

Technical data

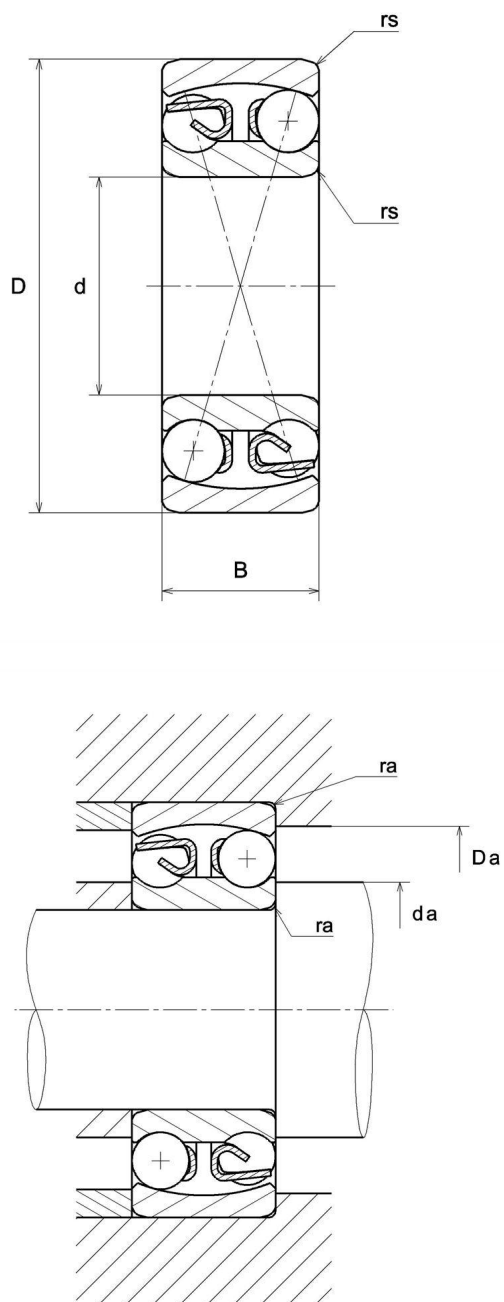
1309S

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	45 mm
D - External diameter	100 mm
B - Bearing/Inner ring width	25 mm
rs - Min fillet radius	1,5 mm
Radial clearance class	CN
Precision class	P0
Mass	0,971 kg

PRODUCT PERFORMANCE

C - Dynamic load	38500000 mN
C0 - Static load	12700000 mN
Cu - Fatigue limit load	330000 mN
e - Coefficient	0.25
Y0 - Static axial load coefficient	2.7
Y1 - Lower axial load coefficient	2.6
Y2 - Upper axial load coefficient	4
N lim - Oil lubrication limit speed	45000 °/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	53 mm
Da max - Max shoulder diameter OR	92 mm



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ABUTMENT	
ra max - Max shaft & housing fillet radius	1,5 mm