



## Technical data

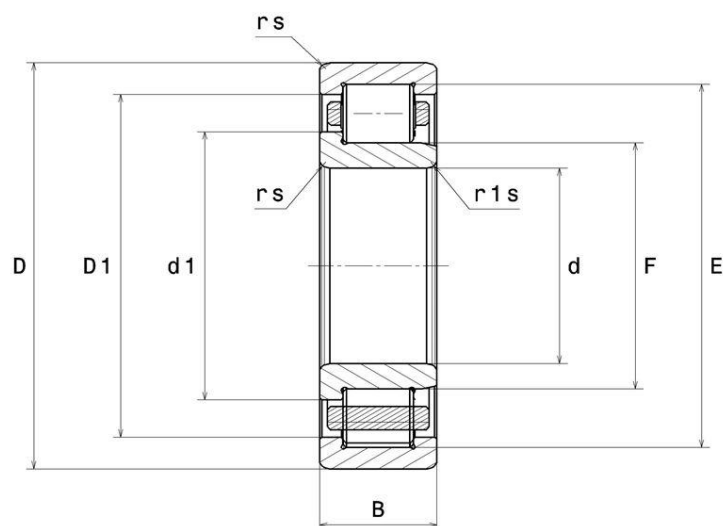
### NJ211EAT2X

Single row cylindrical roller bearings

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

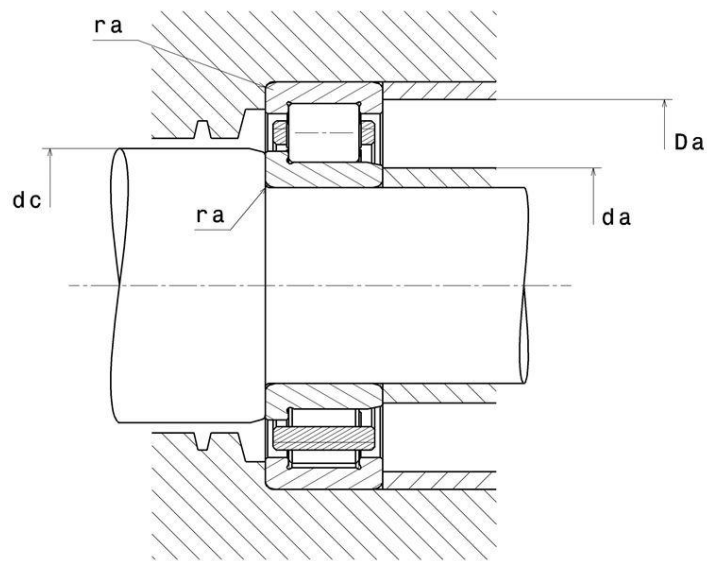
**ULTAGE®**

## VISUAL (S)



NJ211EAT2X

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    |
| E - Upper roller diameter     | 90 mm    |
| F - Under roller diameter     | 66 mm    |
| d1 - IR flange outer diameter | 70,8 mm  |
| rs - Min fillet radius        | 1,5 mm   |
| r1s - Min fillet radius       | 1,1 mm   |
| Radial clearance class        | CN       |
| Mass                          | 0,689 kg |

| PRODUCT PERFORMANCE |              |
|---------------------|--------------|
| C - Dynamic load    | 102000000 mN |

## PRODUCT PERFORMANCE

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

## ABUTMENT

|                                                  |         |
|--------------------------------------------------|---------|
| <b>da min - Min shoulder diameter IR</b>         | 61,5 mm |
| <b>da max - Small face shoulder max diameter</b> | 65 mm   |
| <b>dc min - Min inner ring GO diameter</b>       | 73 mm   |
| <b>Da max - Max shoulder diameter OR</b>         | 92 mm   |
| <b>ra max - Max fillet radius</b>                | 1,5 mm  |
| <b>r1a - Max fillet radius</b>                   | 1 mm    |



## INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$



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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