

Technical data

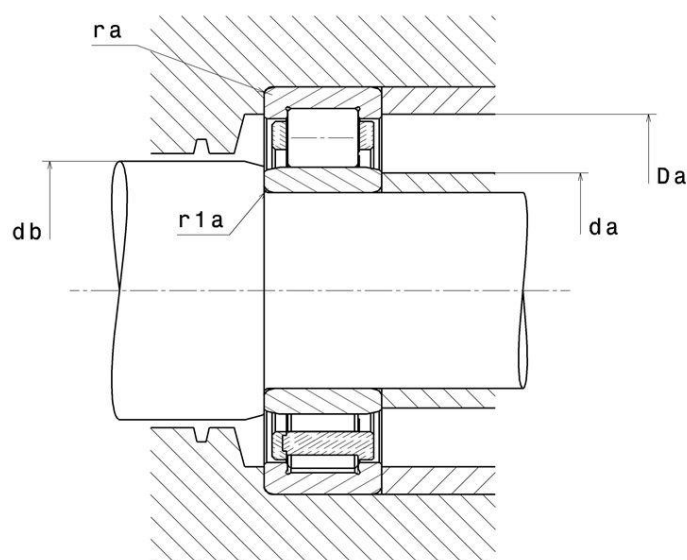
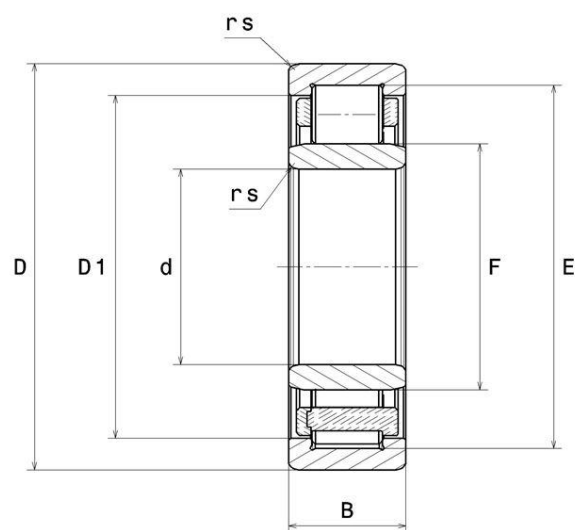
NU1009G1

Single row cylindrical roller bearings



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

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	45 mm
D - External diameter	75 mm
B - Bearing/Inner ring width	16 mm
E - Upper roller diameter	67,5 mm
F - Under roller diameter	52,5 mm
rs - Min fillet radius	1 mm
r1s - Min fillet radius	0,6 mm
Radial clearance class	CN
Mass	0,278 kg

PRODUCT PERFORMANCE

C - Dynamic load	34500000 mN
C0 - Static load	34000000 mN
Cu - Fatigue limit load	4150000 mN
N lim - Oil lubrication limit speed	72000 °/s
N lim - Grease lubrication limit speed	59400 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	49 mm
da max - Small face shoulder max diameter	52 mm
db min - Min inner ring GO diameter	54 mm
Da max - Max shoulder diameter OR	70 mm



ABUTMENT

ra max - Max fillet radius	1 mm
r1a - Max fillet radius	0,6 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