Technical datasheet

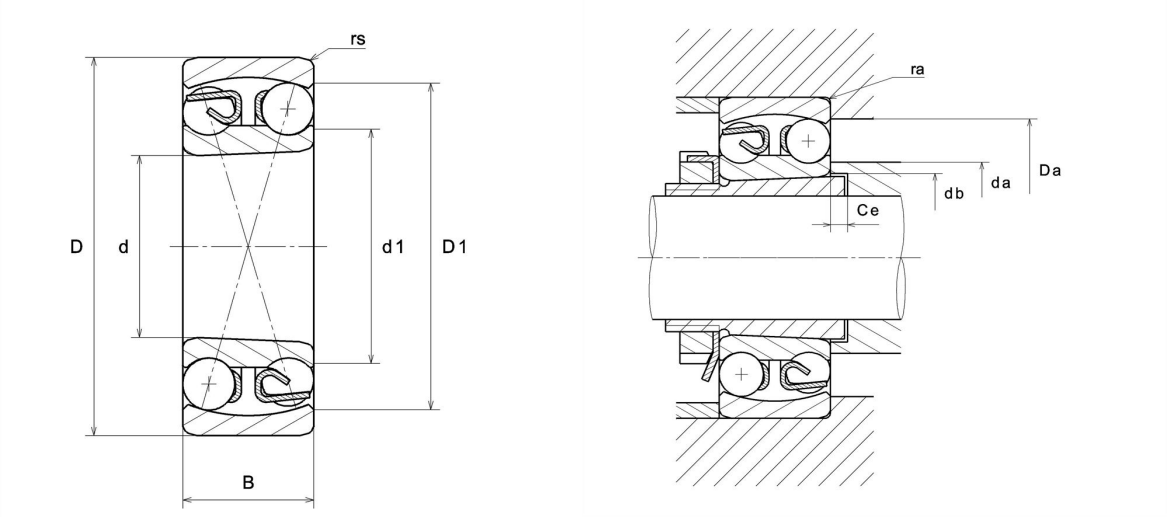
2210K

Double row self aligning ball bearings



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

Visual(s)



Product definition

d	50 mm
D	90 mm
B	23 mm
d1	62.7 mm
D1	77 mm
rs min	1.1 mm
Associated sleeve reference	H310
e	0.29
Y1	2.2
Y2	3.41
Y0	2.31
Radial clearance class	CN
Precision class	P0
Mass	0.57 kg
Brand	SNR

Product performance

Dynamic load, C	23 kN
Static load, C0	8.5 kN
Fatigue limit load, Cu	1.91 kN
Nref	7,400 rpm
Nlim	9,300 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.17 Hz
Characteristic outer ring frequency, BPF0	8.22 Hz
Characteristic inner ring frequency, BPFI	10.78 Hz

Abutment dimensions

da min	56.5 mm
da max	62 mm
db min	55 mm
Ce min	10 mm
Da max	83.5 mm
ra max	1 mm