

Technical data

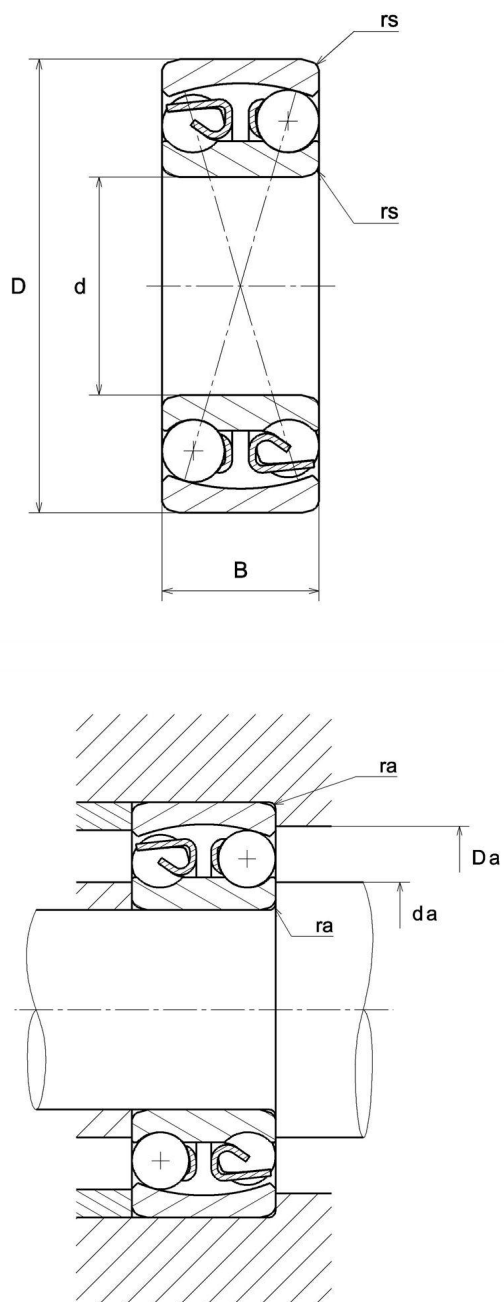
2312SC3

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	60 mm
D - External diameter	130 mm
B - Bearing/Inner ring width	46 mm
rs - Min fillet radius	2,1 mm
Radial clearance class	C3
Precision class	P0
Mass	2,58 kg

PRODUCT PERFORMANCE

C - Dynamic load	88500000 mN
C0 - Static load	28300000 mN
Cu - Fatigue limit load	1200000 mN
e - Coefficient	0.4
Y0 - Static axial load coefficient	1.6
Y1 - Lower axial load coefficient	1.6
Y2 - Upper axial load coefficient	2.4
N lim - Oil lubrication limit speed	31800 °/s
N lim - Grease lubrication limit speed	25800 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	71 mm
Da max - Max shoulder diameter OR	119 mm



NTN Europe

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00
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ABUTMENT	
ra max - Max shaft & housing fillet radius	2 mm