Technical datasheet

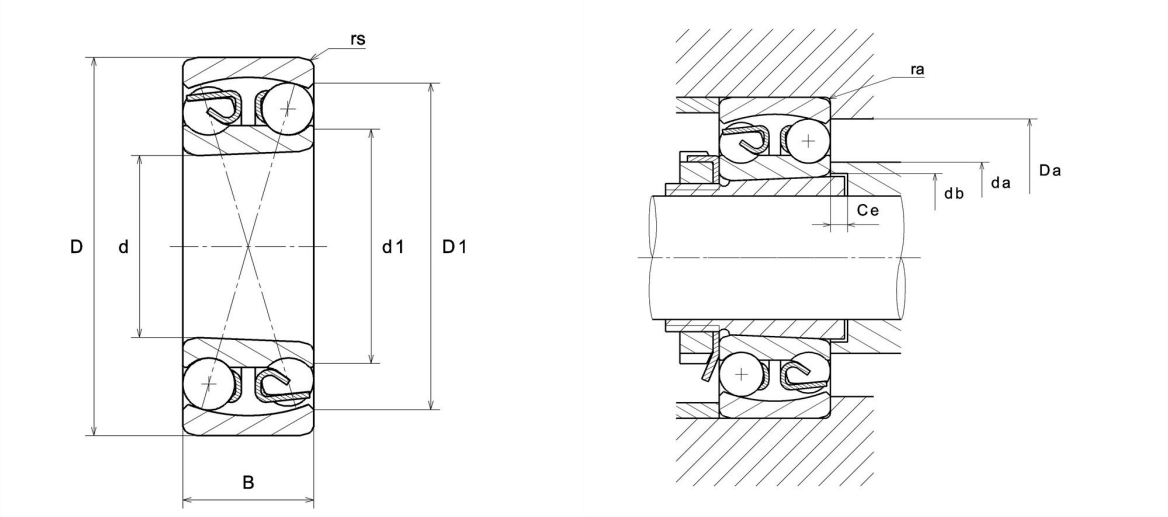
1222KC3

Double row self aligning ball bearings



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

Visual(s)



Product definition

d	110 mm
D	200 mm
B	38 mm
d1	140.6 mm
D1	173.1 mm
rs min	2.1 mm
Associated sleeve reference	H222
e	0.17
Y1	3.64
Y2	5.64
Y0	3.82
Radial clearance class	C3
Precision class	P0
Mass	5.32 kg
Brand	SNR

Product performance

Dynamic load, C	87 kN
Static load, C0	38.6 kN
Nref	4,300 rpm
Nlim	4,300 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	7.75 Hz
Characteristic outer ring frequency, BPF0	8.74 Hz
Characteristic inner ring frequency, BPFI	11.26 Hz

Abutment dimensions

da min	121 mm
da max	138 mm
db min	116 mm
Ce min	7 mm
Da max	189 mm
ra max	2 mm