

Technical data

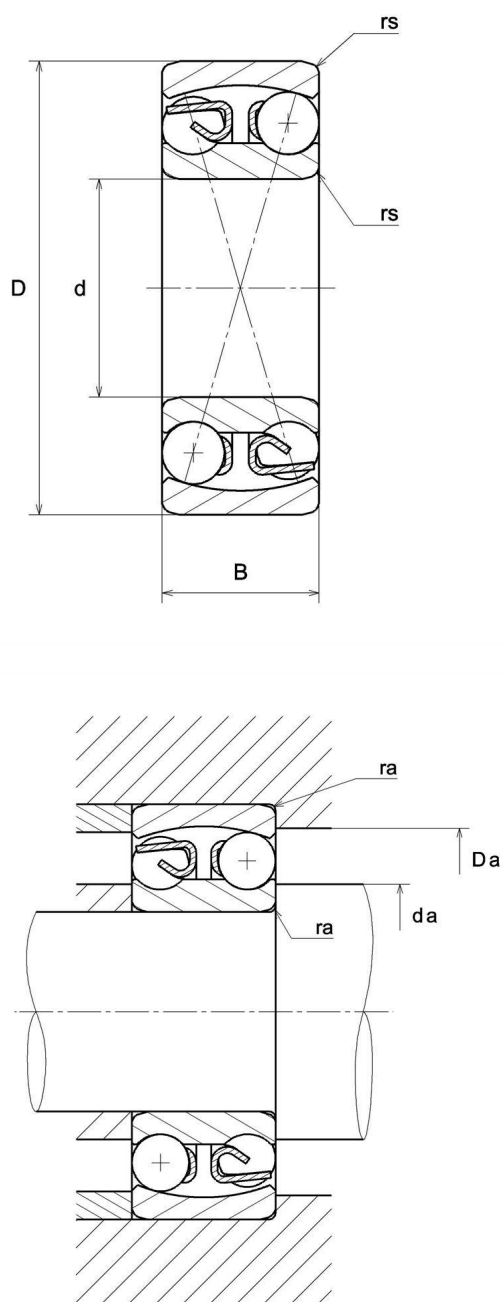
1310SC3

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	50 mm
D - External diameter	110 mm
B - Bearing/Inner ring width	27 mm
rs - Min fillet radius	2 mm
Radial clearance class	C3
Precision class	P0
Mass	1,23 kg

PRODUCT PERFORMANCE

C - Dynamic load	43500000 mN
C0 - Static load	14100000 mN
Cu - Fatigue limit load	350000 mN
e - Coefficient	0.23
Y0 - Static axial load coefficient	2.8
Y1 - Lower axial load coefficient	2.7
Y2 - Upper axial load coefficient	4.2
N lim - Oil lubrication limit speed	40200 °/s
N lim - Grease lubrication limit speed	33600 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	59 mm
Da max - Max shoulder diameter OR	101 mm



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ra max - Max shaft & housing fillet radius	2 mm