

Technical data

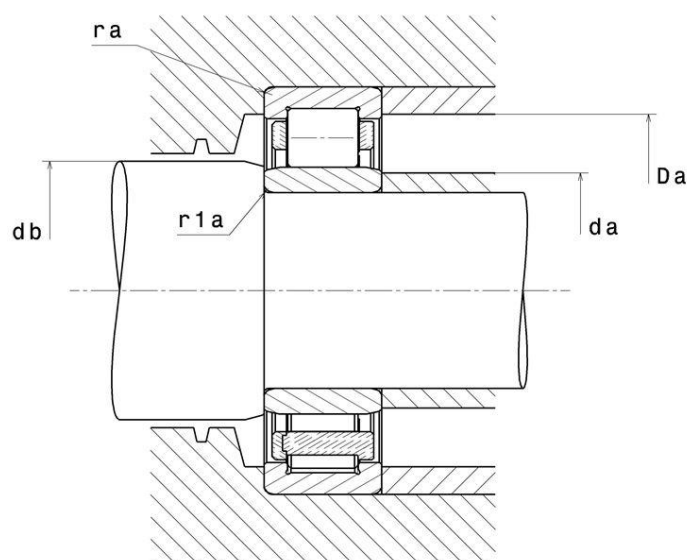
NU319EG1C3

Single row cylindrical roller bearings



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

VISUAL (S)



NU319EG1C3

Single row cylindrical roller bearings

PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	95 mm
D - External diameter	200 mm
B - Bearing/Inner ring width	45 mm
E - Upper roller diameter	177,5 mm
F - Under roller diameter	121,5 mm
D1 - OR flange inner diameter	167 mm
rs - Min fillet radius	3 mm
Radial clearance class	C3
Mass	6,73 kg

PRODUCT PERFORMANCE

C - Dynamic load	335000000 mN
C0 - Static load	385000000 mN
N lim - Oil lubrication limit speed	21600 °/s
N lim - Grease lubrication limit speed	18600 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	108 mm
da max - Small face shoulder max diameter	119 mm
db min - Min inner ring GO diameter	124 mm
Da max - Max shoulder diameter OR	187 mm
ra max - Max fillet radius	2,5 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

$P_0 = Fr$

