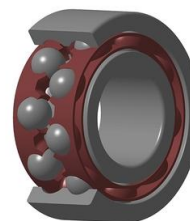


Technical data

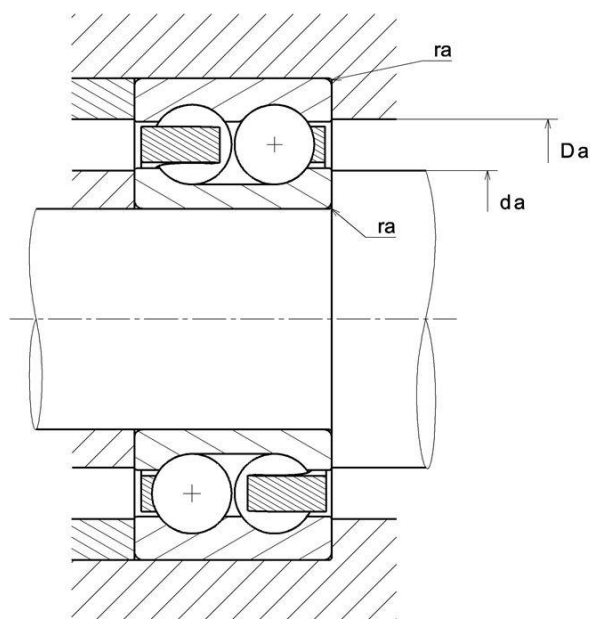
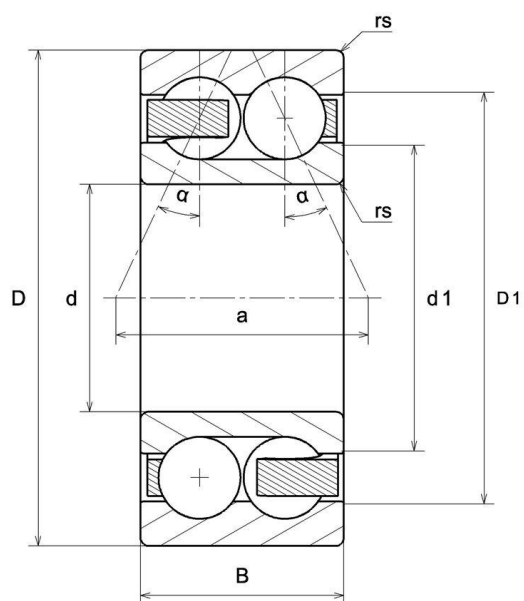
3203AC3

Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, open

VISUAL (S)



3203AC3

Double row angular contact ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	17 mm
D - External diameter	40 mm
B - Bearing/Inner ring width	17,5 mm
d1 - External diameter inner ring	24 mm
D1 - Inner diameter outer ring	33,1 mm
a - Charge load application point	20,4 mm
- Contact angle	25 °
rs - Min fillet radius	0,6 mm
Radial clearance class	C3
Precision class	P0
Mass	0,085 kg

PRODUCT PERFORMANCE

C - Dynamic load	14200000 mN
C0 - Static load	9000000 mN
Cu - Fatigue limit load	590000 mN
f0 - Coefficient	13.6
N ref - Reference thermal speed	78000 °/s
N lim - Mechanical Limit Speed	102000 °/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)	3.142 Hz
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NTN Europe

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S.A. au capital de 322 639 919 € · RCS ANNECY B 325 821 072 · Id. Fiscale : FR 48 325 821 072
SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

3203AC3

Double row angular contact ball bearings

BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	4.858 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.03 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.015 Hz
FTF - Rotational frequency - cage (60 rpm)	0.393 Hz

ABUTMENT

da min - Min shoulder diameter IR	21 mm
Da max - Max shoulder diameter OR	36 mm
ra max - Max shaft & housing fillet radius	0,6 mm



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