



Technical data

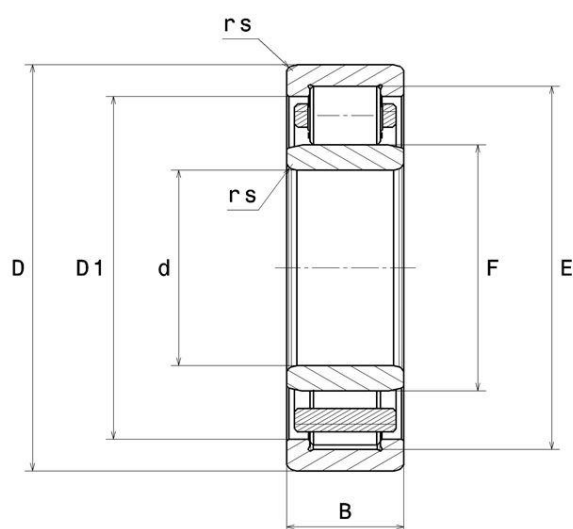
NU2309EAT2X

Single row cylindrical roller bearings

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

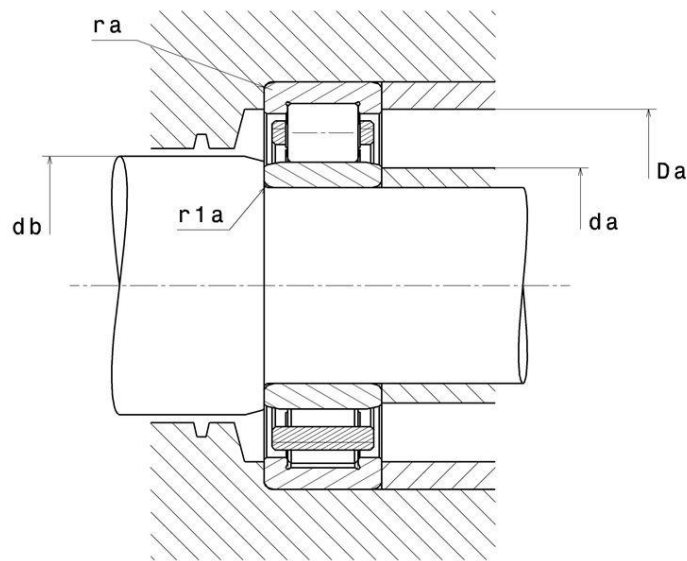
ULTAGE®

VISUAL (S)



NU2309EAT2X

Single row cylindrical roller bearings



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	45 mm
D - External diameter	100 mm
B - Bearing/Inner ring width	36 mm
E - Upper roller diameter	88,5 mm
F - Under roller diameter	58,5 mm
d1 - IR flange outer diameter	64,5 mm
rNs - Min fillet radius	1,5 mm
rs - Min fillet radius	1,5 mm
Radial clearance class	CN
Mass	1,41 kg

PRODUCT PERFORMANCE	
C - Dynamic load	162000000 mN

PRODUCT PERFORMANCE

C0 - Static load	153000000 mN
Cu - Fatigue limit load	18700000 mN
N lim - Oil lubrication limit speed	49200 °/s
N lim - Grease lubrication limit speed	34200 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	53 mm
db min - Min inner ring GO diameter	60 mm
Da max - Max shoulder diameter OR	92 mm
Db min - Small face shoulder min diameter	90,5 mm
ra max - Max fillet radius	1,5 mm
r1a - Max fillet radius	1,5 mm



INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$



NTN Europe

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00
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