



Technical data

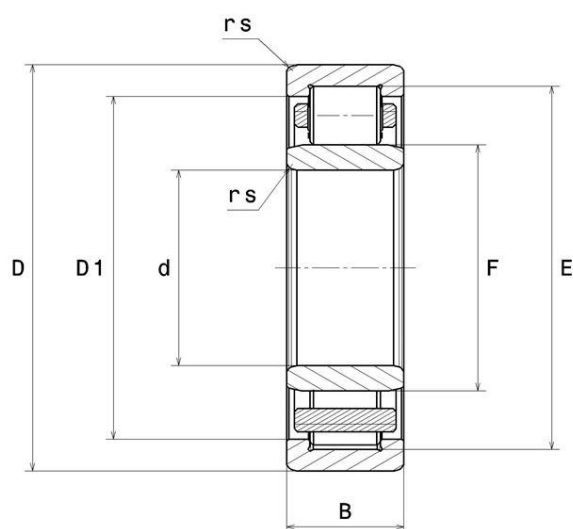
NU204EAT2XC3

Single row cylindrical roller bearings

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

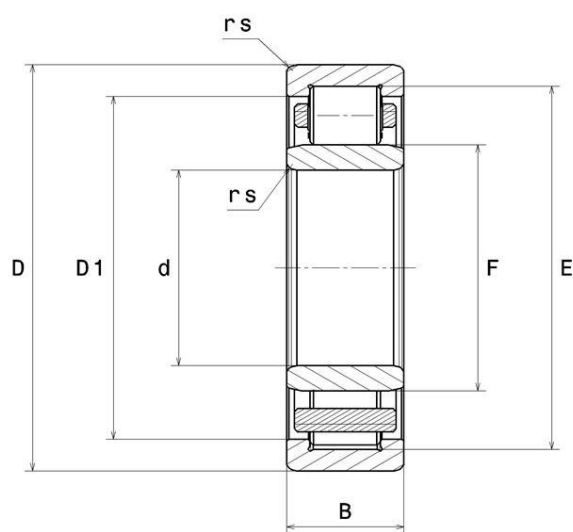
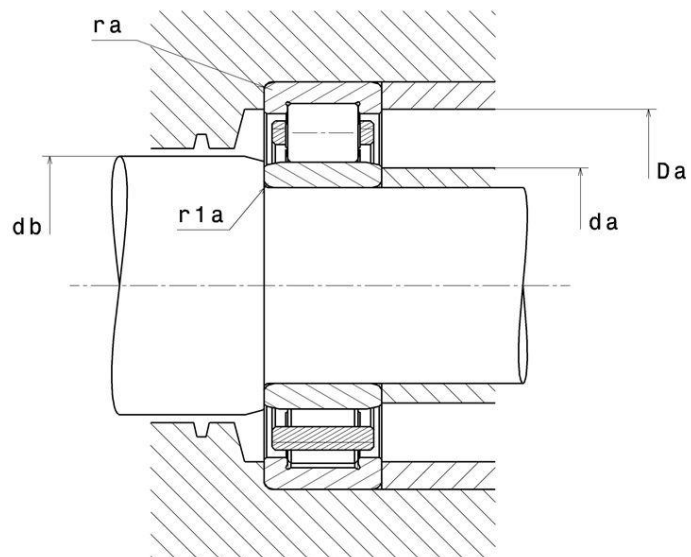
ULTAGE®

VISUAL (S)



NU204EAT2XC3

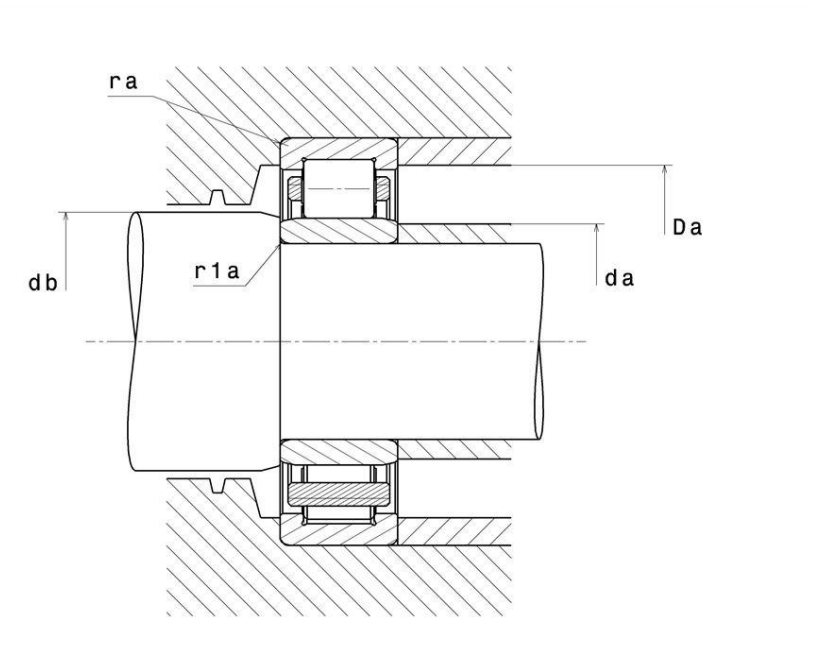
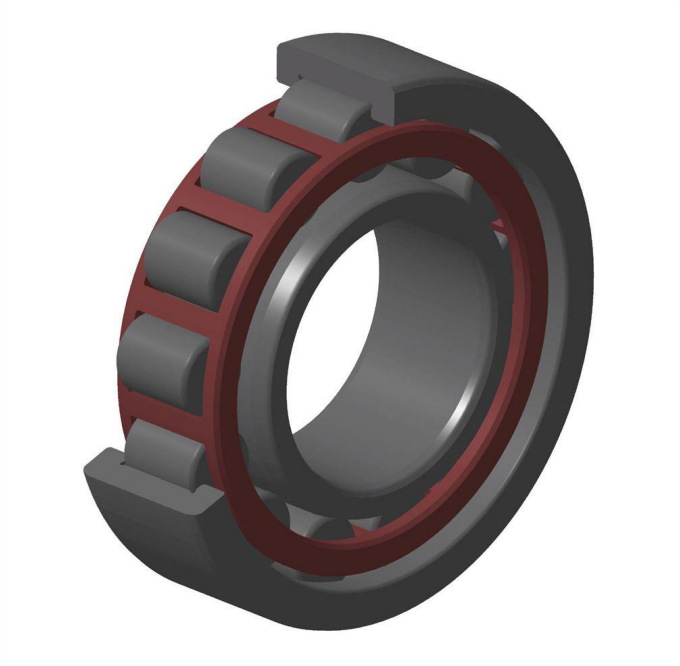
Single row cylindrical roller bearings



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

NU204EAT2XC3
 Single row cylindrical roller bearings



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	20 mm
D - External diameter	47 mm
B - Bearing/Inner ring width	14 mm

NU204EAT2XC3

Single row cylindrical roller bearings

PRODUCT DEFINITION

E - Upper roller diameter	41,5 mm
F - Under roller diameter	26,5 mm
d1 - IR flange outer diameter	29,5 mm
rNs - Min fillet radius	0,6 mm
rs - Min fillet radius	1 mm
Radial clearance class	C3
Mass	0,115 kg

PRODUCT PERFORMANCE

C - Dynamic load	32500000 mN
C0 - Static load	24700000 mN
Cu - Fatigue limit load	3000000 mN
N lim - Oil lubrication limit speed	129600 °/s
N lim - Grease lubrication limit speed	90000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	24 mm
db min - Min inner ring GO diameter	29 mm
Da max - Max shoulder diameter OR	42 mm
Db min - Small face shoulder min diameter	42,5 mm
ra max - Max fillet radius	1 mm
r1a - Max fillet radius	0,6 mm



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

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$



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