

Technical data

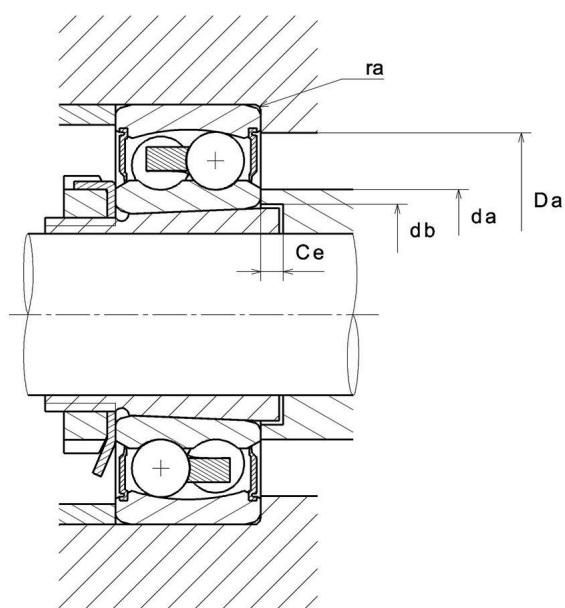
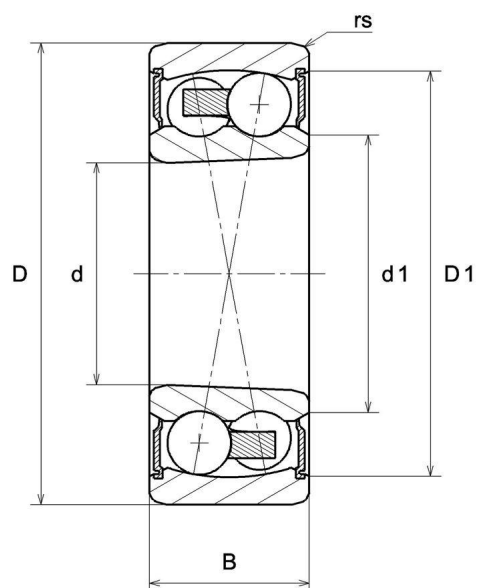
2210KEEG15

Double-row self-aligning ball bearings



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

VISUAL (S)



2210KEEG15

Double-row self-aligning ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	50 mm
D - External diameter	90 mm
B - Bearing/Inner ring width	23 mm
d1 - External diameter inner ring	60,5 mm
D1 - Inner diameter outer ring	79,8 mm
rs - Min fillet radius	1,1 mm
Associated sleeve reference	H310
Radial clearance class	CN
Precision class	P0
Mass	0,59 kg

PRODUCT PERFORMANCE

C - Dynamic load	22700000 mN
C0 - Static load	8100000 mN
Cu - Fatigue limit load	370000 mN
e - Coefficient	0.2
Y0 - Static axial load coefficient	3.32
Y1 - Lower axial load coefficient	3.17
Y2 - Upper axial load coefficient	4.9
N lim - Mechanical Limit Speed	24000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K



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

2210KEEG15

Double-row self-aligning ball bearings

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	7.776 Hz
BPFI - Over rolling frequency on inner (60 rpm)	10.224 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	7.152 Hz
BRF - Rotational frequency - rolling element (60 rpm)	3.576 Hz
FTF - Rotational frequency - cage (60 rpm)	0.432 Hz

ABUTMENT

da min - Min shoulder diameter IR	56,5 mm
da max - Max shoulder diameter IR	59 mm
db - Min diameter for Sleeve	55 mm
Ce - Min length fro Sleeve	10 mm
Da max - Max shoulder diameter OR	83,5 mm
ra max - Max shaft & housing fillet radius	1 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