



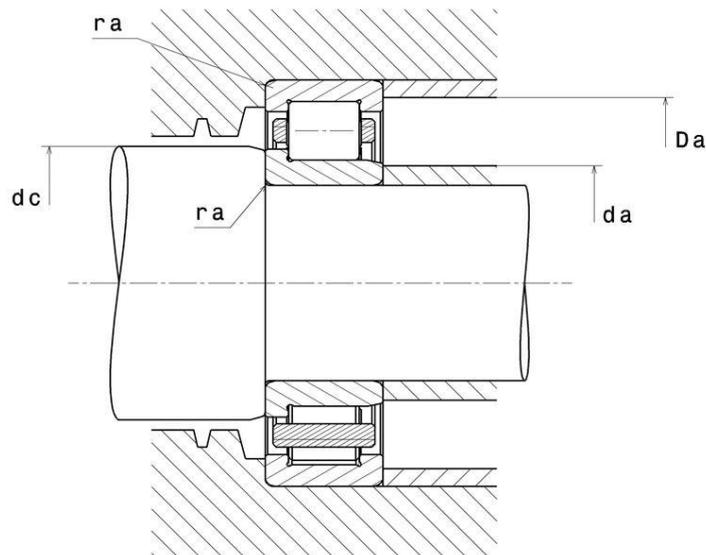
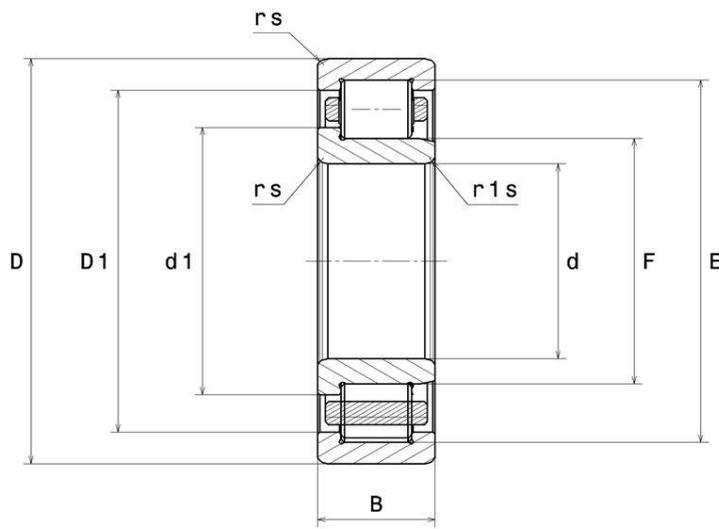
Technical data

NJ2205ET2XC3

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	25 mm
D - External diameter	52 mm
B - Bearing/Inner ring width	18 mm
E - Upper roller diameter	46,5 mm
F - Under roller diameter	31,5 mm
d1 - IR flange outer diameter	34,5 mm
rs - Min fillet radius	1 mm
r1s - Min fillet radius	0,6 mm
Radial clearance class	C3
Mass	0,172 kg

PRODUCT PERFORMANCE

C - Dynamic load	35000000 mN
C0 - Static load	34500000 mN
Cu - Fatigue limit load	4200000 mN
N lim - Oil lubrication limit speed	78000 °/s
N lim - Grease lubrication limit speed	66000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	30 mm
da max - Small face shoulder max diameter	31 mm
dc min - Min inner ring GO diameter	37 mm



ABUTMENT

Da max - Max shoulder diameter OR	47 mm
ra max - Max fillet radius	1 mm

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$

