



Brand of NTN corporation

Technical data

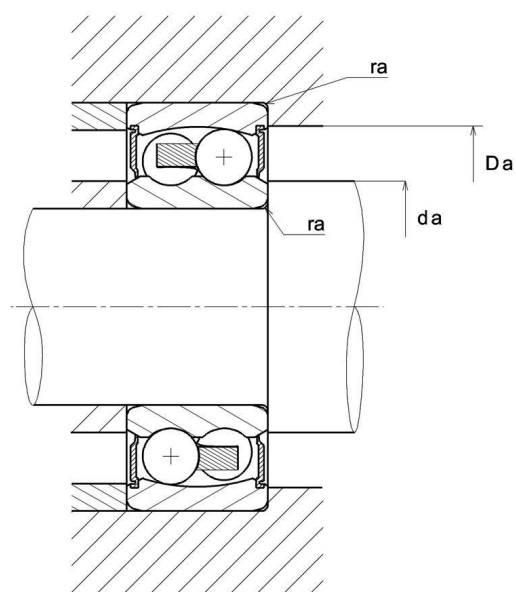
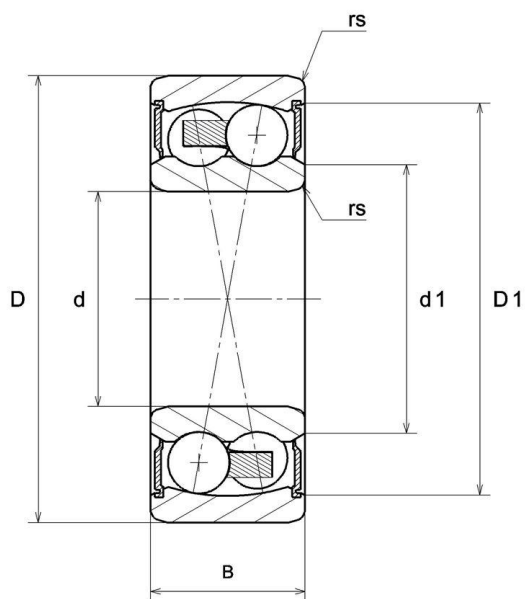
2310EEG15

Double-row self-aligning ball bearings



Self-aligning ball bearing, polyamide cage, friction seals on both sides

VISUAL (S)



NTN Europe

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00
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

PRODUCT DEFINITION	
Brand	SNR
d - Internal diameter	50 mm
D - External diameter	110 mm
B - Bearing/Inner ring width	40 mm
d1 - External diameter inner ring	65,5 mm
D1 - Inner diameter outer ring	95,7 mm
rs - Min fillet radius	2 mm
Radial clearance class	CN
Precision class	P0
Mass	1,78 kg

PRODUCT PERFORMANCE	
C - Dynamic load	41600000 mN
C0 - Static load	14200000 mN
Cu - Fatigue limit load	650000 mN
e - Coefficient	0.24
Y0 - Static axial load coefficient	2.73
Y1 - Lower axial load coefficient	2.6
Y2 - Upper axial load coefficient	4.03
N lim - Mechanical Limit Speed	22200 °/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)	6.26 Hz



2310EEG15

Double-row self-aligning ball bearings

BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	8.74 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	5.807 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.904 Hz
FTF - Rotational frequency - cage (60 rpm)	0.417 Hz

ABUTMENT

da min - Min shoulder diameter IR	59 mm
Da max - Max shoulder diameter OR	101 mm
ra max - Max shaft & housing fillet radius	2 mm



NTN Europe

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00
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