



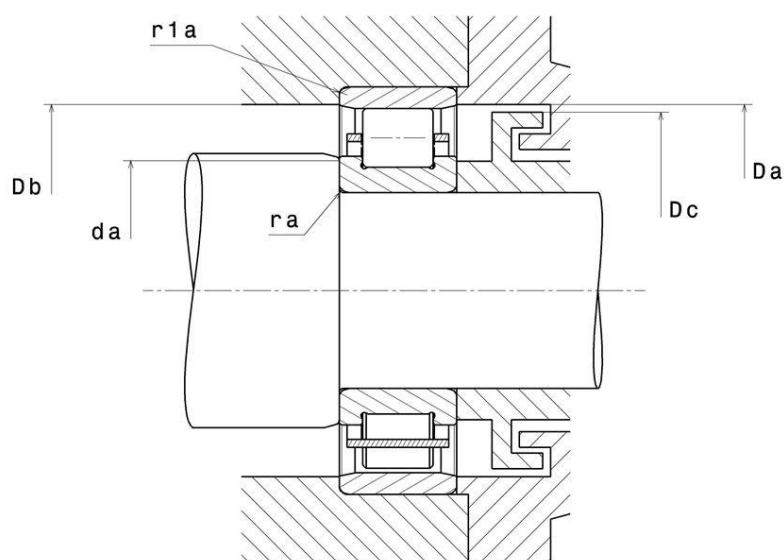
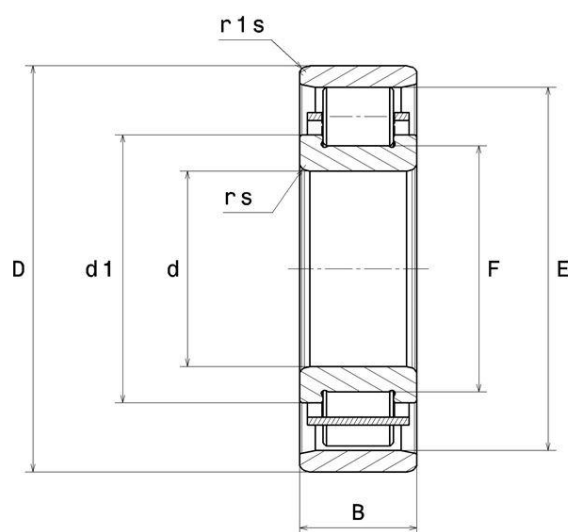
Technical data

N211

Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, pressed steel cage

VISUAL (S)



N211

Single row cylindrical roller bearings

PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	55 mm
D - External diameter	100 mm
B - Bearing/Inner ring width	21 mm
E - Upper roller diameter	88,5 mm
F - Under roller diameter	66,5 mm
d1 - IR flange outer diameter	70,8 mm
rs - Min fillet radius	1,5 mm
r1s - Min fillet radius	1,1 mm
Radial clearance class	CN
Mass	0,626 kg

PRODUCT PERFORMANCE

C - Dynamic load	64500000 mN
C0 - Static load	62500000 mN
Cu - Fatigue limit load	7600000 mN
N lim - Oil lubrication limit speed	49200 °/s
N lim - Grease lubrication limit speed	41400 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	63 mm
Da max - Max shoulder diameter OR	93,5 mm
Db min - Small face shoulder min diameter	90 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

N211

Single row cylindrical roller bearings

ABUTMENT	
Dc max - Max outer ring GO diameter	87 mm
ra max - Max fillet radius	1,5 mm
r1a - Max fillet radius	1 mm

INDUSTRY CALCUL FACTORS
Equivalent dynamic radial load $P = Fr$
Equivalent static radial load $P_0 = Fr$

