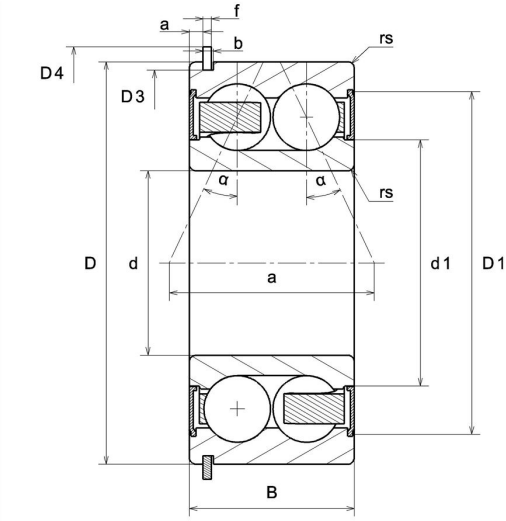
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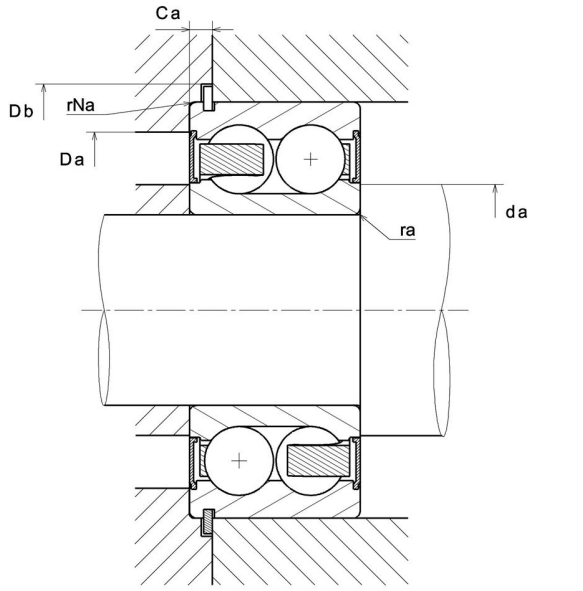
Double row angular contact ball bearings



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	90 mm
B	36.5 mm
d1	55.6 mm
D1	77.4 mm
a	45.8 mm
Contact angle α	25 °
a min	3.07 mm
a max	3.28 mm
rs min	1.5 mm
rNs min	0.6 mm
D3 max	86.79 mm
b min	2.7 mm
b max	3 mm
r0 max	0.6 mm
D4 max	96.5 mm
f	2.41 mm
Snap ring reference	R 90
Radial clearance class	CN
Precision class	P0
Mass	0.97 kg
Brand	SNR

Product performance

Dynamic load, C	59.1 kN
Static load, C0	43.9 kN
Fatigue limit load, Cu	2.75 kN
f0	13.3
Nref	6,000 rpm
Nlim	5,800 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.12 Hz
Characteristic outer ring frequency, BPF0	3.16 Hz
Characteristic inner ring frequency, BPFI	4.84 Hz