Technical datasheet

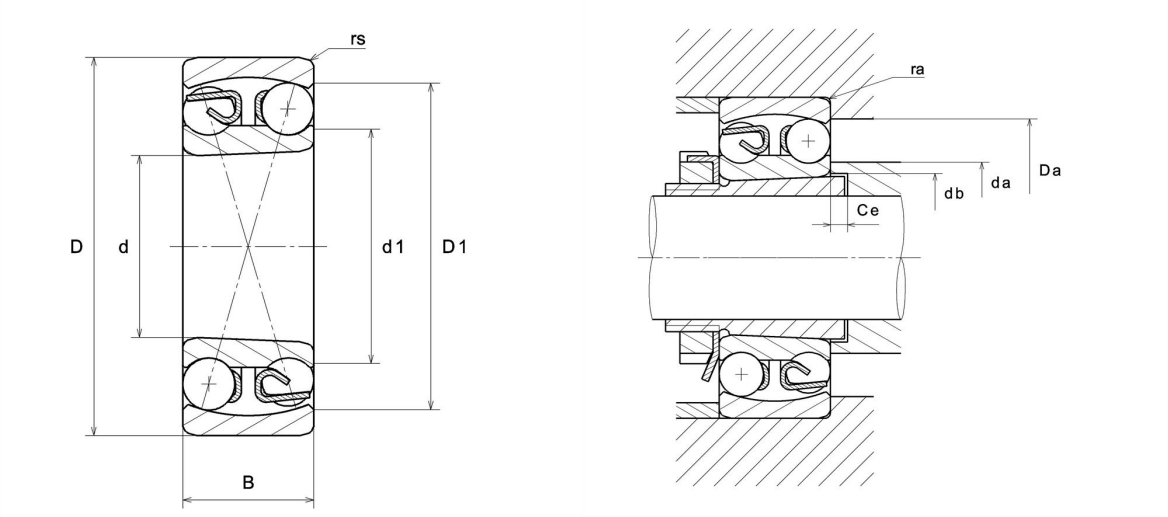
2212KC3

Double row self aligning ball bearings



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

Visual(s)



Product definition

d	60 mm
D	110 mm
B	28 mm
d1	75.7 mm
D1	93.5 mm
rs min	1.5 mm
Associated sleeve reference	H312
e	0.28
Y1	2.25
Y2	3.48
Y0	2.36
Radial clearance class	C3
Precision class	P0
Mass	1.07 kg
Brand	SNR

Product performance

Dynamic load, C	33.7 kN
Static load, C0	12.6 kN
Nref	6,600 rpm
Nlim	7,700 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	6.94 Hz
Characteristic outer ring frequency, BPF0	7.75 Hz
Characteristic inner ring frequency, BPFI	10.25 Hz

Abutment dimensions

da min	68 mm
da max	73 mm
db min	65 mm
Ce min	8 mm
Da max	102 mm
ra max	1.5 mm