



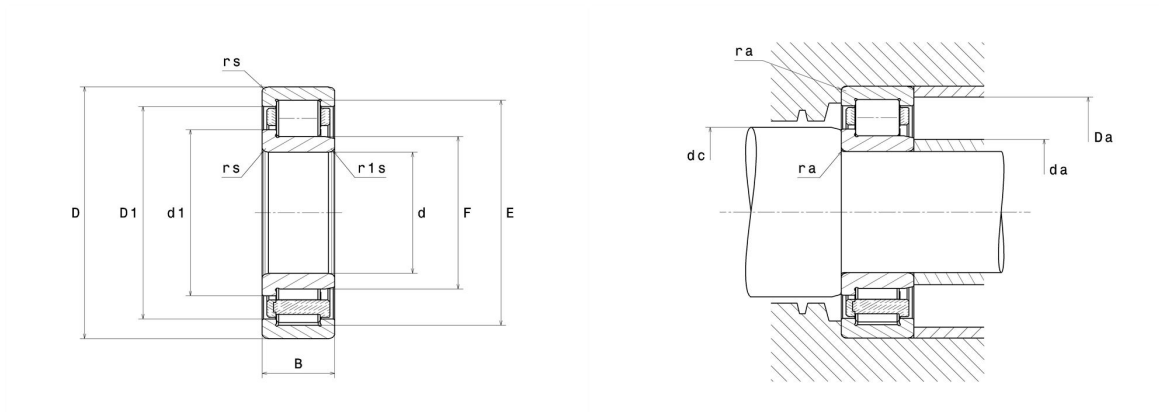
Technical datasheet

NJ236EG1C4

Single row cylindrical roller bearings

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

Visual(s)



Product definition

d	180 mm
D	320 mm
B	52 mm
E	289 mm
F	217 mm
d1	231.4 mm
rs min	4 mm
r1s min	4 mm
Radial clearance class	C4
Mass (without HJ ring)	17.9 kg
Brand	NTN

Product performance

Dynamic load, C	625 kN
Static load, C0	850 kN
Fatigue limit load, Cu	78.7 kN
Nlim (oil)	2,200 rpm
Nlim (grease)	1,800 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.88 Hz
Characteristic outer ring frequency, BPF0	8.15 Hz
Characteristic inner ring frequency, BPFI	10.85 Hz

Abutment dimensions

da min	196 mm
da max	214 mm
dc min	233 mm
Da max	304 mm
ra max	3 mm

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$Po = Fr$$