



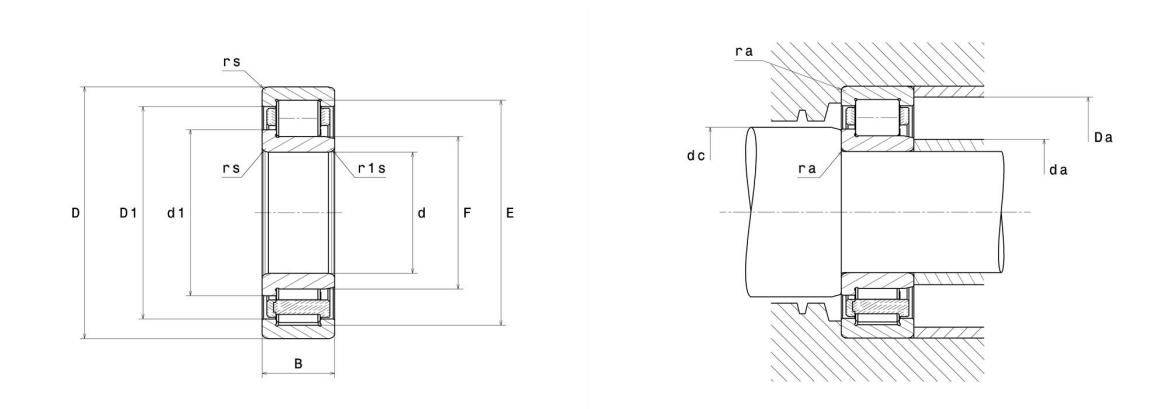
Technical datasheet

NJ2324EG1C3

Single row cylindrical roller bearings

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

Visual(s)



Product definition

d	120 mm
D	260 mm
B	86 mm
E	230 mm
F	154 mm
d1	169.2 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	C3
Mass (without HJ ring)	22.3 kg
Brand	NTN

Product performance

Dynamic load, C	795 kN
Static load, C0	1,030 kN
Fatigue limit load, Cu	104 kN
Nlim (oil)	2,500 rpm
Nlim (grease)	2,200 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.86 Hz
Characteristic outer ring frequency, BPF0	5.21 Hz
Characteristic inner ring frequency, BPFI	7.79 Hz

Abutment dimensions

da min	133 mm
da max	151 mm
dc min	171 mm
Da max	247 mm
ra max	2.5 mm

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$Po = Fr$$