Technical data

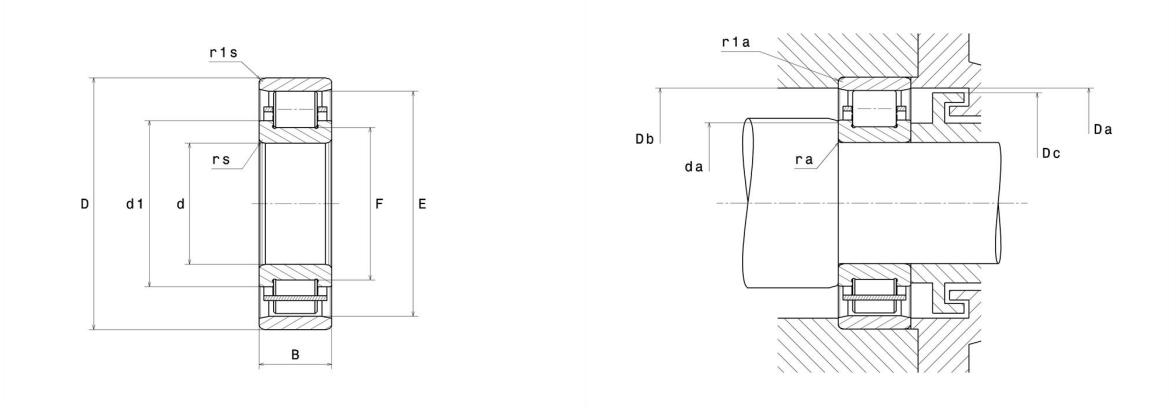
N310

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	50 mm
D	110 mm
B	27 mm
E	95 mm
F	65 mm
d1	71 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	1.11 kg
Brand	NTN

Product performance

Dynamic load, C	87 kN
Static load, C0	86 kN
Fatigue limit load, Cu	10.5 kN
Nlim (oil)	7,700 Tr/min
Nlim (grease)	6,500 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	59 mm
Da max	101 mm
Db min	97 mm
Dc max	93 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr