Technical data

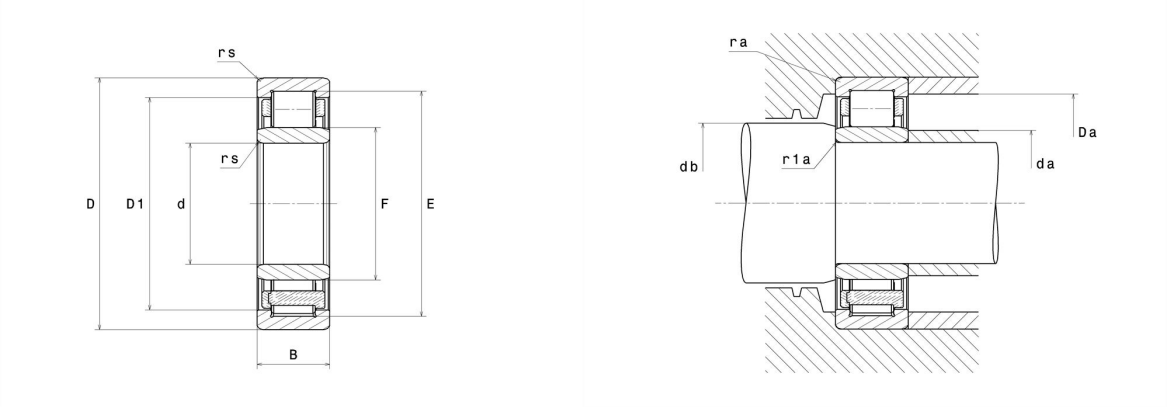
NU1018G1

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
rs min	1.5 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass (without HJ ring)	1.35 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 Tr/min
Nlim (grease)	5,100 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	96.5 mm
da max	101 mm
db min	106 mm
Da max	132 mm
ra max	1.5 mm
r1a max	1 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr