



Technical data

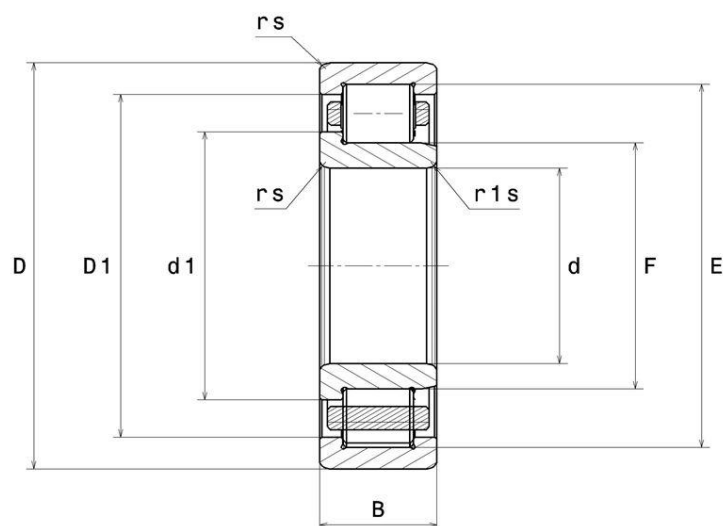
NJ211EAT2XC3

Single row cylindrical roller bearings

Single row cylindrical roller bearing, single direction for axial loads, separable, polyamide cage.

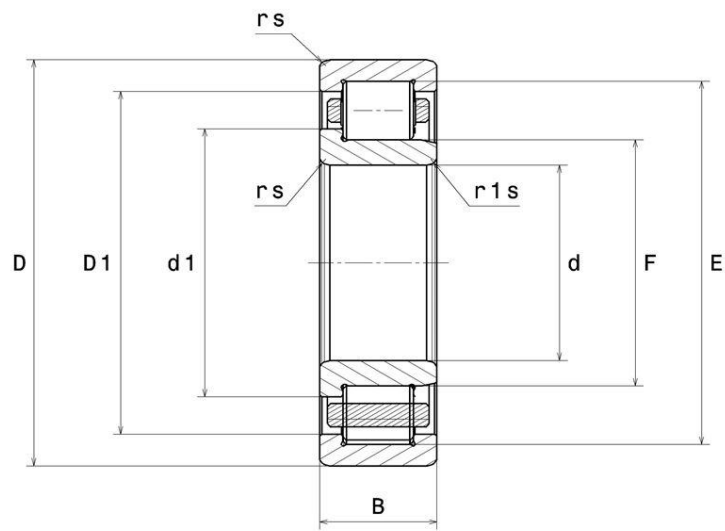
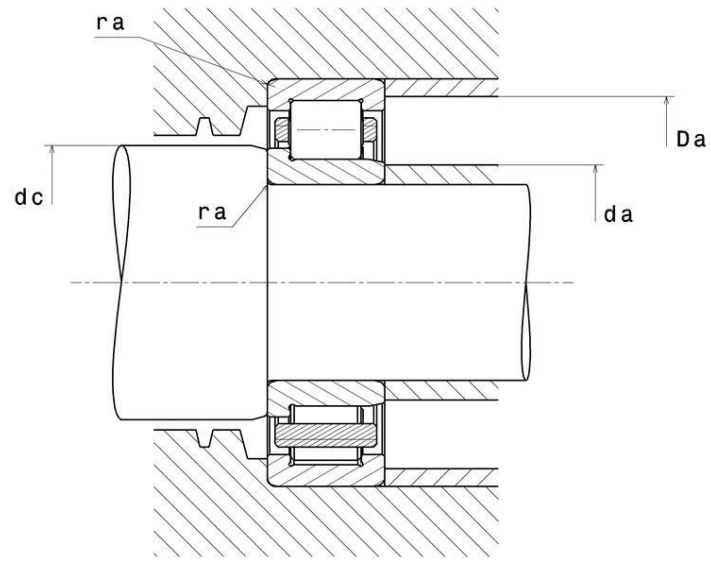
ULTAGE®

VISUAL (S)



NJ211EAT2XC3

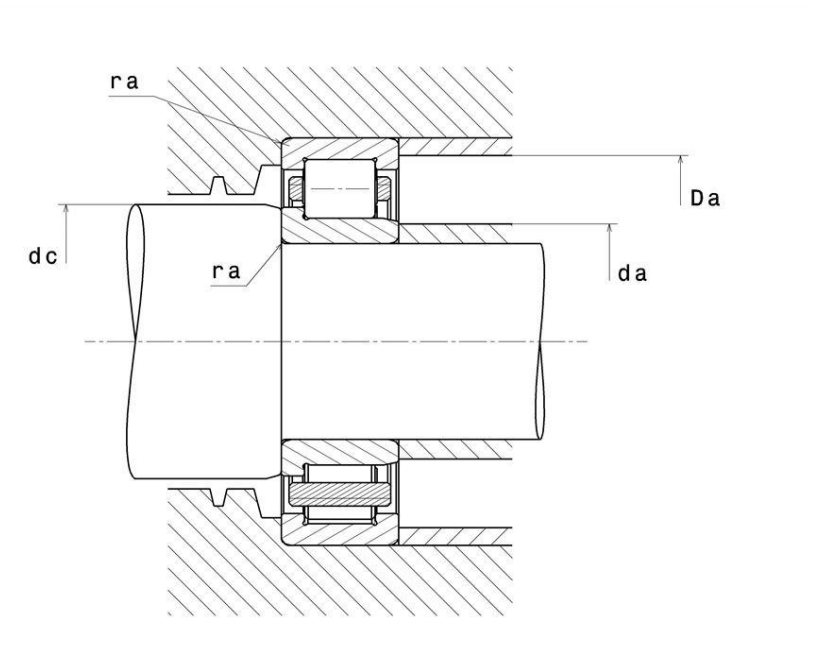
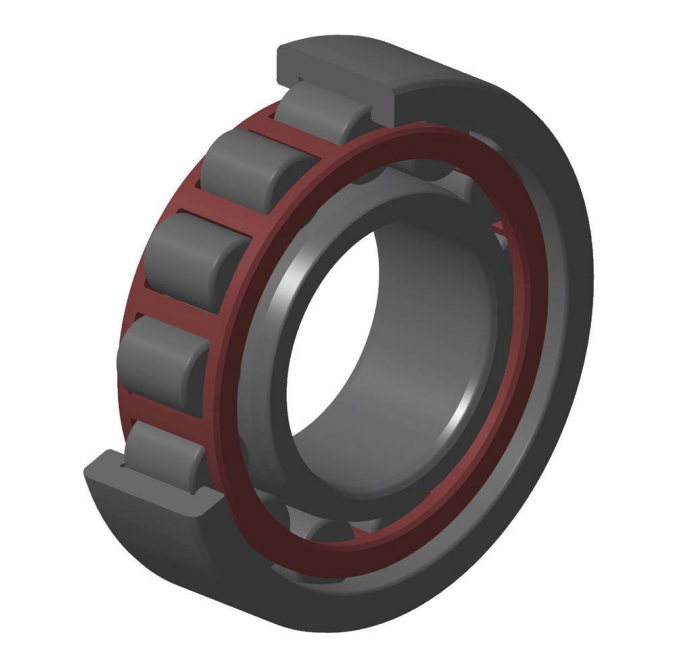
Single row cylindrical roller bearings



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

NJ211EAT2XC3
Single row cylindrical roller bearings



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	55 mm
D - External diameter	100 mm
B - Bearing/Inner ring width	21 mm



PRODUCT DEFINITION

E - Upper roller diameter	90 mm
F - Under roller diameter	66 mm
d1 - IR flange outer diameter	70,8 mm
rNs - Min fillet radius	1,1 mm
rs - Min fillet radius	1,5 mm
Radial clearance class	C3

PRODUCT PERFORMANCE

C - Dynamic load	102000000 mN
C0 - Static load	98500000 mN
Cu - Fatigue limit load	12000000 mN
N lim - Oil lubrication limit speed	53400 °/s
N lim - Grease lubrication limit speed	37800 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	61,5 mm
dc min - Min inner ring GO diameter	68 mm
Da max - Max shoulder diameter OR	92 mm
Db min - Small face shoulder min diameter	91 mm
ra max - Max fillet radius	1,5 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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