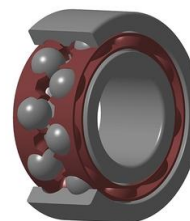


Technical data

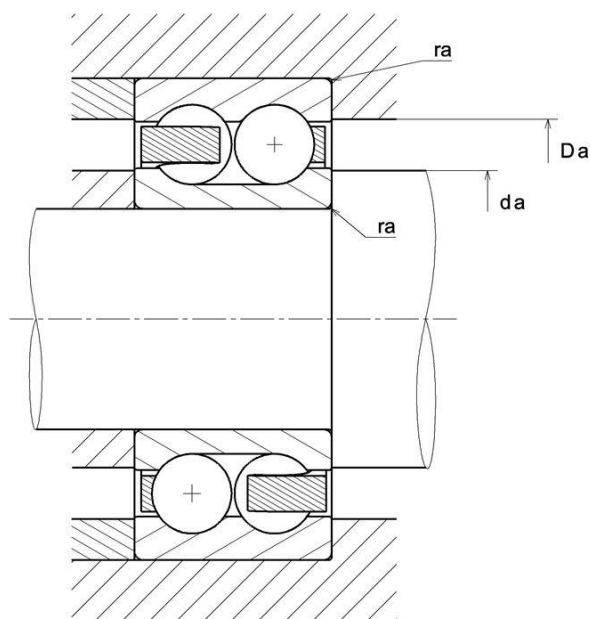
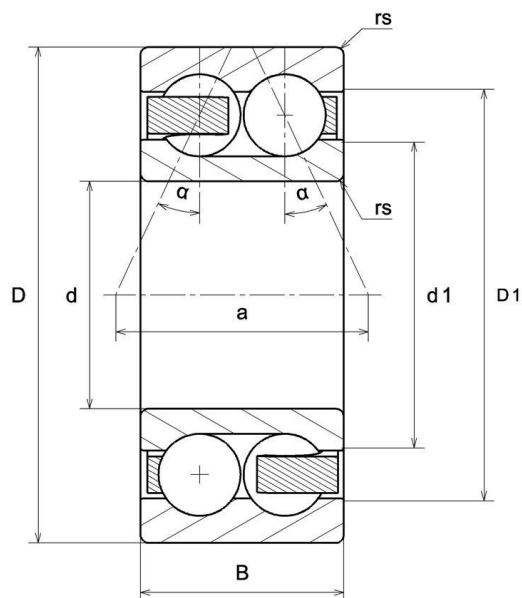
3200A

Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, open

VISUAL (S)



3200A

Double row angular contact ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	10 mm
D - External diameter	30 mm
B - Bearing/Inner ring width	14 mm
d1 - External diameter inner ring	17,9 mm
D1 - Inner diameter outer ring	23,9 mm
a - Charge load application point	15,1 mm
- Contact angle	25 °
rs - Min fillet radius	0,6 mm
Radial clearance class	CN
Precision class	P0
Mass	0,043 kg

PRODUCT PERFORMANCE

C - Dynamic load	7600000 mN
C0 - Static load	4550000 mN
Cu - Fatigue limit load	290000 mN
f0 - Coefficient	13.8
N ref - Reference thermal speed	102000 °/s
N lim - Mechanical Limit Speed	138000 °/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)	3.178 Hz
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NTN Europe

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

3200A

Double row angular contact ball bearings

BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	4.822 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.224 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.112 Hz
FTF - Rotational frequency - cage (60 rpm)	0.397 Hz

ABUTMENT

da min - Min shoulder diameter IR	14 mm
Da max - Max shoulder diameter OR	26 mm
ra max - Max shaft & housing fillet radius	0,6 mm



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