



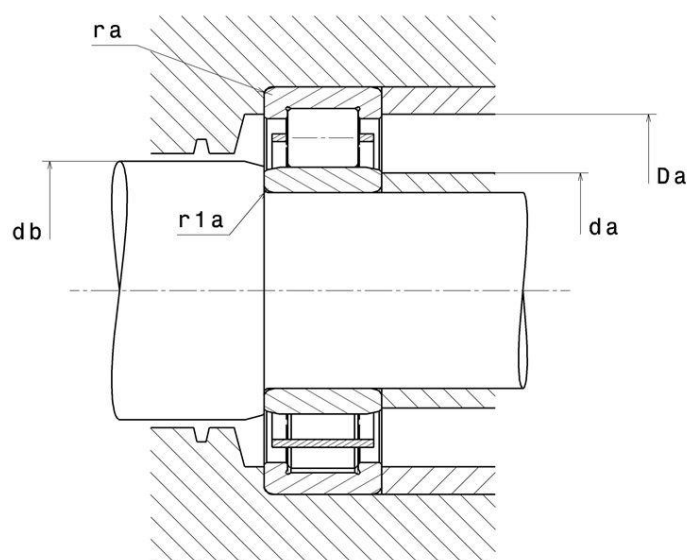
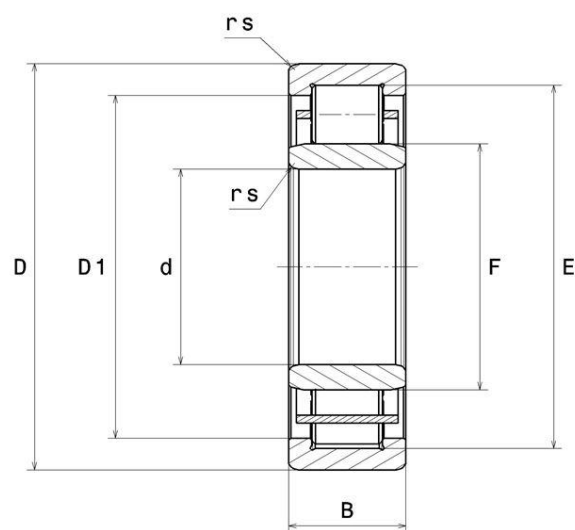
Technical data

NU221

Single row cylindrical roller bearings

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

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	105 mm
D - External diameter	190 mm
B - Bearing/Inner ring width	36 mm
E - Upper roller diameter	168,8 mm
F - Under roller diameter	126,8 mm
rs - Min fillet radius	2,1 mm
r1s - Min fillet radius	2,1 mm
Radial clearance class	CN
Mass	3,95 kg

PRODUCT PERFORMANCE

C - Dynamic load	223000000 mN
C0 - Static load	241000000 mN
Cu - Fatigue limit load	26100000 mN
N lim - Oil lubrication limit speed	25800 °/s
N lim - Grease lubrication limit speed	21600 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	116 mm
da max - Small face shoulder max diameter	124 mm
db min - Min inner ring GO diameter	129 mm
Da max - Max shoulder diameter OR	179 mm



ABUTMENT

ra max - Max fillet radius	2 mm
r1a - Max fillet radius	2 mm

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$



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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