

Technical data

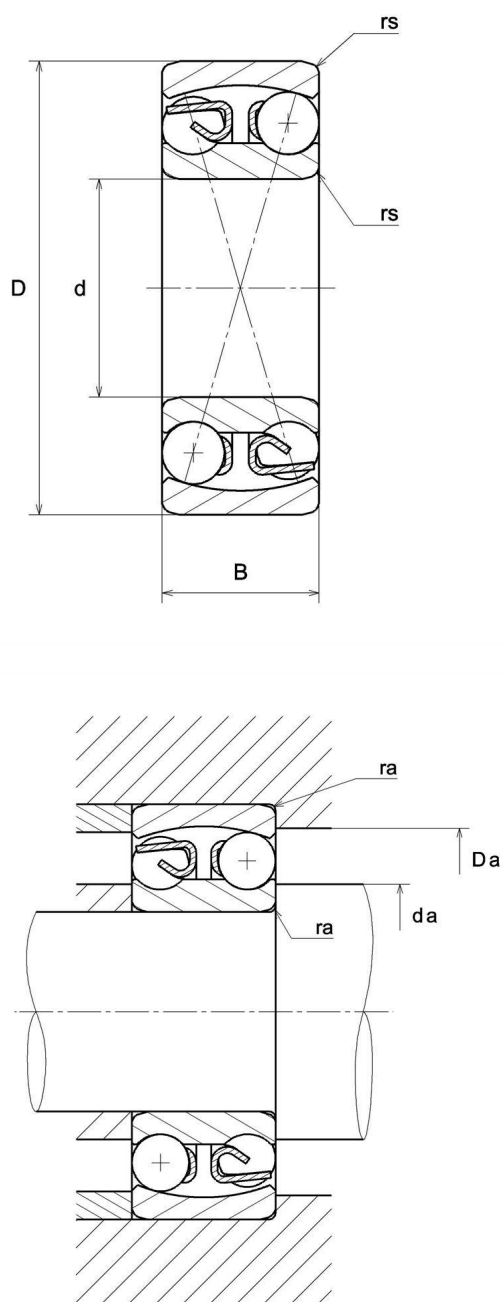
1214SC3

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	70 mm
D - External diameter	125 mm
B - Bearing/Inner ring width	24 mm
rs - Min fillet radius	1,5 mm
Radial clearance class	C3
Precision class	P0
Mass	1,3 kg

PRODUCT PERFORMANCE

C - Dynamic load	35000000 mN
C0 - Static load	13800000 mN
Cu - Fatigue limit load	550000 mN
e - Coefficient	0.18
Y0 - Static axial load coefficient	3.6
Y1 - Lower axial load coefficient	3.4
Y2 - Upper axial load coefficient	5.3
N lim - Oil lubrication limit speed	33600 °/s
N lim - Grease lubrication limit speed	28800 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	78 mm
Da max - Max shoulder diameter OR	117 mm



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ABUTMENT

ra max - Max shaft & housing fillet radius

1,5 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