



Technical data

NU214EAT2X

Single row cylindrical roller bearings

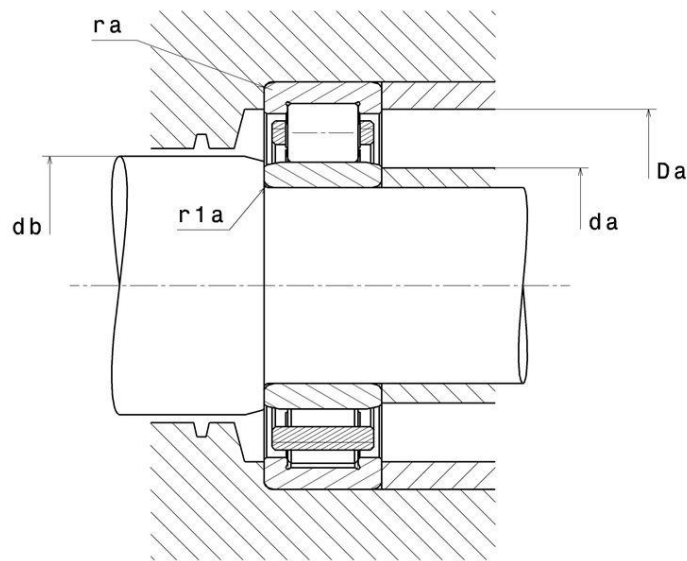
Single row cylindrical roller bearing, floating, separable, polyamide cage

ULTAGE®

VISUAL (S)



NU214EAT2X
Single row cylindrical roller bearings



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	70 mm
D - External diameter	125 mm
B - Bearing/Inner ring width	24 mm
E - Upper roller diameter	113,5 mm
F - Under roller diameter	83,5 mm
d1 - IR flange outer diameter	89,5 mm
rNs - Min fillet radius	1,5 mm
rs - Min fillet radius	1,5 mm
Radial clearance class	CN
Mass	1,3 kg

PRODUCT PERFORMANCE	
C - Dynamic load	140000000 mN



PRODUCT PERFORMANCE

C0 - Static load	137000000 mN
Cu - Fatigue limit load	16700000 mN
N lim - Oil lubrication limit speed	42600 °/s
N lim - Grease lubrication limit speed	30000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	78 mm
db min - Min inner ring GO diameter	86 mm
Da max - Max shoulder diameter OR	117 mm
Db min - Small face shoulder min diameter	115 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

$$P_0 = Fr$$



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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