



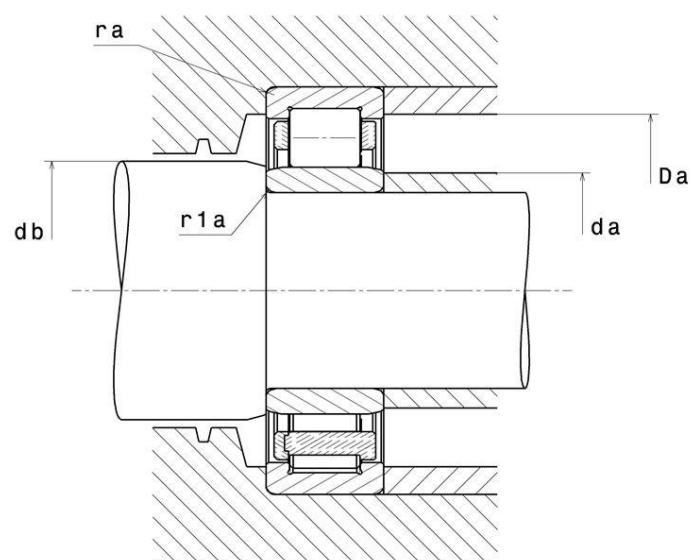
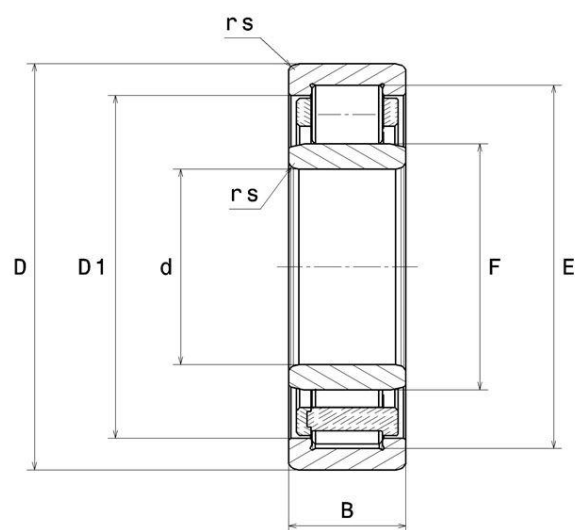
Technical data

NU1024

Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, brass cage

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	120 mm
D - External diameter	180 mm
B - Bearing/Inner ring width	28 mm
E - Upper roller diameter	165 mm
F - Under roller diameter	135 mm
rs - Min fillet radius	2 mm
r1s - Min fillet radius	1,1 mm
Radial clearance class	CN
Mass	2,44 kg

PRODUCT PERFORMANCE

C - Dynamic load	154000000 mN
C0 - Static load	191000000 mN
Cu - Fatigue limit load	20600000 mN
N lim - Oil lubrication limit speed	26400 °/s
N lim - Grease lubrication limit speed	22800 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	126,5 mm
da max - Small face shoulder max diameter	134 mm
db min - Min inner ring GO diameter	138 mm
Da max - Max shoulder diameter OR	171 mm



ABUTMENT

ra max - Max fillet radius	2 mm
r1a - Max fillet radius	1 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