



## Technical data

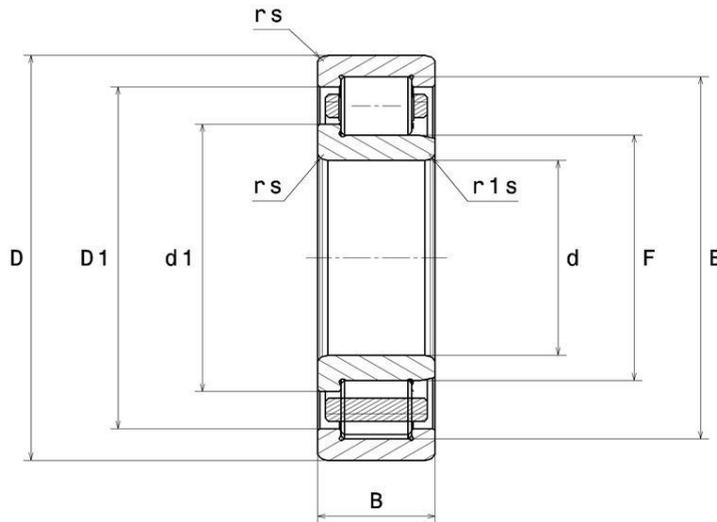
### NJ205EAT2XC3

Single row cylindrical roller bearings

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

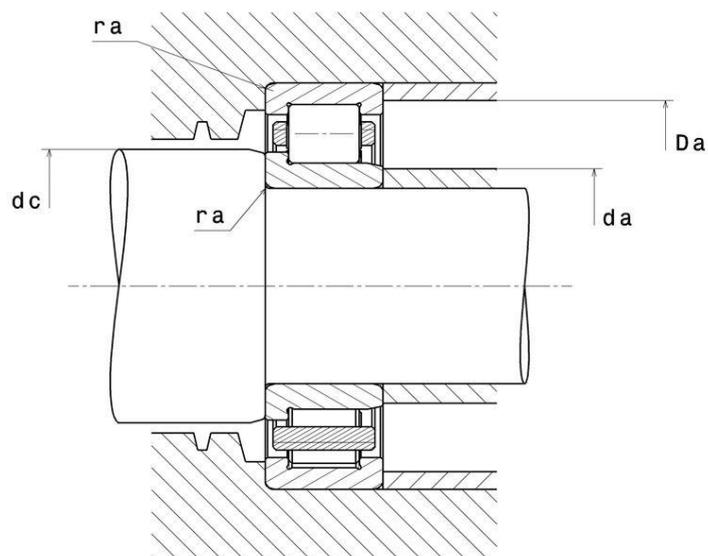
**ULTAGE®**

## VISUAL (S)



# NJ205EAT2XC3

Single row cylindrical roller bearings



## PRODUCT DEFINITION

<b>Brand</b>	NTN
<b>d - Internal diameter</b>	25 mm
<b>D - External diameter</b>	52 mm
<b>B - Bearing/Inner ring width</b>	15 mm
<b>E - Upper roller diameter</b>	46,5 mm
<b>F - Under roller diameter</b>	31,5 mm
<b>d1 - IR flange outer diameter</b>	34,5 mm
<b>rNs - Min fillet radius</b>	0,6 mm
<b>rs - Min fillet radius</b>	1 mm
<b>Radial clearance class</b>	C3

## PRODUCT PERFORMANCE

<b>C - Dynamic load</b>	34500000 mN
<b>C0 - Static load</b>	27700000 mN



**NTN Europe**

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00  
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**PRODUCT PERFORMANCE**

<b>Cu - Fatigue limit load</b>	3400000 mN
<b>N lim - Oil lubrication limit speed</b>	108000 °/s
<b>N lim - Grease lubrication limit speed</b>	78000 °/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>	29 mm
<b>dc min - Min inner ring GO diameter</b>	34 mm
<b>Da max - Max shoulder diameter OR</b>	47 mm
<b>Db min - Small face shoulder min diameter</b>	47,5 mm
<b>ra max - Max fillet radius</b>	1 mm
<b>r1a - Max fillet radius</b>	0,6 mm



## INDUSTRY CALCUL FACTORS

### Equivalent dynamic radial load

$$P = Fr$$

### Equivalent static radial load

$$P_0 = Fr$$

