

Technical data

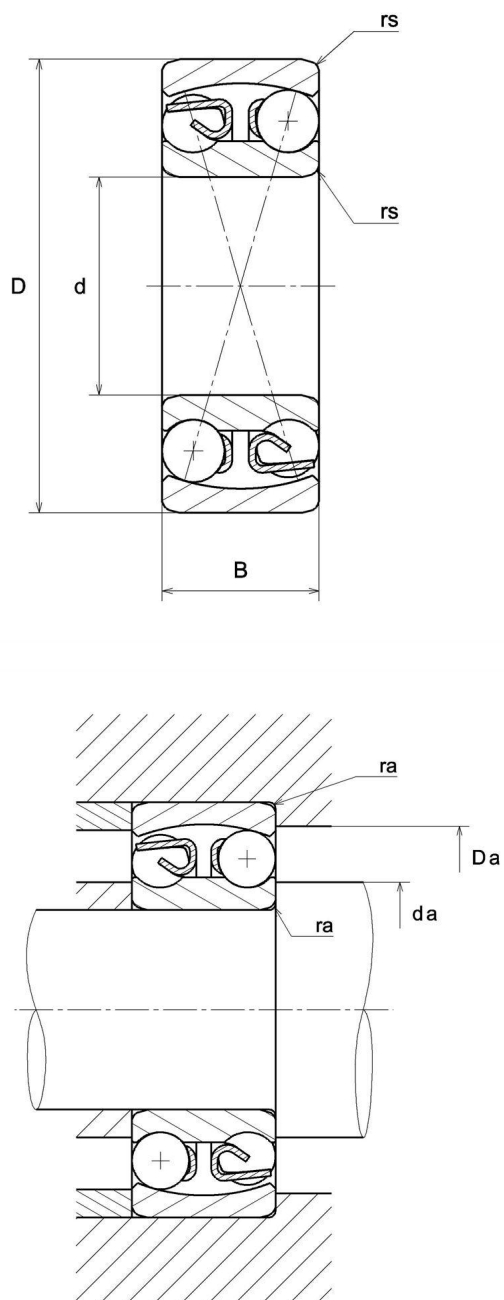
1205SC3

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

VISUAL (S)



1205SC3

Double-row self-aligning ball bearings

PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	25 mm
D - External diameter	52 mm
B - Bearing/Inner ring width	15 mm
rs - Min fillet radius	1 mm
Radial clearance class	C3
Precision class	P0
Mass	0,14 kg

PRODUCT PERFORMANCE

C - Dynamic load	12200000 mN
C0 - Static load	3300000 mN
Cu - Fatigue limit load	130000 mN
e - Coefficient	0.28
Y0 - Static axial load coefficient	2.4
Y1 - Lower axial load coefficient	2.3
Y2 - Upper axial load coefficient	3.5
N lim - Oil lubrication limit speed	84000 °/s
N lim - Grease lubrication limit speed	72000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	30 mm
Da max - Max shoulder diameter OR	47 mm



NTN Europe

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S.A. au capital de 322 639 919 € · RCS ANNECY B 325 821 072 · Id. Fiscale : FR 48 325 821 072
SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

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