



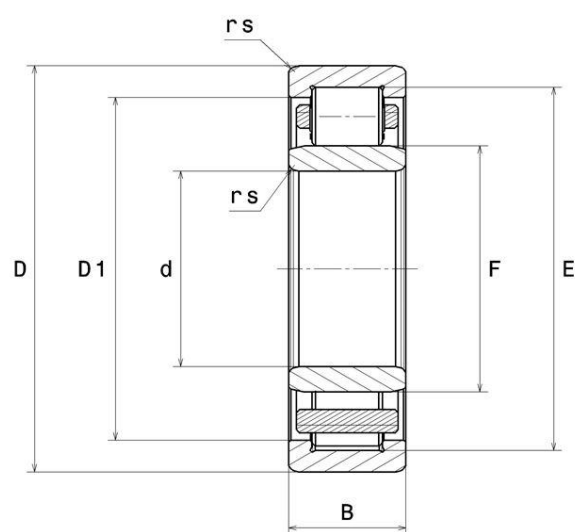
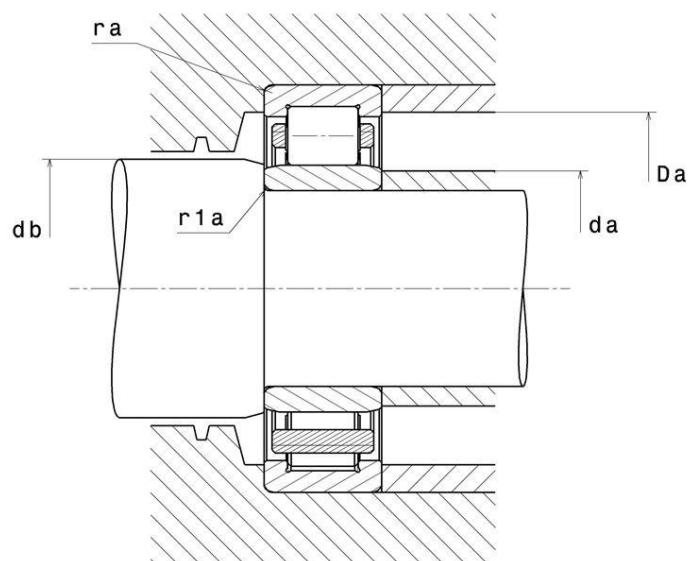
Technical data

NU316ET2XC3

Single row cylindrical roller bearings

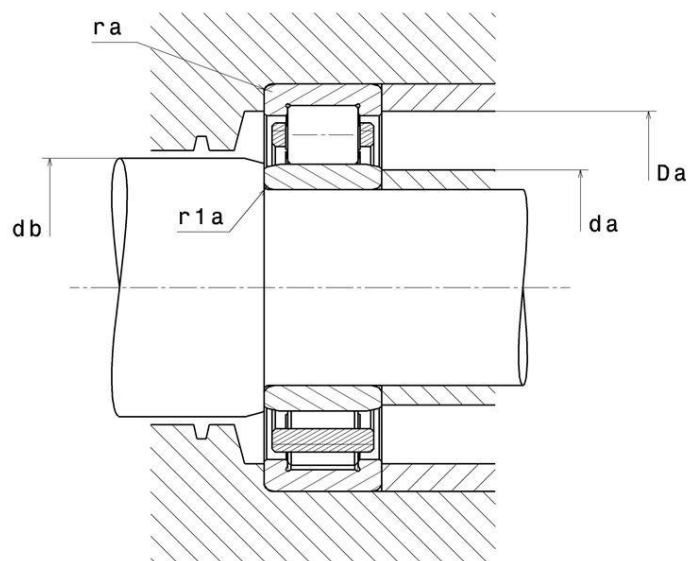
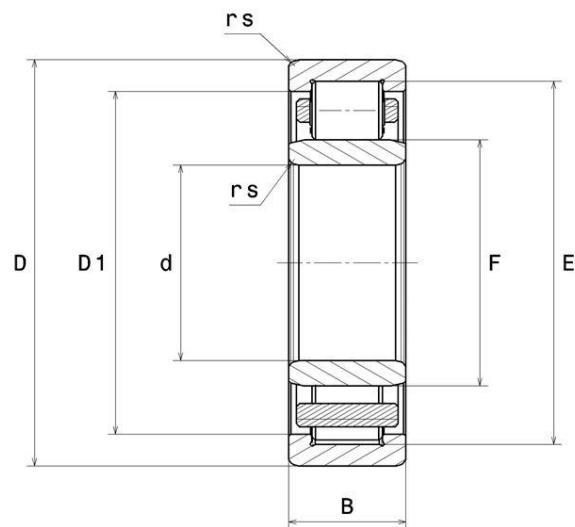
Single row cylindrical roller bearing, floating, separable, polyamide cage

VISUAL (S)



NU316ET2XC3

Single row cylindrical roller bearings



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

NU316ET2XC3

Single row cylindrical roller bearings



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	80 mm
D - External diameter	170 mm
B - Bearing/Inner ring width	39 mm
E - Upper roller diameter	151 mm
F - Under roller diameter	101 mm
rs - Min fillet radius	2,1 mm
r1s - Min fillet radius	2,1 mm
Radial clearance class	C3
Mass	3,99 kg

PRODUCT PERFORMANCE

C - Dynamic load	284000000 mN
C0 - Static load	282000000 mN

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Single row cylindrical roller bearings

PRODUCT PERFORMANCE

Cu - Fatigue limit load	32000000 mN
N lim - Oil lubrication limit speed	26400 °/s
N lim - Grease lubrication limit speed	22200 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	91 mm
da max - Small face shoulder max diameter	99 mm
db min - Min inner ring GO diameter	105 mm
Da max - Max shoulder diameter OR	159 mm
ra max - Max fillet radius	2 mm
r1a - Max fillet radius	2 mm



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INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$



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