Technical datasheet

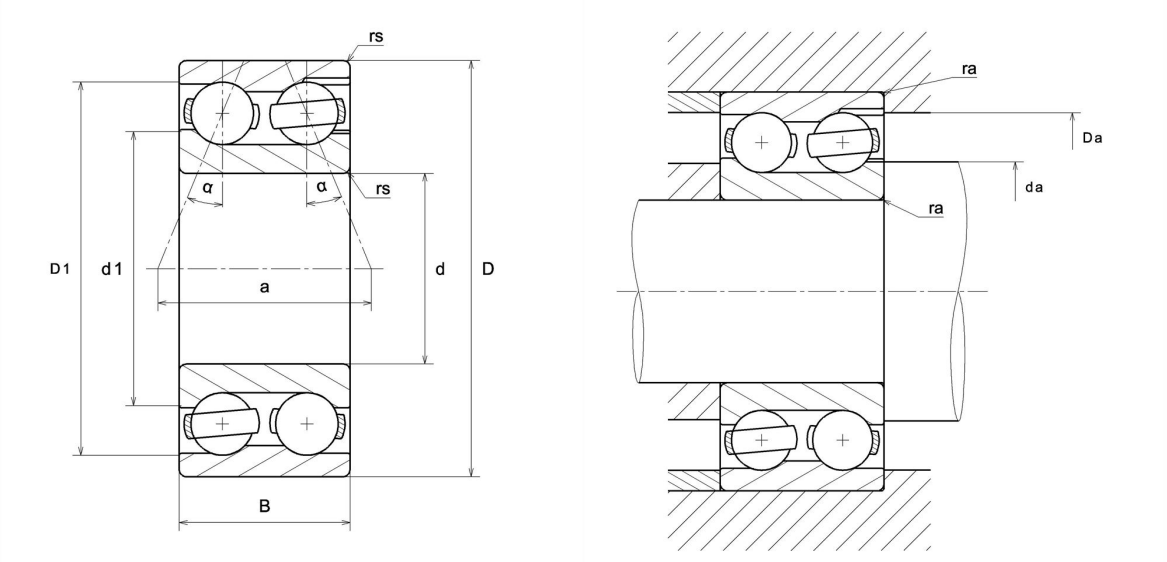
3307BC3

Double row angular contact ball bearings

Double row angular contact ball bearing, pressed steel cage, filling slot, open



Visual(s)



Product definition

d	35 mm
D	80 mm
B	34.9 mm
d1	51.7 mm
D1	70.3 mm
a	54.1 mm
Contact angle α	32 °
rs min	1.5 mm
Radial clearance class	C3
Precision class	P0
Mass	0.78 kg
Brand	SNR

Product performance

Dynamic load, C	48.1 kN
Static load, C0	47 kN
Fatigue limit load, Cu	3.05 kN
f0	14.3
Nref	6,600 rpm
Nlim	8,200 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	4.41 Hz
Characteristic outer ring frequency, BPF0	4.89 Hz
Characteristic inner ring frequency, BPFI	7.11 Hz

Abutment dimensions

da min	43 mm
Da max	72 mm
ra max	1.5 mm