Technical data

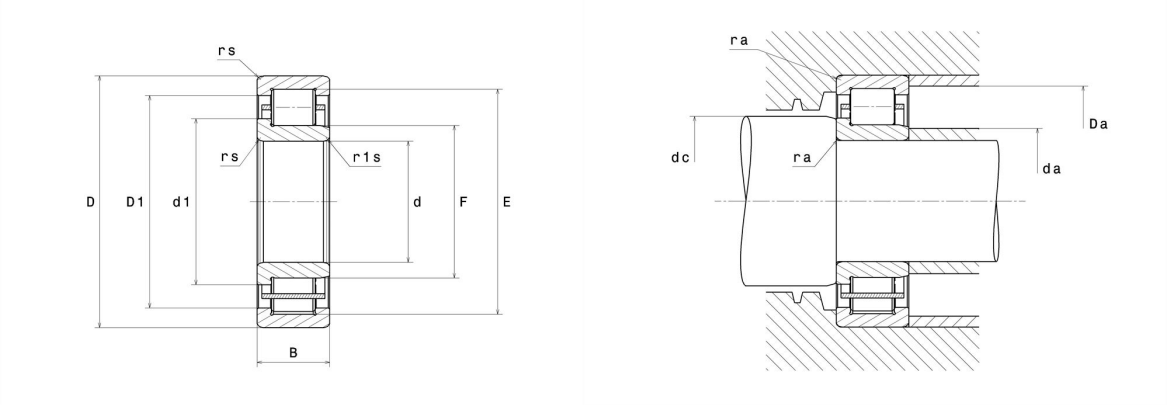
NJ322

Single row cylindrical roller bearings



Single row cylindrical roller bearing, single direction for axial loads, 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)	10.4 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	140 mm
dc min	158 mm
Da max	227 mm
ra max	2.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr