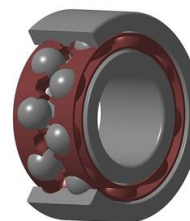


Technical data

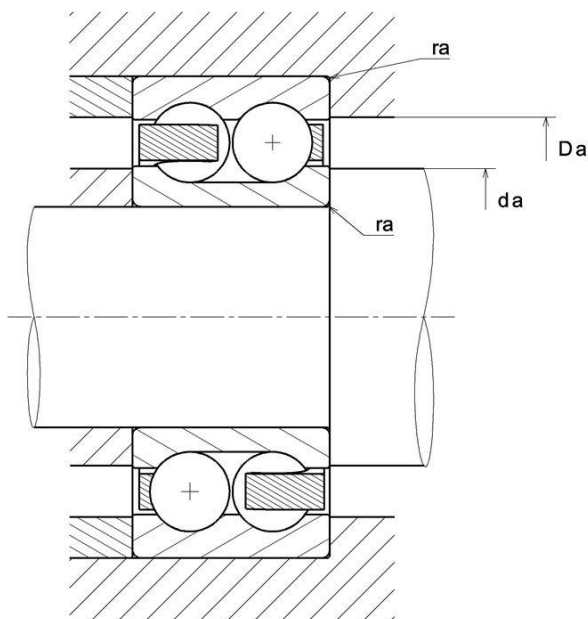
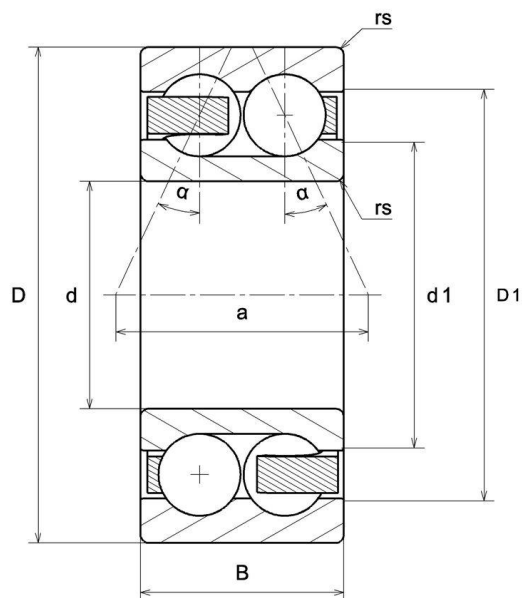
3210A

Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, open

VISUAL (S)



PRODUCT DEFINITION	
Brand	SNR
d - Internal diameter	50 mm
D - External diameter	90 mm
B - Bearing/Inner ring width	30,2 mm
d1 - External diameter inner ring	62 mm
D1 - Inner diameter outer ring	78,1 mm
a - Charge load application point	45,5 mm
- Contact angle	25 °
rs - Min fillet radius	1,1 mm
Radial clearance class	CN
Precision class	P0
Mass	0,76 kg

PRODUCT PERFORMANCE	
C - Dynamic load	48500000 mN
C0 - Static load	42200000 mN
Cu - Fatigue limit load	2550000 mN
f0 - Coefficient	14.9
N ref - Reference thermal speed	35400 °/s
N lim - Mechanical Limit Speed	42000 °/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)	4.191 Hz



NTN Europe

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

3210A

Double row angular contact ball bearings

BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	5.809 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	5.453 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.727 Hz
FTF - Rotational frequency - cage (60 rpm)	0.419 Hz

ABUTMENT

da min - Min shoulder diameter IR	56,5 mm
Da max - Max shoulder diameter OR	83,5 mm
ra max - Max shaft & housing fillet radius	1 mm



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