



Technical data

NU210C3

Single row cylindrical roller bearings

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

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	50 mm
D - External diameter	90 mm
B - Bearing/Inner ring width	20 mm
E - Upper roller diameter	80,4 mm
F - Under roller diameter	60,4 mm
rs - Min fillet radius	1,1 mm
r1s - Min fillet radius	1,1 mm
Radial clearance class	C3
Mass	0,47 kg

PRODUCT PERFORMANCE

C - Dynamic load	53500000 mN
C0 - Static load	51000000 mN
Cu - Fatigue limit load	6200000 mN
N lim - Oil lubrication limit speed	54000 °/s
N lim - Grease lubrication limit speed	45600 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	56,5 mm
da max - Small face shoulder max diameter	58 mm
db min - Min inner ring GO diameter	62 mm
Da max - Max shoulder diameter OR	83,5 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

ABUTMENT

ra max - Max fillet radius	1 mm
r1a - Max fillet radius	1 mm

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$



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