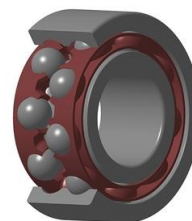


Technical data

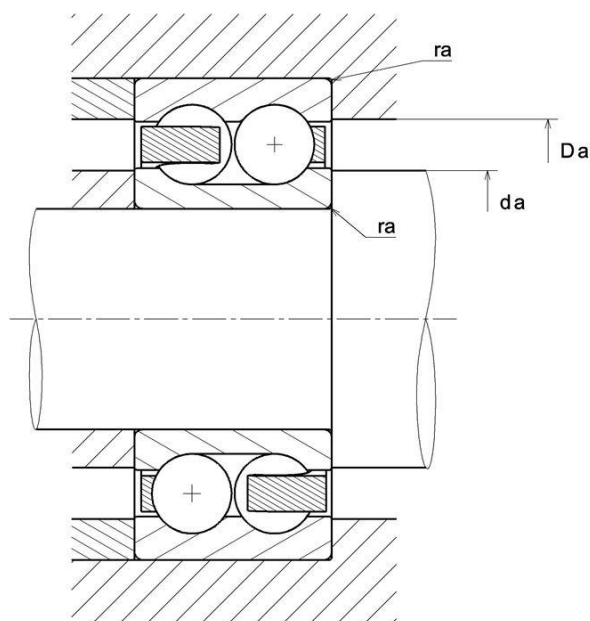
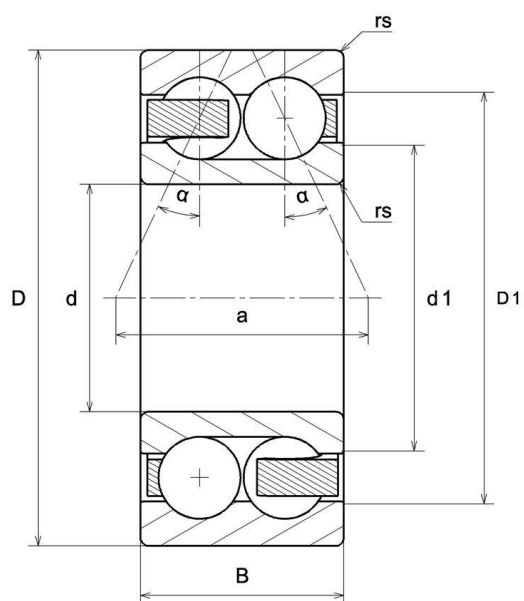
3212AC3

Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, open

VISUAL (S)



3212AC3

Double row angular contact ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	60 mm
D - External diameter	110 mm
B - Bearing/Inner ring width	36,5 mm
d1 - External diameter inner ring	75,8 mm
D1 - Inner diameter outer ring	94,4 mm
a - Charge load application point	55,1 mm
- Contact angle	25 °
rs - Min fillet radius	1,5 mm
Radial clearance class	C3
Precision class	P0
Mass	1,18 kg

PRODUCT PERFORMANCE

C - Dynamic load	68000000 mN
C0 - Static load	61500000 mN
Cu - Fatigue limit load	3700000 mN
f0 - Coefficient	14.9
N ref - Reference thermal speed	31200 °/s
N lim - Mechanical Limit Speed	34800 °/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)	4.196 Hz
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NTN Europe

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

3212AC3

Double row angular contact ball bearings

BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	5.804 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	5.49 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.745 Hz
FTF - Rotational frequency - cage (60 rpm)	0.42 Hz

ABUTMENT

da min - Min shoulder diameter IR	68 mm
Da max - Max shoulder diameter OR	102 mm
ra max - Max shaft & housing fillet radius	1,5 mm



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