



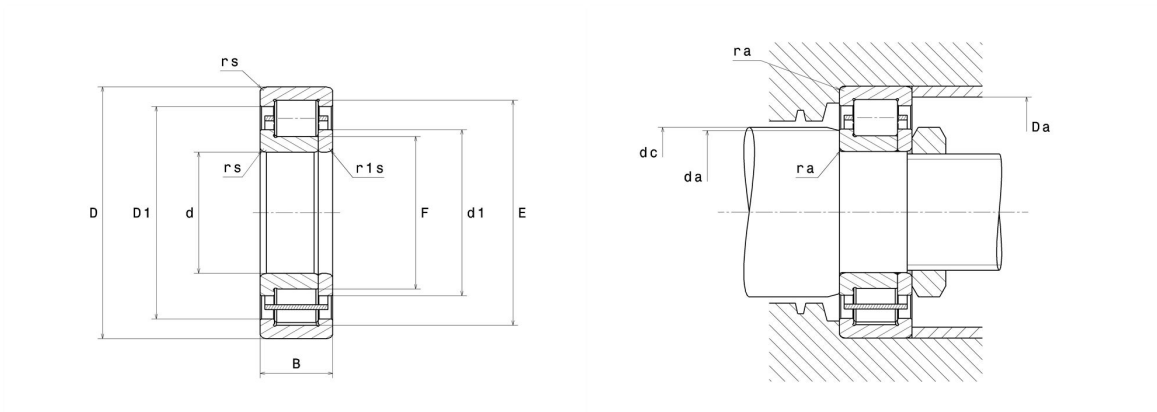
Technical datasheet

NUP214U

Single row cylindrical roller bearings

Single row cylindrical roller bearing, locating, separable, pressed steel cage

Visual(s)



Product definition

d	70 mm
D	125 mm
B	24 mm
E	110.5 mm
F	84.5 mm
d1	89.6 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	1.23 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
dc min	92 mm
Da max	117 mm
ra max	1.5 mm

Calculation factors

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$