

Technical data

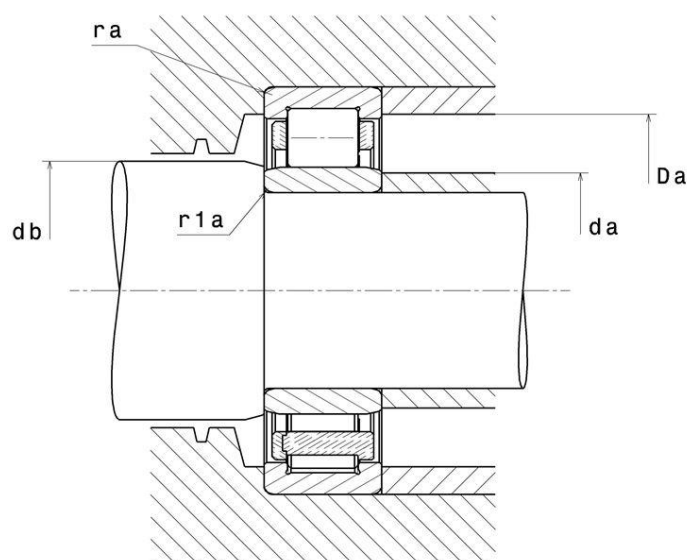
NU1005G1

Single row cylindrical roller bearings



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

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	25 mm
D - External diameter	47 mm
B - Bearing/Inner ring width	12 mm
E - Upper roller diameter	41,5 mm
F - Under roller diameter	30,5 mm
rs - Min fillet radius	0,6 mm
r1s - Min fillet radius	0,3 mm
Radial clearance class	CN
Mass	0,088 kg

PRODUCT PERFORMANCE

C - Dynamic load	16700000 mN
C0 - Static load	14100000 mN
Cu - Fatigue limit load	1720000 mN
N lim - Oil lubrication limit speed	114000 °/s
N lim - Grease lubrication limit speed	96000 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	27 mm
da max - Small face shoulder max diameter	30 mm
db min - Min inner ring GO diameter	32 mm
Da max - Max shoulder diameter OR	43 mm



ABUTMENT

ra max - Max fillet radius	0,6 mm
r1a - Max fillet radius	0,3 mm

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$P_0 = Fr$$



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