

Technical data

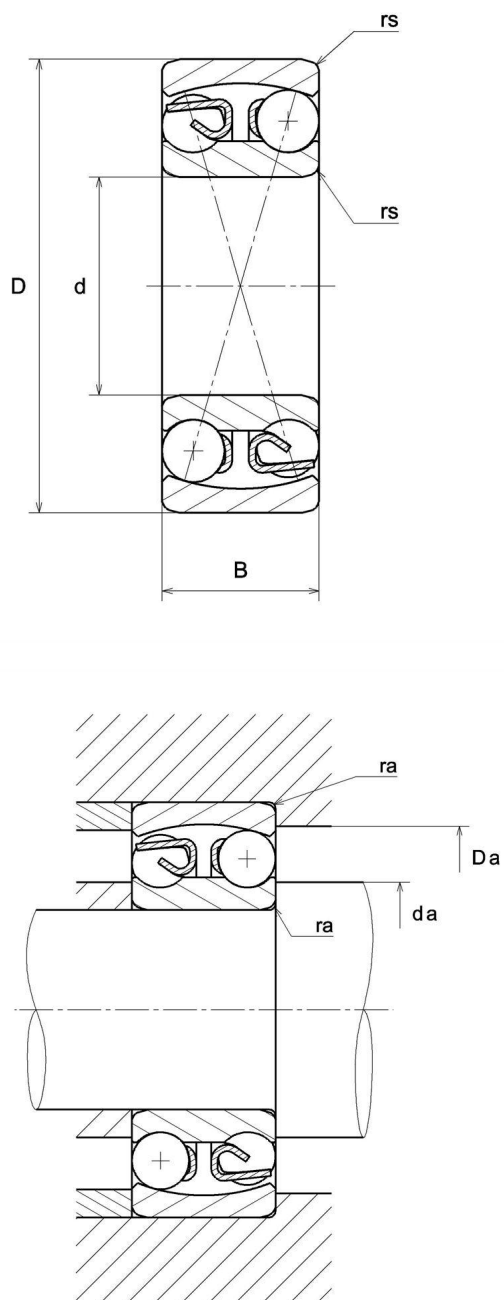
1209SC3

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	85 mm
B - Bearing/Inner ring width	19 mm
rs - Min fillet radius	1,1 mm
Radial clearance class	C3
Precision class	P0
Mass	0,47 kg

PRODUCT PERFORMANCE

C - Dynamic load	22000000 mN
C0 - Static load	7350000 mN
Cu - Fatigue limit load	290000 mN
e - Coefficient	0.21
Y0 - Static axial load coefficient	3.1
Y1 - Lower axial load coefficient	3
Y2 - Upper axial load coefficient	4.7
N lim - Oil lubrication limit speed	51000 °/s
N lim - Grease lubrication limit speed	42600 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	51,5 mm
Da max - Max shoulder diameter OR	78,5 mm



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