Technical datasheet

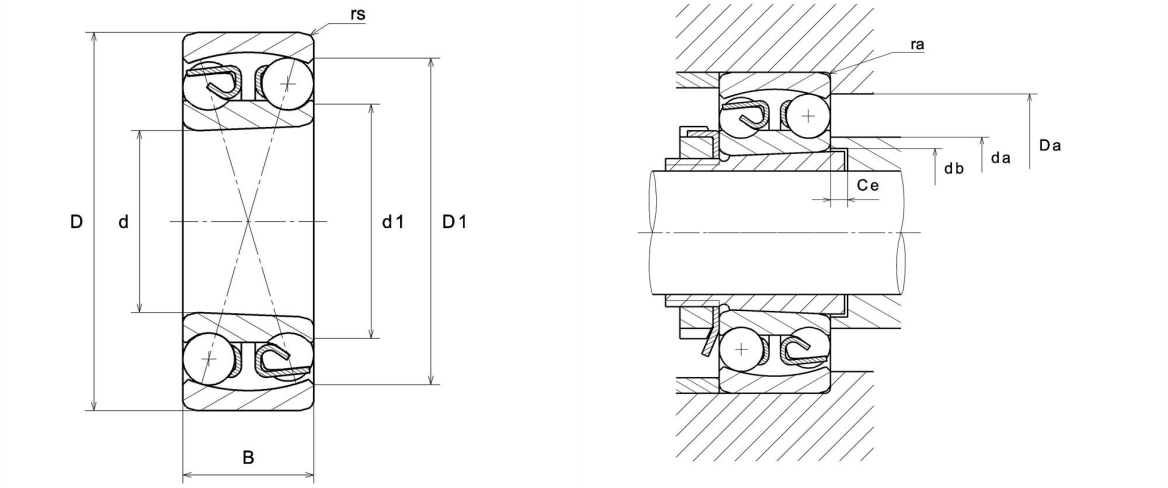
1219KC3

Double row self aligning ball bearings



Self-aligning ball bearing, pressed steel cage, tapered bore, open

Visual(s)



Product definition

d	95 mm
D	170 mm
B	32 mm
d1	120.6 mm
D1	147.6 mm
rs min	2.1 mm
Associated sleeve reference	H219
e	0.17
Y1	3.68
Y2	5.69
Y0	3.85
Radial clearance class	C3
Precision class	P0
Mass	3.2 kg
Brand	SNR

Product performance

Dynamic load, C	63.1 kN
Static load, C0	27.1 kN
Nref	4,700 rpm
Nlim	5,100 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.89 Hz
Characteristic outer ring frequency, BPF0	8.76 Hz
Characteristic inner ring frequency, BPFI	11.24 Hz

Abutment dimensions

da min	106 mm
da max	117 mm
db min	100 mm
Ce min	7 mm
Da max	159 mm
ra max	2 mm