



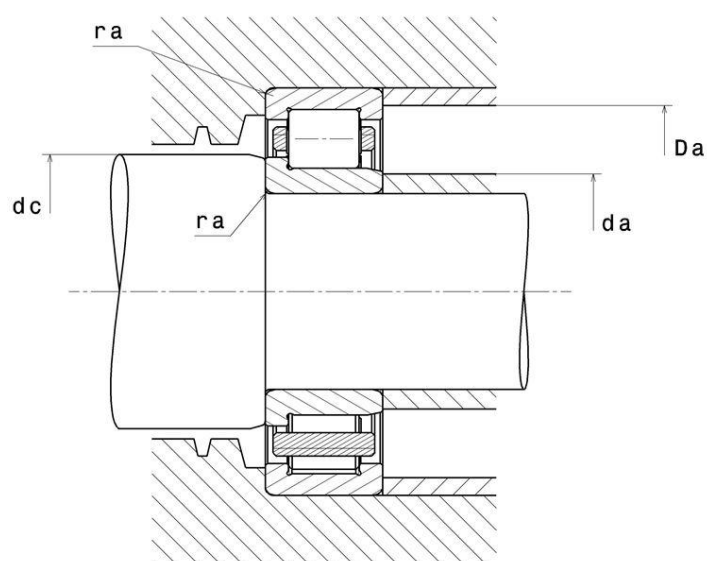
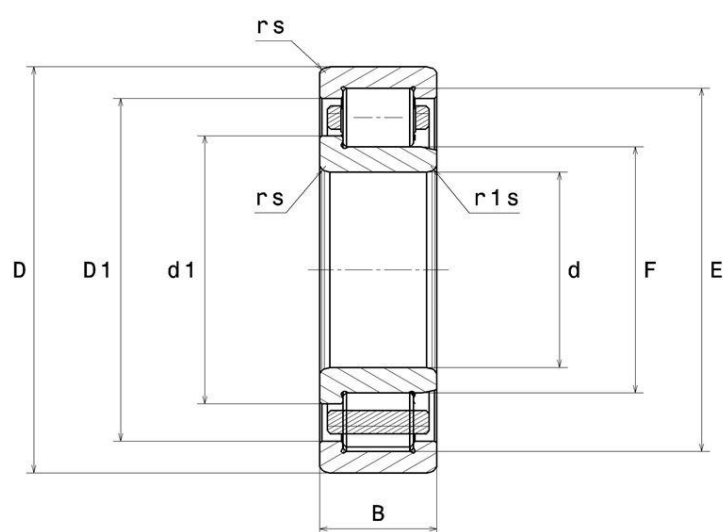
Technical data

NJ2304ET2X

Single row cylindrical roller bearings

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

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	20 mm
D - External diameter	52 mm
B - Bearing/Inner ring width	21 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	0,242 kg

PRODUCT PERFORMANCE

C - Dynamic load	42000000 mN
C0 - Static load	39000000 mN
Cu - Fatigue limit load	4750000 mN
N lim - Oil lubrication limit speed	84000 °/s
N lim - Grease lubrication limit speed	72000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	26,5 mm
da max - Small face shoulder max diameter	27 mm
dc min - Min inner ring GO diameter	33 mm



ABUTMENT

Da max - Max shoulder diameter OR	45,5 mm
ra max - Max fillet radius	1 mm

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$

