



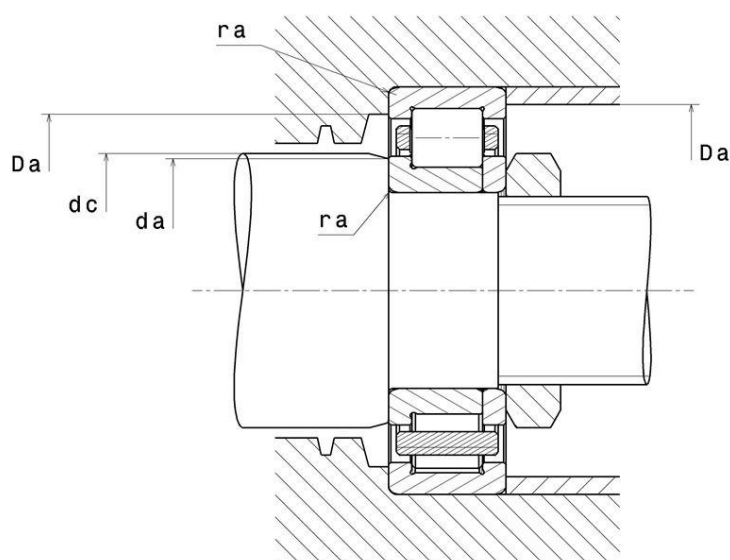
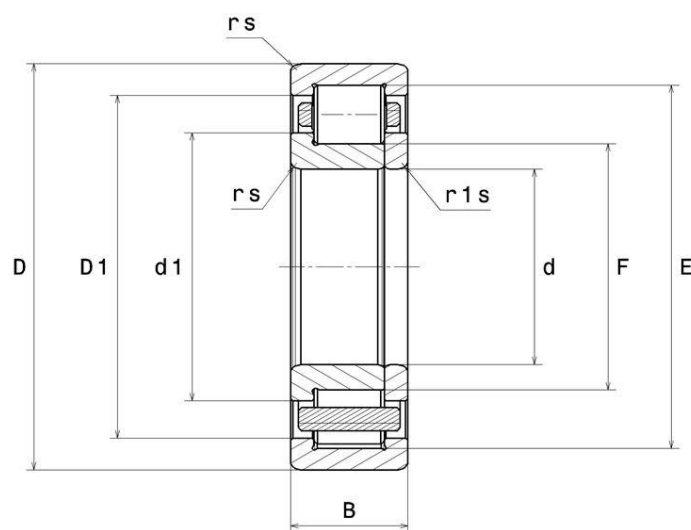
Technical data

NUP205ET2XC3U

Single row cylindrical roller bearings

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

VISUAL (S)



NUP205ET2XC3U

Single row cylindrical roller bearings

PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	25 mm
D - External diameter	52 mm
B - Bearing/Inner ring width	15 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	0,137 kg

PRODUCT PERFORMANCE

C - Dynamic load	29300000 mN
C0 - Static load	27700000 mN
Cu - Fatigue limit load	3400000 mN
N lim - Oil lubrication limit speed	90000 °/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	30 mm
dc min - Min inner ring GO diameter	37 mm
Da max - Max shoulder diameter OR	47 mm



NTN Europe

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00
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SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

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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