

Technical data

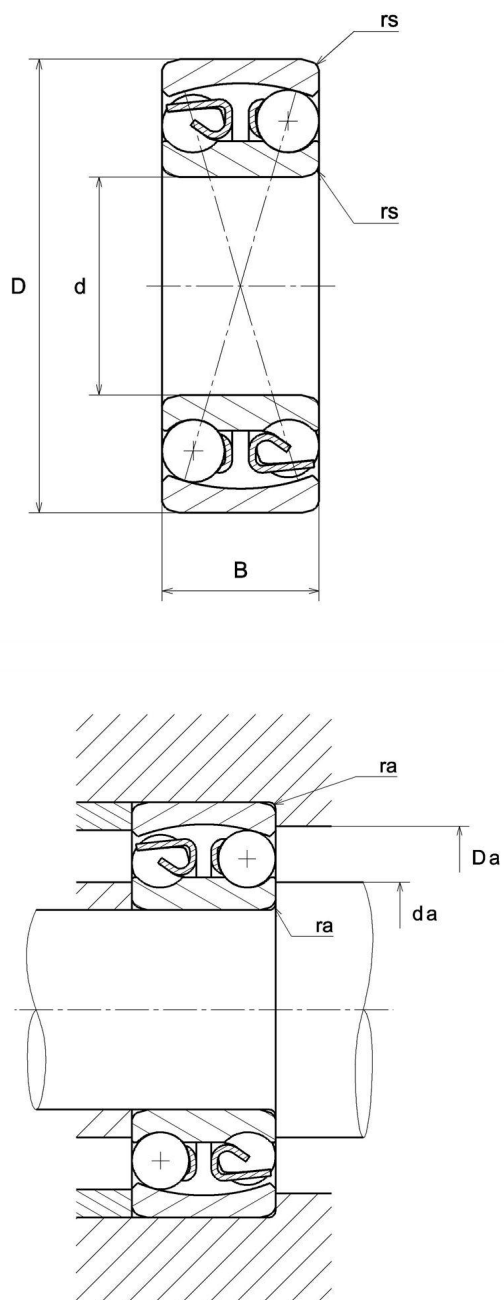
2212SC3

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	110 mm
B - Bearing/Inner ring width	28 mm
rs - Min fillet radius	1,5 mm
Radial clearance class	C3
Precision class	P0
Mass	1,1 kg

PRODUCT PERFORMANCE

C - Dynamic load	34000000 mN
C0 - Static load	12600000 mN
Cu - Fatigue limit load	840000 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	37800 °/s
N lim - Grease lubrication limit speed	31800 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	68 mm
Da max - Max shoulder diameter OR	102 mm



ABUTMENT	
ra max - Max shaft & housing fillet radius	1,5 mm

