



Technical data

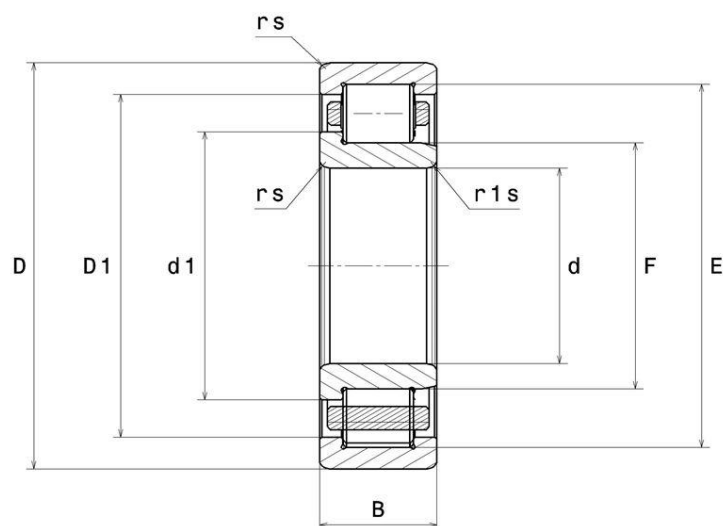
NJ304EAT2X

Single row cylindrical roller bearings

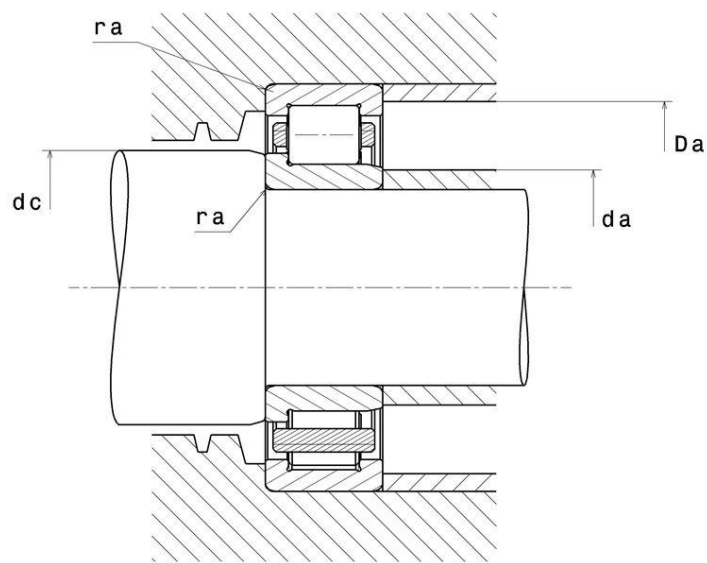
Single row cylindrical roller bearing, single direction for axial loads, separable, polyamide cage.

ULTAGE®

VISUAL (S)



NJ304EAT2X
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
d1 - IR flange outer diameter	31,1 mm
rs - Min fillet radius	1,1 mm
r1s - Min fillet radius	0,6 mm
Radial clearance class	CN
Mass	0,149 kg

PRODUCT PERFORMANCE

C - Dynamic load	37500000 mN
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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	0 mm
dc min - Min inner ring GO diameter	30 mm
Da max - Max shoulder diameter OR	45,5 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

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