



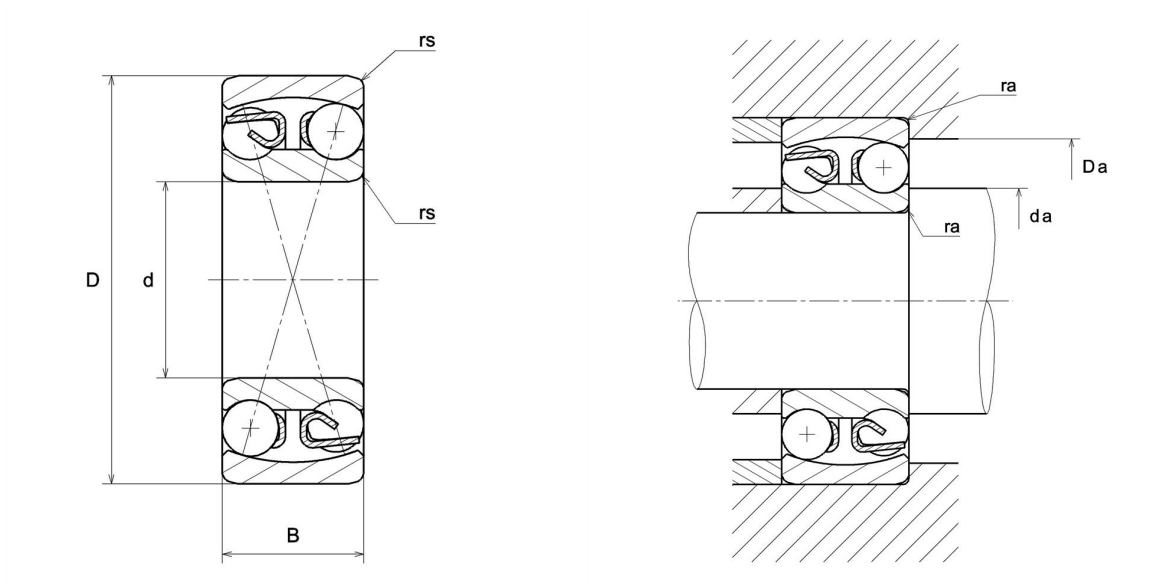
Technical datasheet

2303S

Double row self aligning ball bearings

Self-aligning ball bearing, pressed steel cage, open

Visual(s)



Product definition

d	17 mm
D	47 mm
B	19 mm
rs min	1 mm
e	0.51
Y1	1.2
Y2	1.9
Y0	1.3
Radial clearance class	CN
Precision class	P0
Mass	0.15 kg
Brand	NTN

Product performance

Dynamic load, C	14.7 kN
Static load, C0	3.55 kN
Nlim (oil)	16,000 rpm
Nlim (grease)	13,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	22 mm
Da max	42 mm
ra max	1 mm