



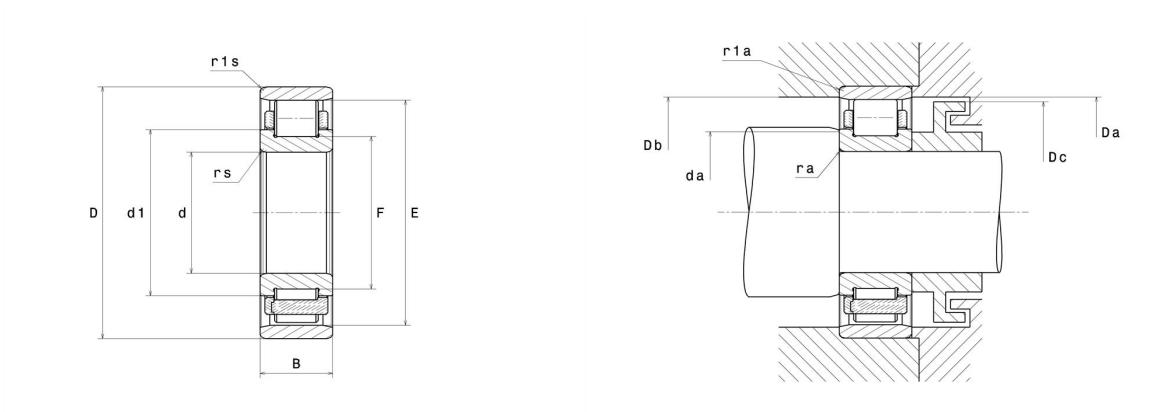
Technical datasheet

N1018

Single row cylindrical roller bearings

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

Visual(s)



Product definition

d	90 mm
D	140 mm
B	24 mm
E	127 mm
F	103 mm
d1	107.8 mm
rs min	1.5 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass (without HJ ring)	2.94 kg
Brand	NTN

Product performance

Dynamic load, C	88 kN
Static load, C0	114 kN
Fatigue limit load, Cu	13.3 kN
Nlim (oil)	5,900 rpm
Nlim (grease)	5,100 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	98 mm
Da max	133.5 mm
Db min	129 mm
Dc max	124 mm
ra max	1.5 mm
r1a max	1 mm

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$Po = Fr$$