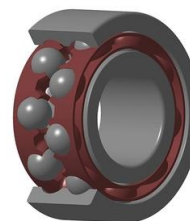


Technical data

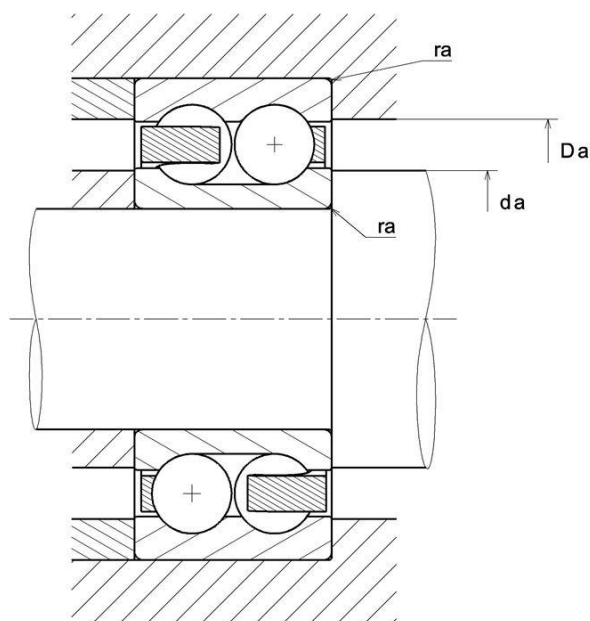
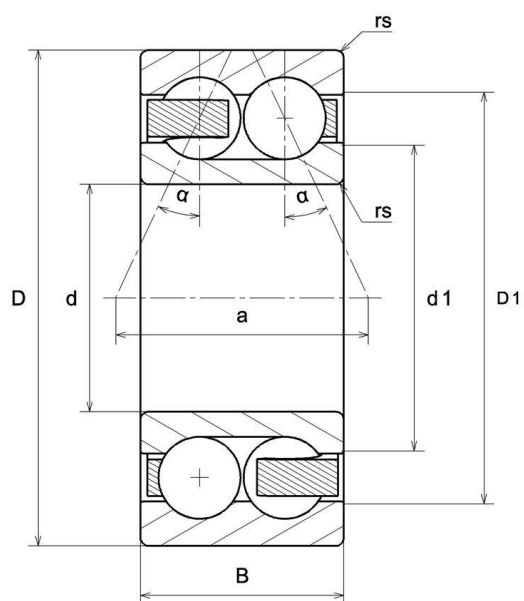
3310AC3

Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, open

VISUAL (S)



3310AC3

Double row angular contact ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	50 mm
D - External diameter	110 mm
B - Bearing/Inner ring width	44,4 mm
d1 - External diameter inner ring	68,3 mm
D1 - Inner diameter outer ring	89,6 mm
a - Charge load application point	55 mm
- Contact angle	25 °
rs - Min fillet radius	2 mm
Radial clearance class	C3
Precision class	P0
Mass	1,6 kg

PRODUCT PERFORMANCE

C - Dynamic load	78400000 mN
C0 - Static load	61600000 mN
Cu - Fatigue limit load	3800000 mN
f0 - Coefficient	13.9
N ref - Reference thermal speed	31200 °/s
N lim - Mechanical Limit Speed	36000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	3.196 Hz
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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

3310AC3

Double row angular contact ball bearings

BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	4.804 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.324 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.162 Hz
FTF - Rotational frequency - cage (60 rpm)	0.399 Hz

ABUTMENT

da min - Min shoulder diameter IR	59 mm
Da max - Max shoulder diameter OR	101 mm
ra max - Max shaft & housing fillet radius	2 mm



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