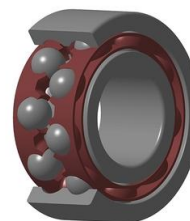


Technical data

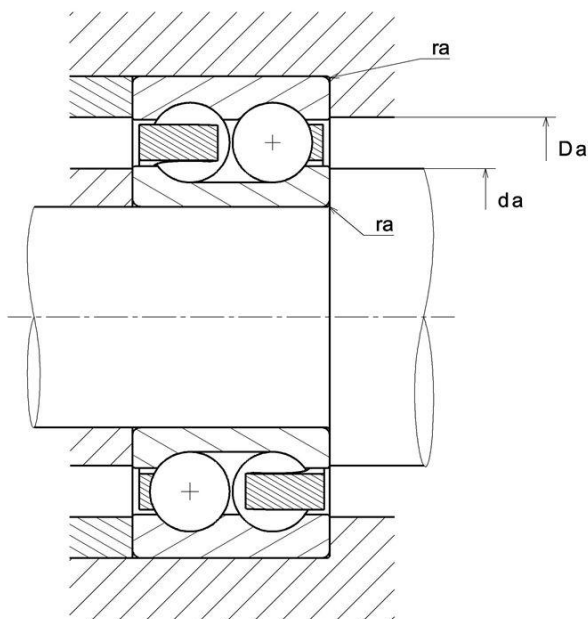
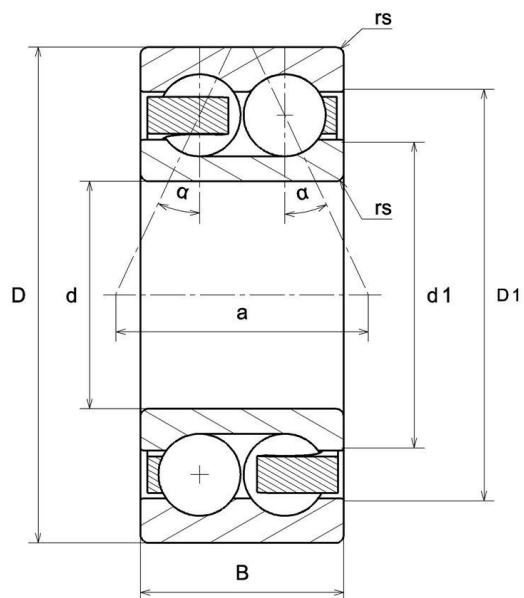
3311AC3

Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, open

VISUAL (S)



3311AC3

Double row angular contact ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	55 mm
D - External diameter	120 mm
B - Bearing/Inner ring width	49,2 mm
d1 - External diameter inner ring	75,2 mm
D1 - Inner diameter outer ring	98,4 mm
a - Charge load application point	61,2 mm
- Contact angle	25 °
rs - Min fillet radius	2 mm
Radial clearance class	C3
Precision class	P0
Mass	2,11 kg

PRODUCT PERFORMANCE

C - Dynamic load	98600000 mN
C0 - Static load	78800000 mN
Cu - Fatigue limit load	4900000 mN
f0 - Coefficient	13.8
N ref - Reference thermal speed	30000 °/s
N lim - Mechanical Limit Speed	33000 °/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)	3.173 Hz
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NTN Europe

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

3311AC3

Double row angular contact ball bearings

BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	4.827 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.197 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.099 Hz
FTF - Rotational frequency - cage (60 rpm)	0.397 Hz

ABUTMENT

da min - Min shoulder diameter IR	64 mm
Da max - Max shoulder diameter OR	111 mm
ra max - Max shaft & housing fillet radius	2 mm



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