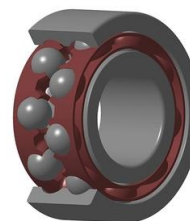


Technical data

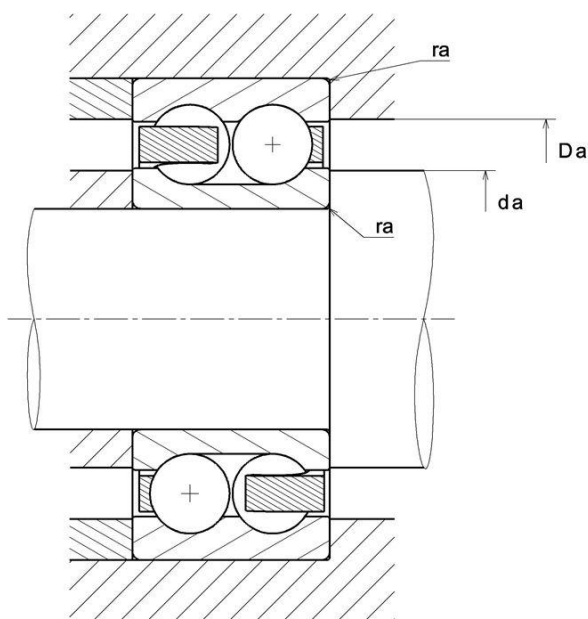
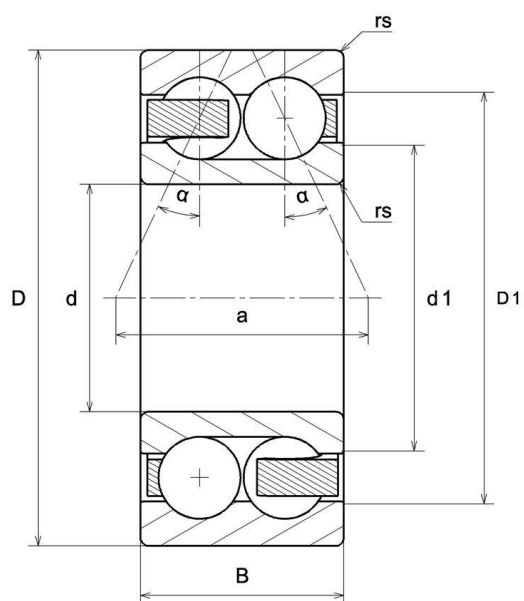
3211AC3

Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, open

VISUAL (S)



3211AC3

Double row angular contact ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	55 mm
D - External diameter	100 mm
B - Bearing/Inner ring width	33,3 mm
d1 - External diameter inner ring	68,7 mm
D1 - Inner diameter outer ring	85,3 mm
a - Charge load application point	49,9 mm
- Contact angle	25 °
rs - Min fillet radius	1,5 mm
Radial clearance class	C3
Precision class	P0
Mass	0,876 kg

PRODUCT PERFORMANCE

C - Dynamic load	55500000 mN
C0 - Static load	49400000 mN
Cu - Fatigue limit load	2950000 mN
f0 - Coefficient	15
N ref - Reference thermal speed	33000 °/s
N lim - Mechanical Limit Speed	38400 °/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)	4.206 Hz
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NTN Europe

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

3211AC3

Double row angular contact ball bearings

BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	5.794 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	5.562 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.781 Hz
FTF - Rotational frequency - cage (60 rpm)	0.421 Hz

ABUTMENT

da min - Min shoulder diameter IR	63 mm
Da max - Max shoulder diameter OR	92 mm
ra max - Max shaft & housing fillet radius	1,5 mm



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