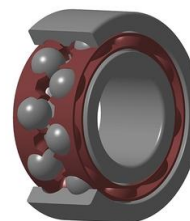


Technical data

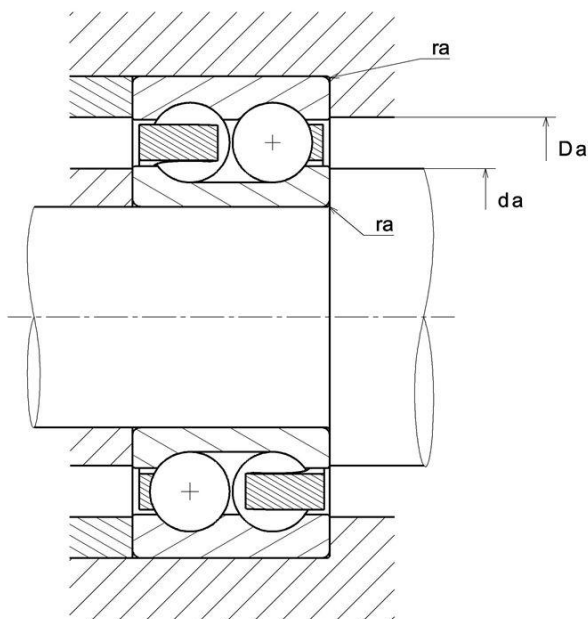
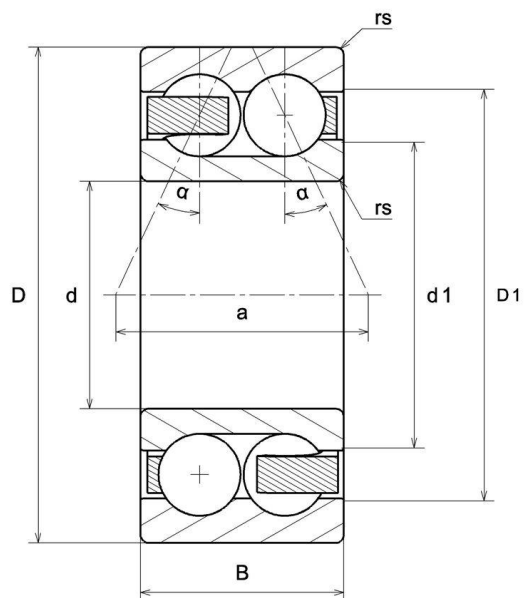
3213AC3

Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, open

VISUAL (S)



3213AC3

Double row angular contact ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	65 mm
D - External diameter	120 mm
B - Bearing/Inner ring width	38,1 mm
d1 - External diameter inner ring	84,5 mm
D1 - Inner diameter outer ring	103,5 mm
a - Charge load application point	59,8 mm
- Contact angle	25 °
rs - Min fillet radius	1,5 mm
Radial clearance class	C3
Precision class	P0
Mass	1,52 kg

PRODUCT PERFORMANCE

C - Dynamic load	75100000 mN
C0 - Static load	72700000 mN
Cu - Fatigue limit load	4350000 mN
f0 - Coefficient	15.2
N ref - Reference thermal speed	28800 °/s
N lim - Mechanical Limit Speed	31200 °/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)	4.678 Hz
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NTN Europe

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

3213AC3

Double row angular contact ball bearings

BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	6.322 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	5.929 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.965 Hz
FTF - Rotational frequency - cage (60 rpm)	0.425 Hz

ABUTMENT

da min - Min shoulder diameter IR	73 mm
Da max - Max shoulder diameter OR	112 mm
ra max - Max shaft & housing fillet radius	1,5 mm



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