Technical data

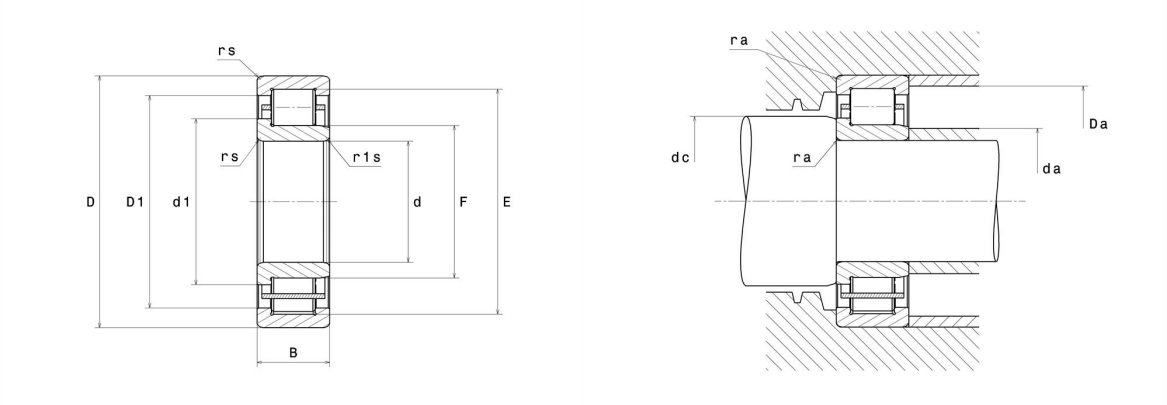
NJ410

Single row cylindrical roller bearings



Single row cylindrical roller bearing, single direction for axial loads, separable, pressed steel cage.

Visual(s)



Product definition

d	50 mm
D	130 mm
B	31 mm
E	110.8 mm
F	70.8 mm
d1	78.8 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	0.2 kg
Brand	NTN

Product performance

Dynamic load, C	129 kN
Static load, C0	124 kN
Fatigue limit load, Cu	15.1 kN
Nlim (oil)	5,500 Tr/min
Nlim (grease)	4,700 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.32 Hz
Characteristic outer ring frequency, BPF0	3.9 Hz
Characteristic inner ring frequency, BPFI	6.1 Hz

Abutment dimensions

da min	61 mm
da max	69 mm
dc min	81 mm
Da max	119 mm
ra max	2 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$