



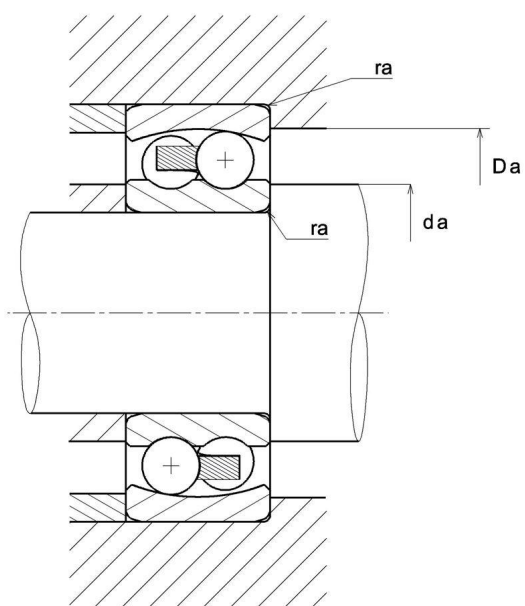
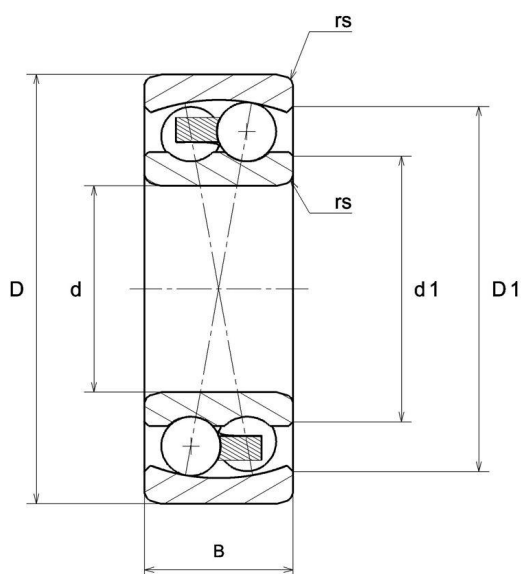
Technical data

2201G15

Double-row self-aligning ball bearings

Self-aligning ball bearing, polyamide cage, open

VISUAL (S)



2201G15

Double-row self-aligning ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	12 mm
D - External diameter	32 mm
B - Bearing/Inner ring width	14 mm
d1 - External diameter inner ring	17,1 mm
D1 - Inner diameter outer ring	25,9 mm
rs - Min fillet radius	0,6 mm
Radial clearance class	CN
Precision class	P0
Mass	0,055 kg

PRODUCT PERFORMANCE

C - Dynamic load	8900000 mN
C0 - Static load	1940000 mN
Cu - Fatigue limit load	90000 mN
e - Coefficient	0.53
Y0 - Static axial load coefficient	1.25
Y1 - Lower axial load coefficient	1.2
Y2 - Upper axial load coefficient	1.85
N ref - Reference thermal speed	132000 °/s
N lim - Mechanical Limit Speed	180000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K



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
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BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	2.879 Hz
BPFI - Over rolling frequency on inner (60 rpm)	5.121 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	3.101 Hz
BRF - Rotational frequency - rolling element (60 rpm)	1.551 Hz
FTF - Rotational frequency - cage (60 rpm)	0.36 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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