



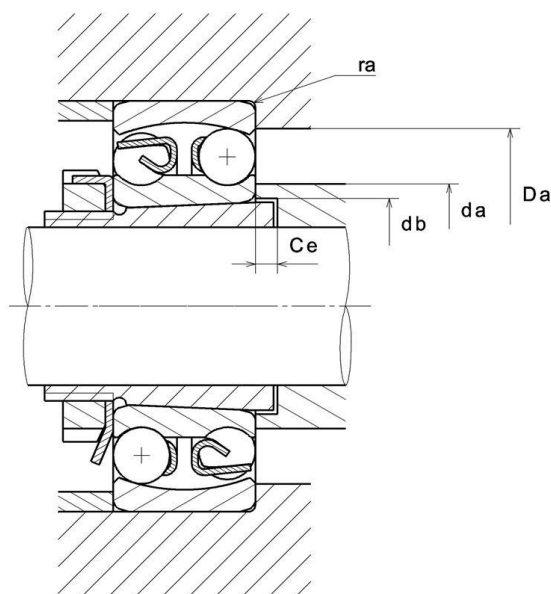
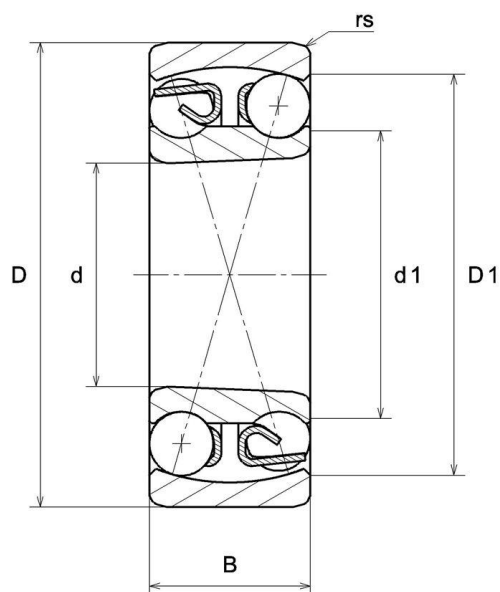
Technical data

2215K

Double-row self-aligning ball bearings

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

VISUAL (S)



2215K

Double-row self-aligning ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	75 mm
D - External diameter	130 mm
B - Bearing/Inner ring width	31 mm
d1 - External diameter inner ring	93,3 mm
D1 - Inner diameter outer ring	113,8 mm
rs - Min fillet radius	1,5 mm
Associated sleeve reference	H315
Radial clearance class	CN
Precision class	P0
Mass	1,57 kg

PRODUCT PERFORMANCE

C - Dynamic load	43,8 kN
C0 - Static load	17,8 kN
Cu - Fatigue limit load	0,8 kN
e - Coefficient	0.25
Y0 - Static axial load coefficient	2.62
Y1 - Lower axial load coefficient	2.5
Y2 - Upper axial load coefficient	3.87
Nref - Reference thermal speed	5600 tr/min
Nlim - Mechanical Limit Speed	6300 tr/min
Tmin - Min operating temperature	-40 °C
Tmax - Max operating temperature	120 °C

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BEARING FREQUENCIES

BPFO - Characteristic outer ring frequency (60 rpm)	8.709 Hz
BPMI - Characteristic inner ring frequency (60 rpm)	11.291 Hz
FTF - Characteristic cage frequency (60 rpm)	0.435 Hz
BSF - Characteristic rolling element frequency (60 rpm)	7.509 Hz

ABUTMENT

da min - Min shoulder diameter IR	83 mm
da max - Max shoulder diameter IR	91 mm
db - Min diameter for Sleeve	80 mm
Ce - Min length fro Sleeve	12 mm
Da max - Max shoulder diameter OR	122 mm
ra max - Max shaft & housing fillet radius	1,5 mm