

Technical data

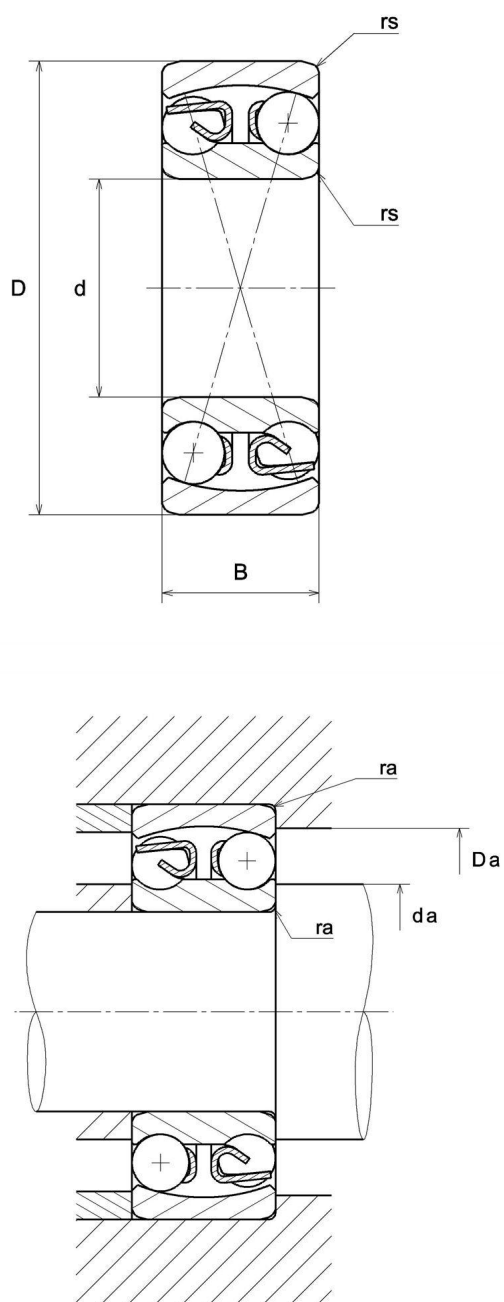
1211SC3

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	55 mm
D - External diameter	100 mm
B - Bearing/Inner ring width	21 mm
rs - Min fillet radius	1,5 mm
Radial clearance class	C3
Precision class	P0
Mass	0,708 kg

PRODUCT PERFORMANCE

C - Dynamic load	26900000 mN
C0 - Static load	10000000 mN
Cu - Fatigue limit load	400000 mN
e - Coefficient	0.2
Y0 - Static axial load coefficient	3.3
Y1 - Lower axial load coefficient	3.2
Y2 - Upper axial load coefficient	4.9
N lim - Oil lubrication limit speed	42600 °/s
N lim - Grease lubrication limit speed	36000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	63 mm
Da max - Max shoulder diameter OR	92 mm



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ABUTMENT

ra max - Max shaft & housing fillet radius

1,5 mm



NTN Europe

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