



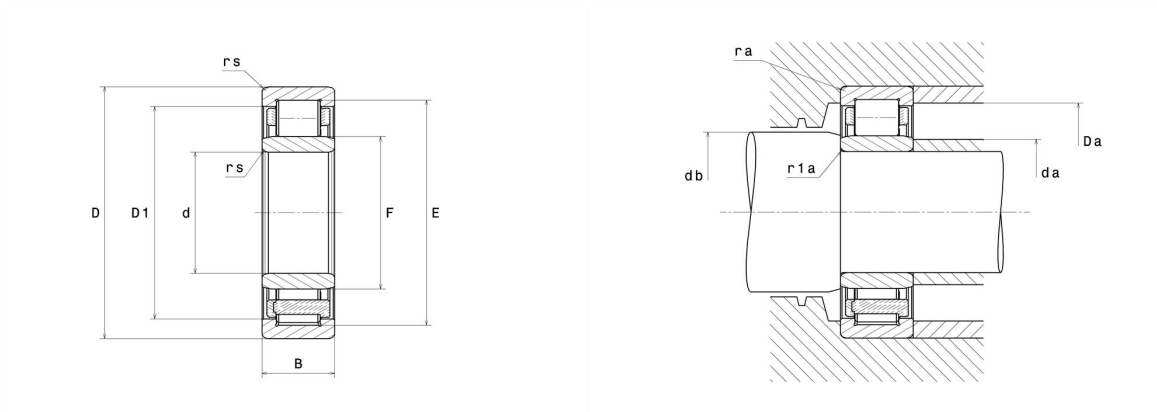
Technical datasheet

NU1005G1

Single row cylindrical roller bearings

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

Visual(s)



Product definition

d	25 mm
D	47 mm
B	12 mm
E	41.5 mm
F	30.5 mm
rs min	0.6 mm
r1s min	0.3 mm
Radial clearance class	CN
Mass (without HJ ring)	0.09 kg
Brand	NTN

Product performance

Dynamic load, C	15.1 kN
Static load, C0	14.1 kN
Fatigue limit load, Cu	1.72 kN
Nlim (oil)	19,000 rpm
Nlim (grease)	16,000 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	27 mm
da max	30 mm
db min	32 mm
Da max	43 mm
ra max	0.6 mm
r1a max	0.3 mm

Calculation factors

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$