



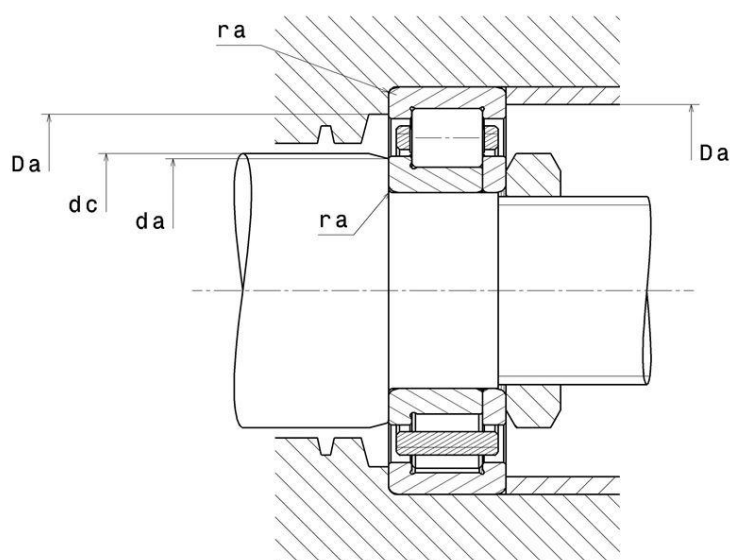
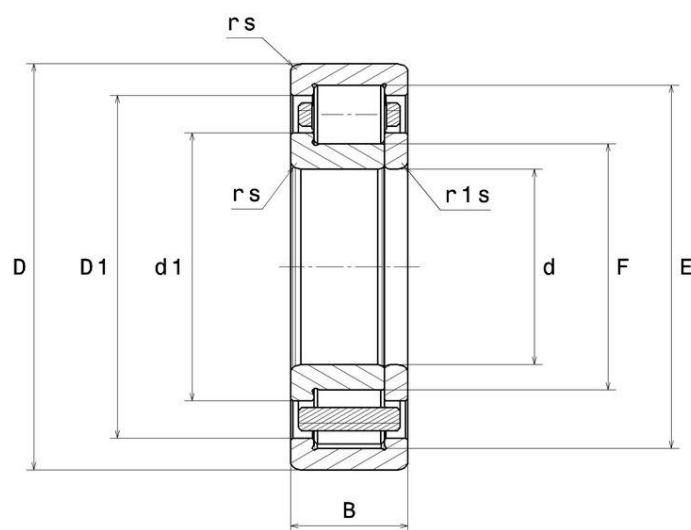
Technical data

NUP209ET2XC3U

Single row cylindrical roller bearings

Single row cylindrical roller bearing, locating, separable, polyamide cage

VISUAL (S)



NUP209ET2XC3U

Single row cylindrical roller bearings

PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	45 mm
D - External diameter	85 mm
B - Bearing/Inner ring width	19 mm
E - Upper roller diameter	76,5 mm
F - Under roller diameter	54,5 mm
d1 - IR flange outer diameter	58,9 mm
rs - Min fillet radius	1,1 mm
r1s - Min fillet radius	1,1 mm
Radial clearance class	C3
Mass	0,474 kg

PRODUCT PERFORMANCE

C - Dynamic load	63000000 mN
C0 - Static load	66500000 mN
Cu - Fatigue limit load	8100000 mN
N lim - Oil lubrication limit speed	54000 °/s
N lim - Grease lubrication limit speed	45600 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	51,5 mm
dc min - Min inner ring GO diameter	61 mm
Da max - Max shoulder diameter OR	78,5 mm



NTN Europe

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ABUTMENT

ra max - Max fillet radius

1 mm

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$Po = Fr$$



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