



Technical data

NU320

Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, pressed steel cage

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	100 mm
D - External diameter	215 mm
B - Bearing/Inner ring width	47 mm
E - Upper roller diameter	185,5 mm
F - Under roller diameter	129,5 mm
rs - Min fillet radius	3 mm
r1s - Min fillet radius	3 mm
Radial clearance class	CN
Mass	7,49 kg

PRODUCT PERFORMANCE

C - Dynamic load	330000000 mN
C0 - Static load	335000000 mN
Cu - Fatigue limit load	36000000 mN
N lim - Oil lubrication limit speed	22800 °/s
N lim - Grease lubrication limit speed	19800 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	113 mm
da max - Small face shoulder max diameter	125 mm
db min - Min inner ring GO diameter	132 mm
Da max - Max shoulder diameter OR	202 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

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ABUTMENT

ra max - Max fillet radius	2,5 mm
r1a - Max fillet radius	2,5 mm

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$



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