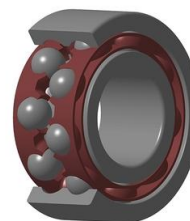


Technical data

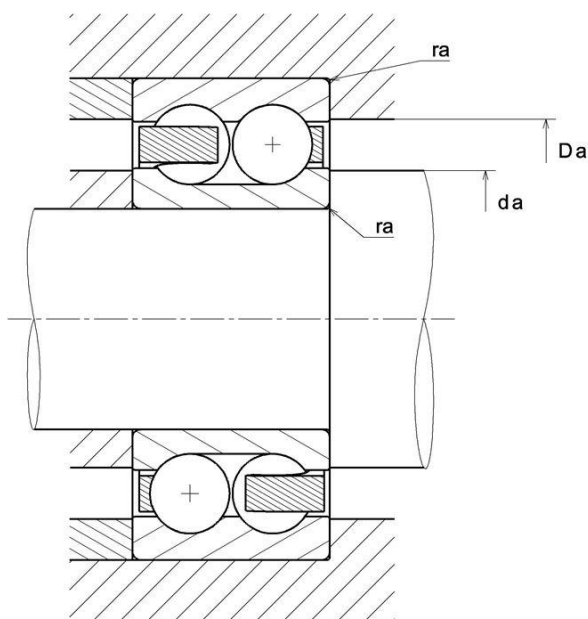
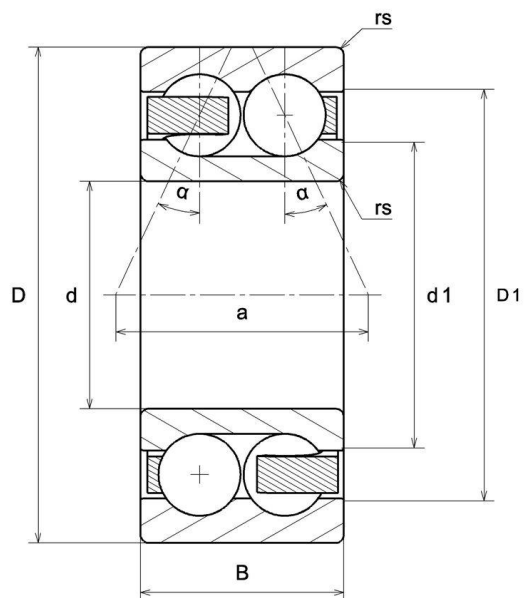
3201A

Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, open

VISUAL (S)



3201A

Double row angular contact ball bearings

PRODUCT DEFINITION	
Brand	SNR
d - Internal diameter	12 mm
D - External diameter	32 mm
B - Bearing/Inner ring width	15,9 mm
d1 - External diameter inner ring	18,3 mm
D1 - Inner diameter outer ring	25,8 mm
a - Charge load application point	16,6 mm
- Contact angle	25 °
rs - Min fillet radius	0,6 mm
Radial clearance class	CN
Precision class	P0
Mass	0,051 kg

PRODUCT PERFORMANCE	
C - Dynamic load	10400000 mN
C0 - Static load	5900000 mN
Cu - Fatigue limit load	380000 mN
f0 - Coefficient	12.8
N ref - Reference thermal speed	96000 °/s
N lim - Mechanical Limit Speed	132000 °/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)	2.635 Hz



NTN Europe

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

3201A

Double row angular contact ball bearings

BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	4.365 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	3.443 Hz
BRF - Rotational frequency - rolling element (60 rpm)	1.722 Hz
FTF - Rotational frequency - cage (60 rpm)	0.376 Hz

ABUTMENT

da min - Min shoulder diameter IR	16 mm
Da max - Max shoulder diameter OR	28 mm
ra max - Max shaft & housing fillet radius	0,6 mm



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