



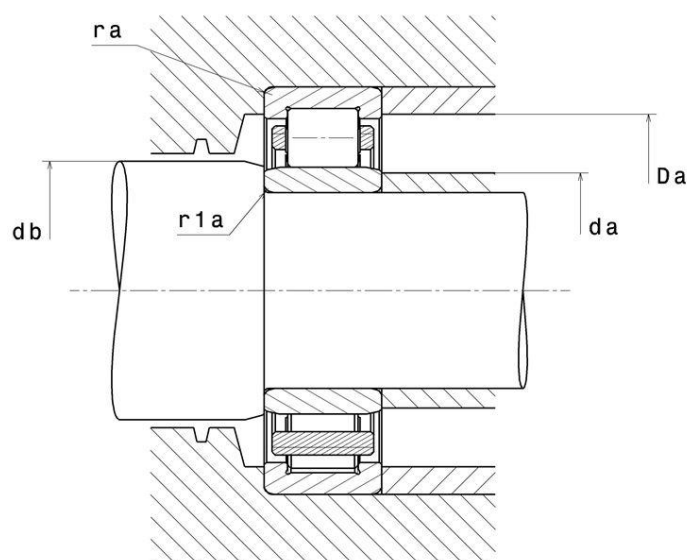
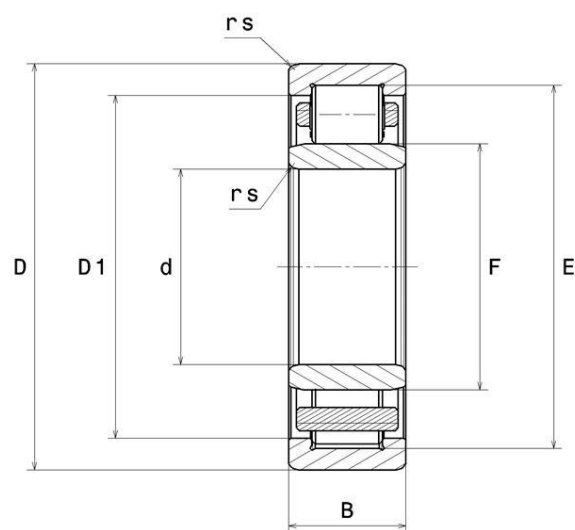
Technical data

NU311ET2X

Single row cylindrical roller bearings

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

VISUAL (S)



NU311ET2X

Single row cylindrical roller bearings

PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	55 mm
D - External diameter	120 mm
B - Bearing/Inner ring width	29 mm
E - Upper roller diameter	106,5 mm
F - Under roller diameter	70,5 mm
rs - Min fillet radius	2 mm
r1s - Min fillet radius	2 mm
Radial clearance class	CN
Mass	0,996 kg

PRODUCT PERFORMANCE

C - Dynamic load	137000000 mN
C0 - Static load	143000000 mN
Cu - Fatigue limit load	17400000 mN
N lim - Oil lubrication limit speed	37800 °/s
N lim - Grease lubrication limit speed	31800 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	64 mm
da max - Small face shoulder max diameter	69 mm
db min - Min inner ring GO diameter	72 mm
Da max - Max shoulder diameter OR	111 mm



NTN Europe

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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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