Technical data

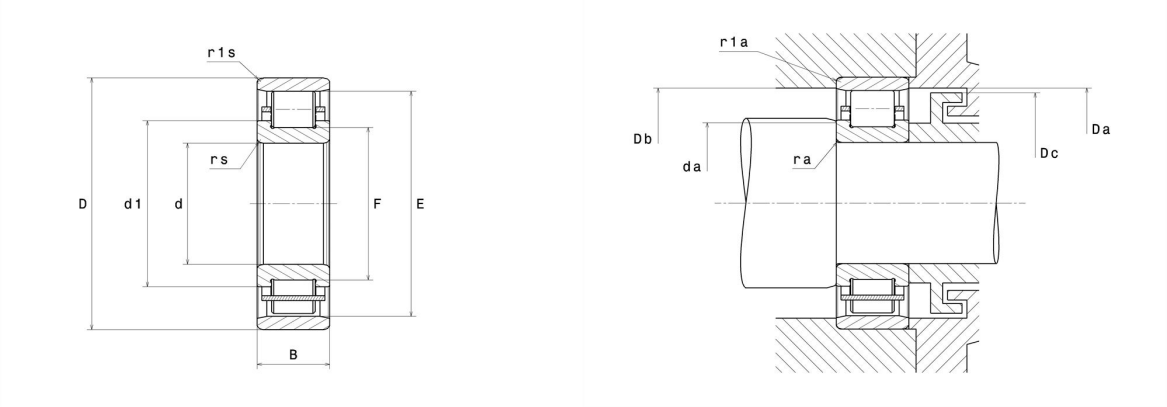
N322

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	110 mm
D	240 mm
B	50 mm
E	207 mm
F	143 mm
d1	155.5 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	10.58 kg
Brand	NTN

Product performance

Dynamic load, C	360 kN
Static load, C0	400 kN
Fatigue limit load, Cu	41.2 kN
Nlim (oil)	3,500 Tr/min
Nlim (grease)	3,000 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	123 mm
Da max	227 mm
Db min	210 mm
Dc max	205 mm
ra max	2.5 mm
r1a max	2.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr