



Technical data

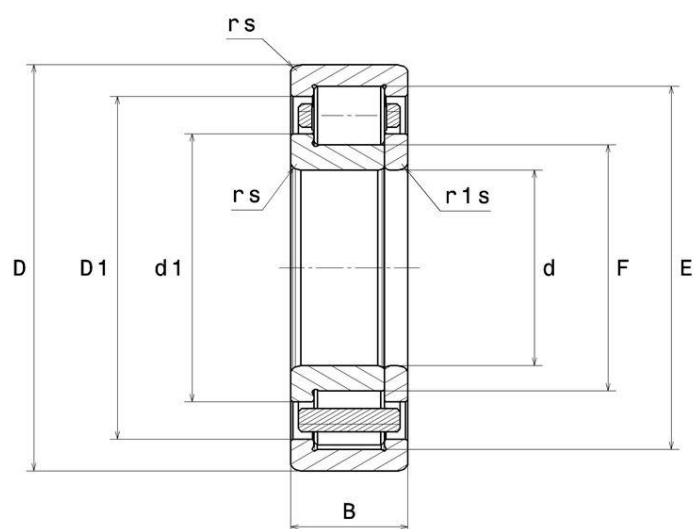
NUP304EAT2XU

Single row cylindrical roller bearings

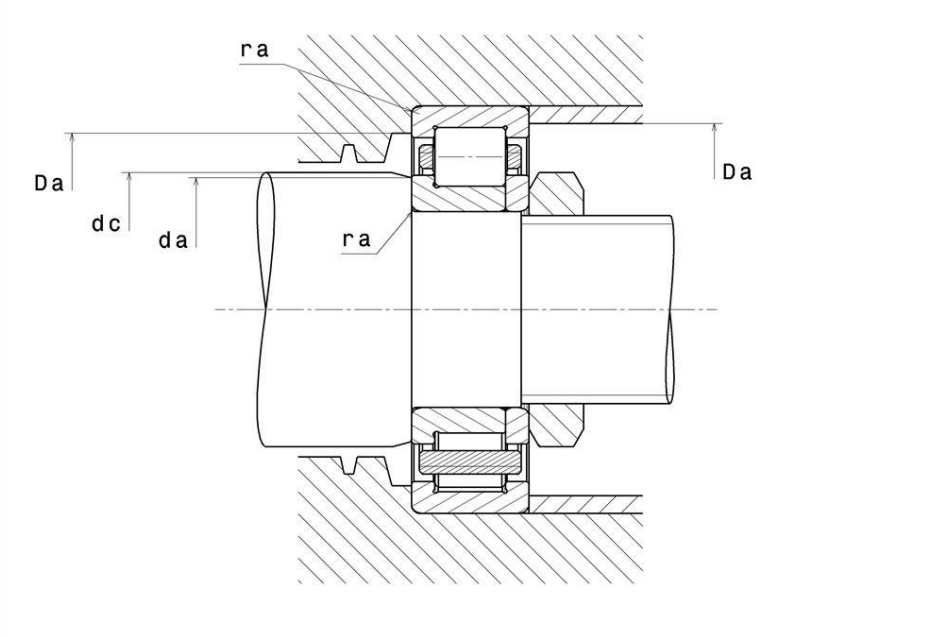
Single row cylindrical roller bearing, locating, separable, polyamide cage

ULTAGE®

VISUAL (S)



NUP304EAT2XU
Single row cylindrical roller bearings



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	20 mm
D - External diameter	52 mm
B - Bearing/Inner ring width	15 mm
E - Upper roller diameter	45,5 mm
F - Under roller diameter	27,5 mm
rNs - Min fillet radius	0,6 mm
rs - Min fillet radius	1,1 mm
r1s - Min fillet radius	0,6 mm
Radial clearance class	CN
Mass	0,176 kg

PRODUCT PERFORMANCE	
C - Dynamic load	37500000 mN

PRODUCT PERFORMANCE

C0 - Static load	26900000 mN
Cu - Fatigue limit load	3250000 mN
N lim - Oil lubrication limit speed	108000 °/s
N lim - Grease lubrication limit speed	78000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	24 mm
da max - Small face shoulder max diameter	27 mm
db min - Min inner ring GO diameter	30 mm
Da max - Max shoulder diameter OR	45,5 mm
Db min - Small face shoulder min diameter	46,5 mm
ra max - Max fillet radius	1 mm
r1a - Max fillet radius	0,6 mm



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