

Technical data

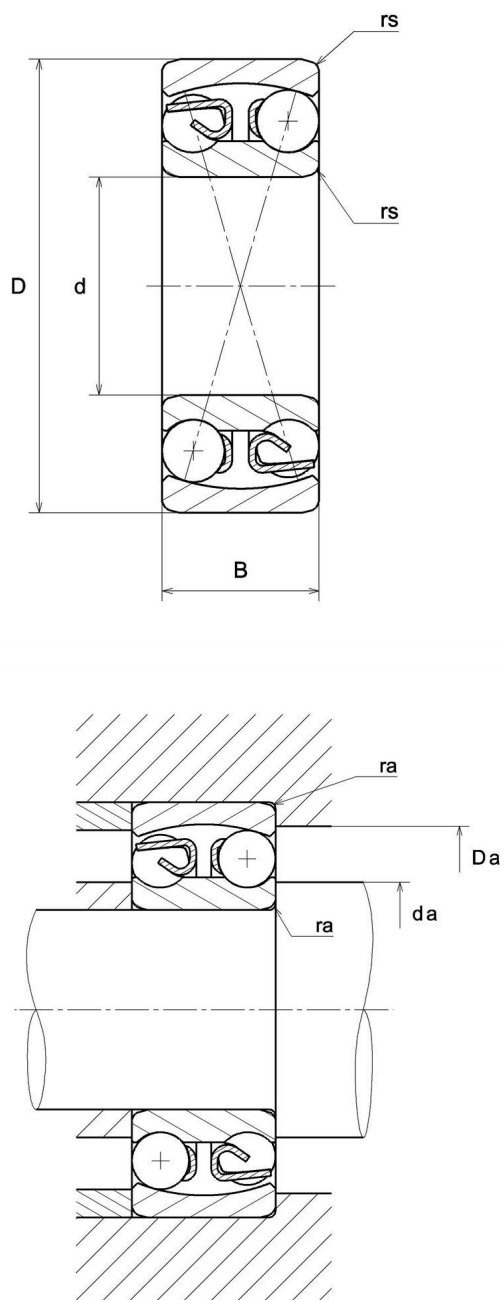
2314SC3

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	150 mm
B - Bearing/Inner ring width	51 mm
rs - Min fillet radius	2,1 mm
Radial clearance class	C3
Precision class	P0
Mass	3,9 kg

PRODUCT PERFORMANCE

C - Dynamic load	111000000 mN
C0 - Static load	37500000 mN
Cu - Fatigue limit load	1600000 mN
e - Coefficient	0.38
Y0 - Static axial load coefficient	1.8
Y1 - Lower axial load coefficient	1.7
Y2 - Upper axial load coefficient	2.6
N lim - Oil lubrication limit speed	27000 °/s
N lim - Grease lubrication limit speed	21600 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	81 mm
Da max - Max shoulder diameter OR	139 mm



NTN Europe

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ABUTMENT	
ra max - Max shaft & housing fillet radius	2 mm