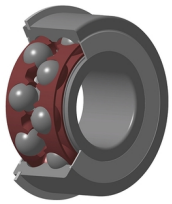
Technical datasheet

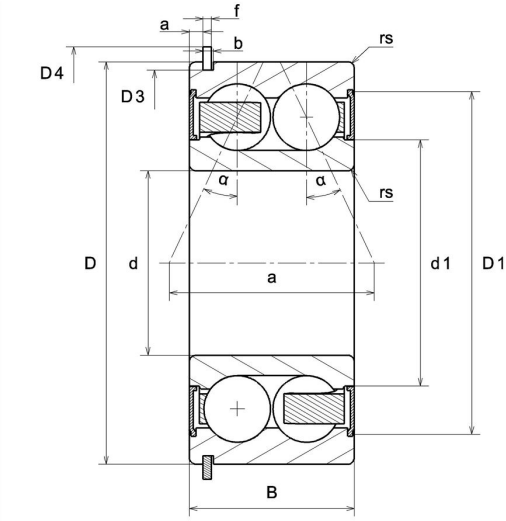
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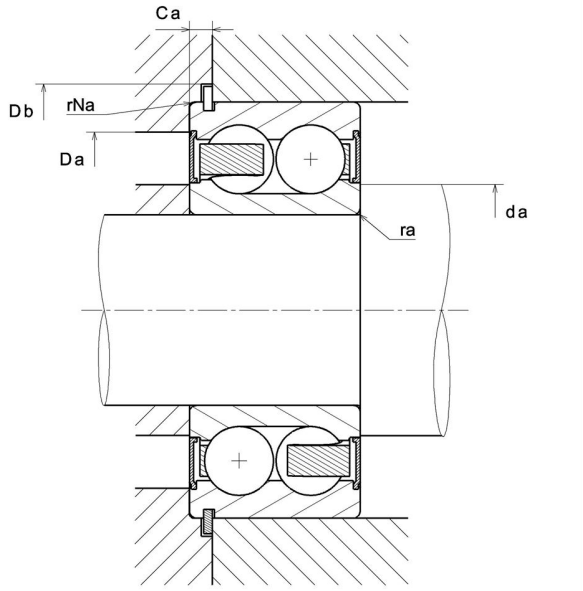
Double row angular contact ball bearings



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

Visual(s)





Product definition

d	55 mm
D	120 mm
B	49.2 mm
d1	75.2 mm
D1	105 mm
a	61.2 mm
Contact angle α	25 °
a min	3.86 mm
a max	4.06 mm
rs min	2 mm
rNs min	1 mm
D3 max	115.21 mm
b min	3.1 mm
b max	3.4 mm
r0 max	0.6 mm
D4 max	129.7 mm
f	2.77 mm
Snap ring reference	R 120
Radial clearance class	CN
Precision class	P0
Mass	2.11 kg
Brand	SNR

Product performance

Dynamic load, C	98.6 kN
Static load, C0	78.8 kN
Fatigue limit load, Cu	4.9 kN
f0	13.8
Nref	5,000 rpm
Nlim	4,400 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	4.2 Hz
Characteristic outer ring frequency, BPF0	3.17 Hz
Characteristic inner ring frequency, BPFI	4.83 Hz

Abutment dimensions

da min	64 mm
da max	75.2 mm
Da max	111 mm
Ca min	6.58 mm
Ca max	6.88 mm
ra max	2 mm
rNa max	1 mm
Db min	131.5 mm