Technical datasheet

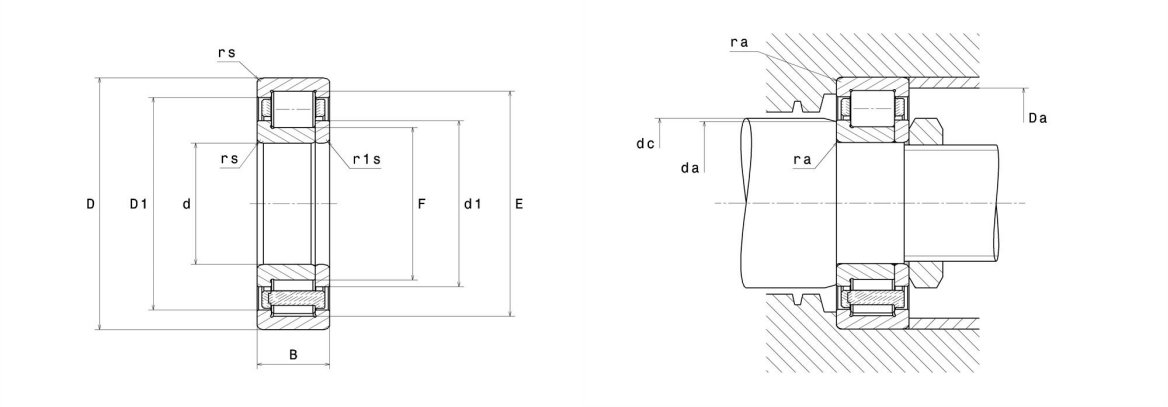
NUP1009G1U

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	45 mm
D	75 mm
B	16 mm
E	67.5 mm
F	52.5 mm
d1	55.5 mm
rs min	1 mm
r1s min	0.6 mm
Radial clearance class	CN
Mass (without HJ ring)	0.28 kg
Brand	NTN

Product performance

Dynamic load, C	31 kN
Static load, C0	34 kN
Fatigue limit load, Cu	4.15 kN
Nlim (oil)	12,000 rpm
Nlim (grease)	9,900 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	50 mm
dc min	56 mm
Da max	70 mm
ra max	1 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$