



Technical data

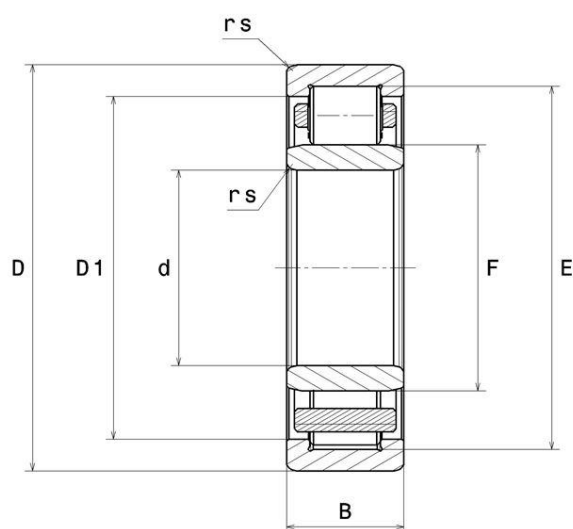
NU308EAT2X

Single row cylindrical roller bearings

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

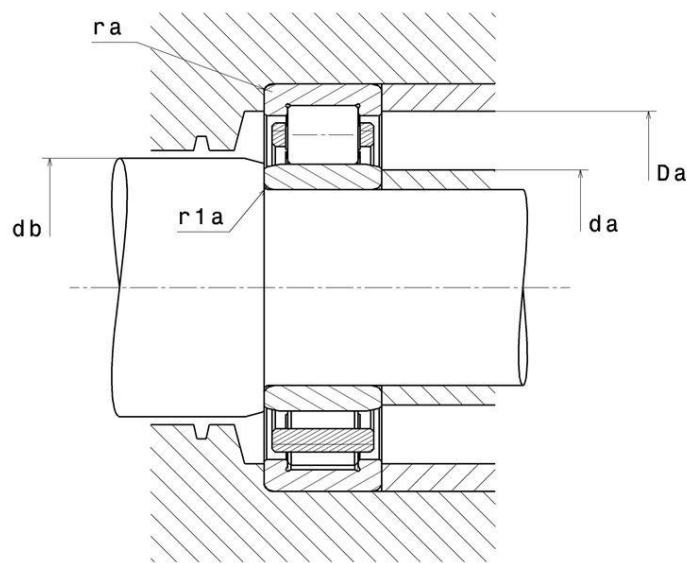
ULTAGE®

VISUAL (S)



NU308EAT2X

Single row cylindrical roller bearings



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	40 mm
D - External diameter	90 mm
B - Bearing/Inner ring width	23 mm
E - Upper roller diameter	80 mm
F - Under roller diameter	52 mm
d1 - IR flange outer diameter	57,6 mm
rNs - Min fillet radius	1,5 mm
rs - Min fillet radius	1,5 mm
Radial clearance class	CN
Mass	0,754 kg

PRODUCT PERFORMANCE	
C - Dynamic load	98500000 mN

NU308EAT2X

Single row cylindrical roller bearings

PRODUCT PERFORMANCE

C0 - Static load	81500000 mN
Cu - Fatigue limit load	9950000 mN
N lim - Oil lubrication limit speed	61200 °/s
N lim - Grease lubrication limit speed	43200 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	48 mm
db min - Min inner ring GO diameter	55 mm
Da max - Max shoulder diameter OR	82 mm
Db min - Small face shoulder min diameter	81,5 mm
ra max - Max fillet radius	1,5 mm
r1a - Max fillet radius	1,5 mm



NTN Europe

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 S.A. au capital de 322 639 919 € · RCS ANNECY B 325 821 072 · Id. Fiscale : FR 48 325 821 072
 SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$



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