

Technical data

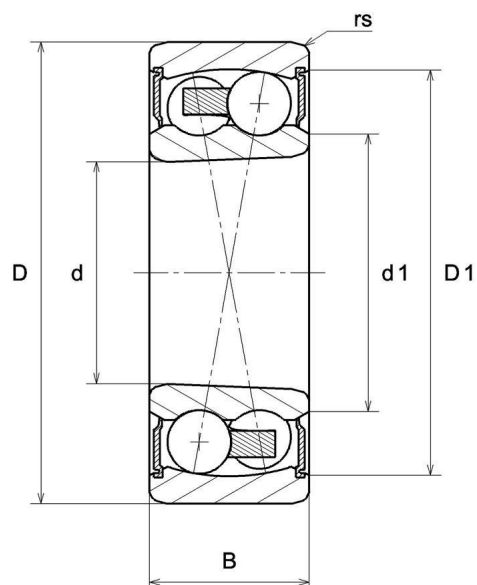
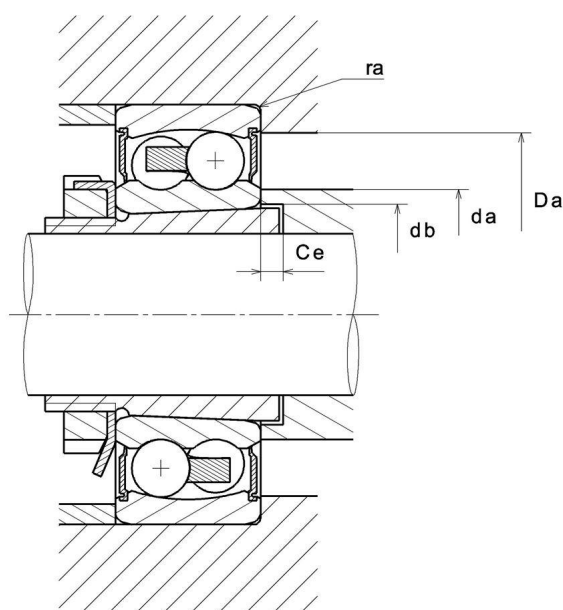
2211KEEG15

Double-row self-aligning ball bearings



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

VISUAL (S)



2211KEEG15

Double-row self-aligning ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	55 mm
D - External diameter	100 mm
B - Bearing/Inner ring width	25 mm
d1 - External diameter inner ring	67,3 mm
D1 - Inner diameter outer ring	88,8 mm
rs - Min fillet radius	1,5 mm
Associated sleeve reference	H311
Radial clearance class	CN
Precision class	P0
Mass	0,855 kg

PRODUCT PERFORMANCE

C - Dynamic load	26800000 mN
C0 - Static load	10000000 mN
Cu - Fatigue limit load	450000 mN
e - Coefficient	0.19
Y0 - Static axial load coefficient	3.47
Y1 - Lower axial load coefficient	3.31
Y2 - Upper axial load coefficient	5.12
N lim - Mechanical Limit Speed	21600 °/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
SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

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BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	8.249 Hz
BPFI - Over rolling frequency on inner (60 rpm)	10.751 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	7.401 Hz
BRF - Rotational frequency - rolling element (60 rpm)	3.701 Hz
FTF - Rotational frequency - cage (60 rpm)	0.434 Hz

ABUTMENT

da min - Min shoulder diameter IR	63 mm
da max - Max shoulder diameter IR	65 mm
db - Min diameter for Sleeve	60 mm
Ce - Min length fro Sleeve	10 mm
Da max - Max shoulder diameter OR	92 mm
ra max - Max shaft & housing fillet radius	1,5 mm



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