Technical datasheet

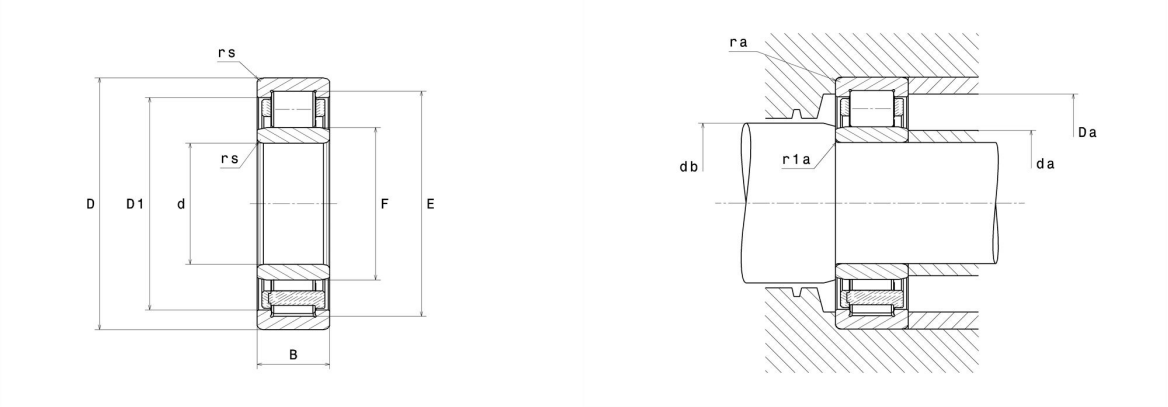
NU214G1

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	70 mm
D	125 mm
B	24 mm
E	110.5 mm
F	84.5 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	1.21 kg
Brand	NTN

Product performance

Dynamic load, C	83.5 kN
Static load, C0	95 kN
Fatigue limit load, Cu	11.6 kN
Nlim (oil)	6,500 rpm
Nlim (grease)	5,500 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	78 mm
da max	82 mm
db min	86 mm
Da max	117 mm
ra max	1.5 mm
r1a max	1.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr