



Technical data

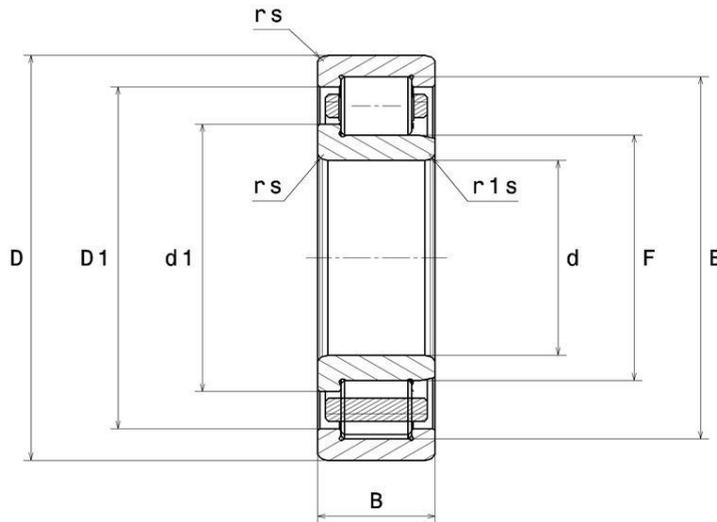
NJ2310EAT2X

Single row cylindrical roller bearings

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

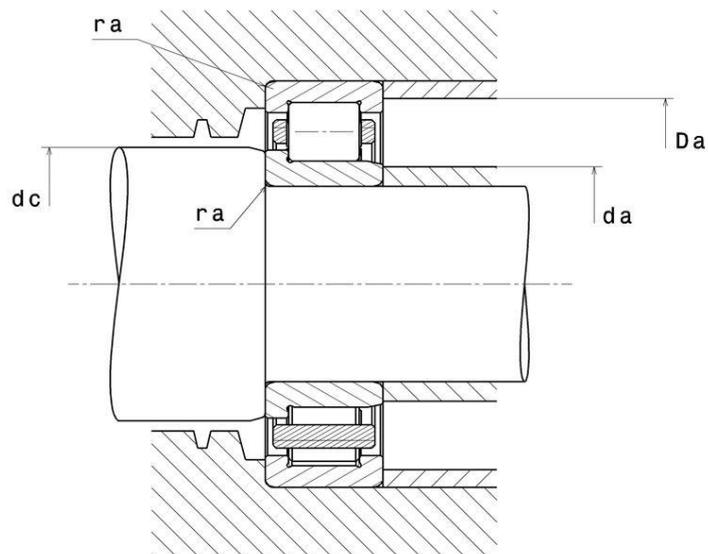
ULTAGE®

VISUAL (S)



NJ2310EAT2X

Single row cylindrical roller bearings



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	50 mm
D - External diameter	110 mm
B - Bearing/Inner ring width	40 mm
E - Upper roller diameter	97 mm
F - Under roller diameter	65 mm
D1 - OR flange inner diameter	91 mm
rs - Min fillet radius	2 mm
r1s - Min fillet radius	2 mm
Radial clearance class	CN
Mass	1,76 kg

PRODUCT PERFORMANCE

C - Dynamic load	192000000 mN
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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

PRODUCT PERFORMANCE

C0 - Static load	187000000 mN
Cu - Fatigue limit load	227000000 mN
N lim - Oil lubrication limit speed	43800 °/s
N lim - Grease lubrication limit speed	31200 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	59 mm
da max - Small face shoulder max diameter	63 mm
dc min - Min inner ring GO diameter	73 mm
Da max - Max shoulder diameter OR	101 mm
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

$$P_0 = Fr$$

