Technical datasheet

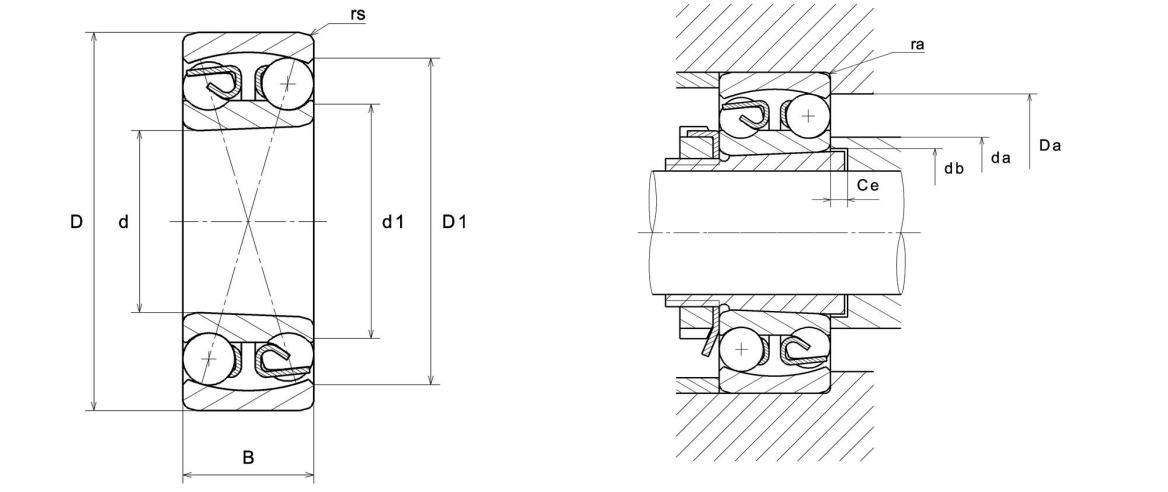
1218KC3

Double row self aligning ball bearings



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

Visual(s)



Product definition

d	90 mm
D	160 mm
B	30 mm
d1	112.7 mm
D1	138.2 mm
rs min	2 mm
Associated sleeve reference	H218
e	0.17
Y1	3.76
Y2	5.81
Y0	3.93
Radial clearance class	C3
Precision class	P0
Mass	2.5 kg
Brand	SNR

Product performance

Dynamic load, C	56.4 kN
Static load, C0	23.5 kN
Nref	4,800 rpm
Nlim	5,400 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	7.74 Hz
Characteristic outer ring frequency, BPF0	8.3 Hz
Characteristic inner ring frequency, BPFI	10.7 Hz

Abutment dimensions

da min	99 mm
da max	110 mm
db min	95 mm
Ce min	6 mm
Da max	151 mm
ra max	2 mm