



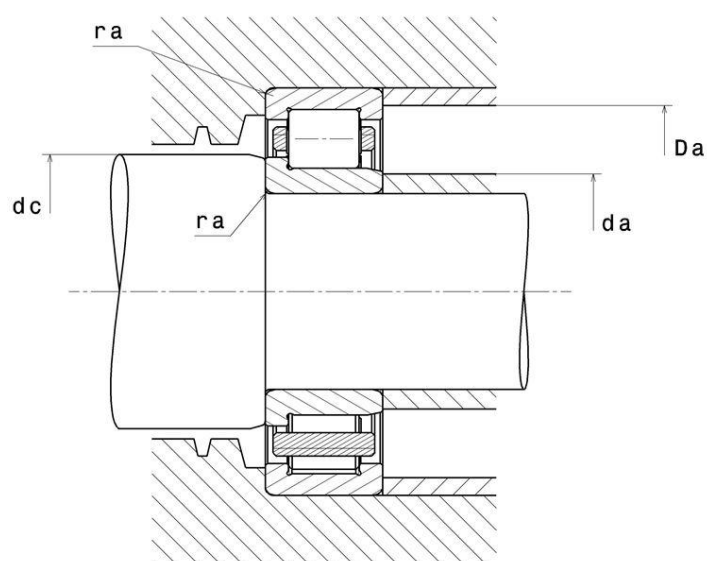
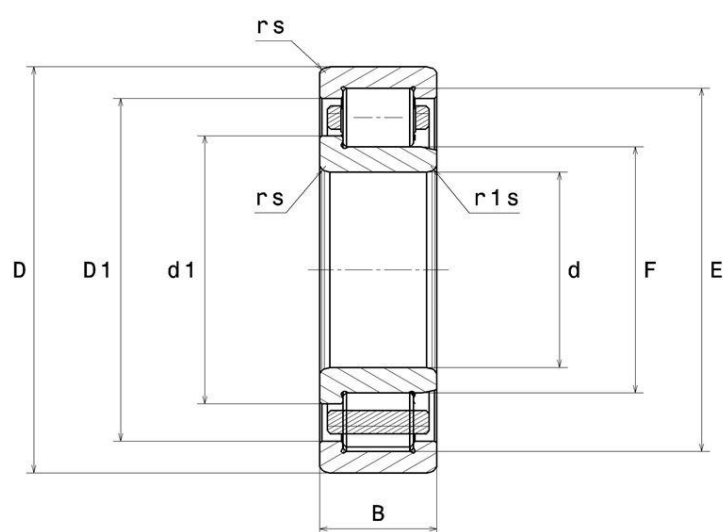
Technical data

NJ2216ET2X

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	80 mm
D - External diameter	140 mm
B - Bearing/Inner ring width	33 mm
E - Upper roller diameter	127,3 mm
F - Under roller diameter	95,3 mm
d1 - IR flange outer diameter	101,7 mm
rNs - Min fillet radius	2 mm
rs - Min fillet radius	2 mm
Radial clearance class	CN

PRODUCT PERFORMANCE

C - Dynamic load	186000000 mN
C0 - Static load	243000000 mN
Cu - Fatigue limit load	28700000 mN
N lim - Oil lubrication limit speed	33000 °/s
N lim - Grease lubrication limit speed	23400 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	89 mm
dc min - Min inner ring GO diameter	97 mm
Da max - Max shoulder diameter OR	131 mm
Db min - Small face shoulder min diameter	128,5 mm



NTN Europe

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ABUTMENT

ra max - Max fillet radius	2 mm
r1a - Max fillet radius	2 mm

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$



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