



Technical data

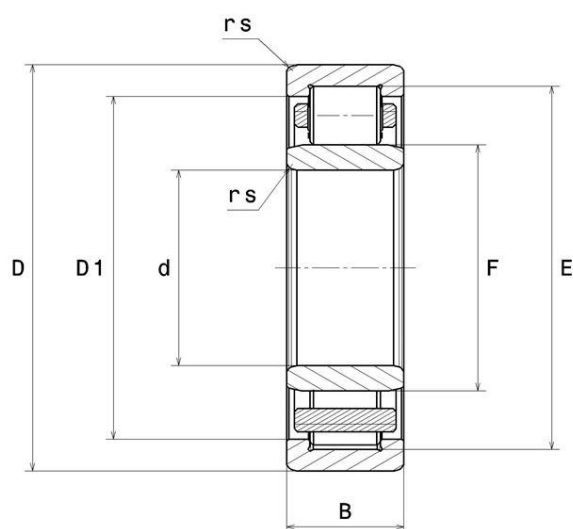
NU307EAT2XC3

Single row cylindrical roller bearings

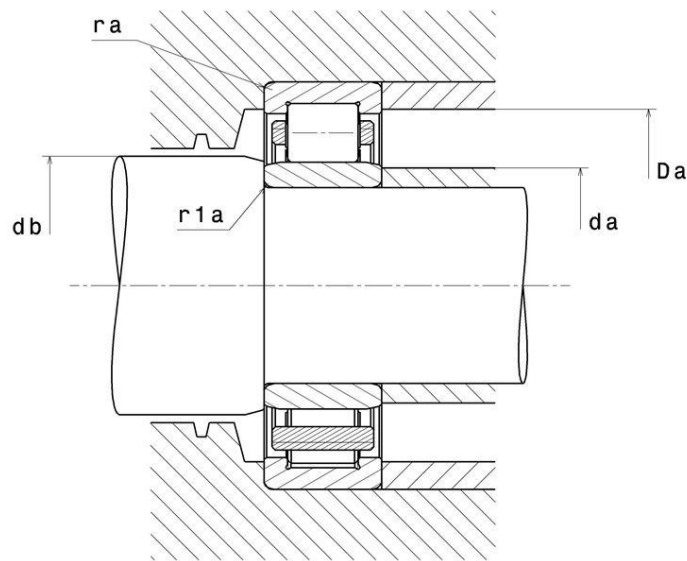
Single row cylindrical roller bearing, floating, separable, polyamide cage

ULTAGE®

VISUAL (S)



NU307EAT2XC3
Single row cylindrical roller bearings



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	35 mm
D - External diameter	80 mm
B - Bearing/Inner ring width	21 mm
E - Upper roller diameter	70,2 mm
F - Under roller diameter	46,2 mm
rs - Min fillet radius	1,5 mm
r1s - Min fillet radius	1,1 mm
Radial clearance class	C3
Mass	0,483 kg

PRODUCT PERFORMANCE	
C - Dynamic load	83500000 mN
C0 - Static load	71000000 mN



NU307EAT2XC3

Single row cylindrical roller bearings

PRODUCT PERFORMANCE

Cu - Fatigue limit load	8650000 mN
N lim - Oil lubrication limit speed	69000 °/s
N lim - Grease lubrication limit speed	48600 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	41,5 mm
da max - Small face shoulder max diameter	45 mm
db min - Min inner ring GO diameter	48 mm
Da max - Max shoulder diameter OR	72 mm
ra max - Max fillet radius	1,5 mm
r1a - Max fillet radius	1 mm



NTN Europe

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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

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$Po = Fr$$



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