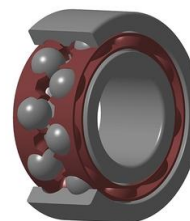


Technical data

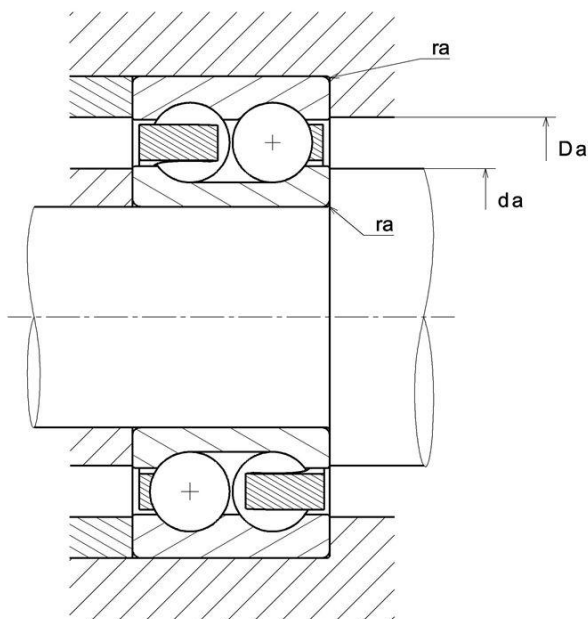
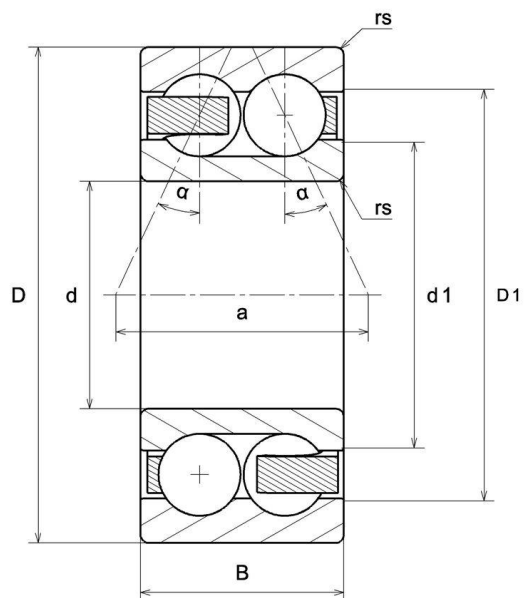
3210AC3

Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, open

VISUAL (S)



3210AC3

Double row angular contact ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	50 mm
D - External diameter	90 mm
B - Bearing/Inner ring width	30,2 mm
d1 - External diameter inner ring	62 mm
D1 - Inner diameter outer ring	78,1 mm
a - Charge load application point	45,5 mm
- Contact angle	25 °
rs - Min fillet radius	1,1 mm
Radial clearance class	C3
Precision class	P0
Mass	0,76 kg

PRODUCT PERFORMANCE

C - Dynamic load	48500000 mN
C0 - Static load	42200000 mN
Cu - Fatigue limit load	2550000 mN
f0 - Coefficient	14.9
N ref - Reference thermal speed	35400 °/s
N lim - Mechanical Limit Speed	42000 °/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)	4.191 Hz
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NTN Europe

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SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

3210AC3

Double row angular contact ball bearings

BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	5.809 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	5.453 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.727 Hz
FTF - Rotational frequency - cage (60 rpm)	0.419 Hz

ABUTMENT

da min - Min shoulder diameter IR	56,5 mm
Da max - Max shoulder diameter OR	83,5 mm
ra max - Max shaft & housing fillet radius	1 mm



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