



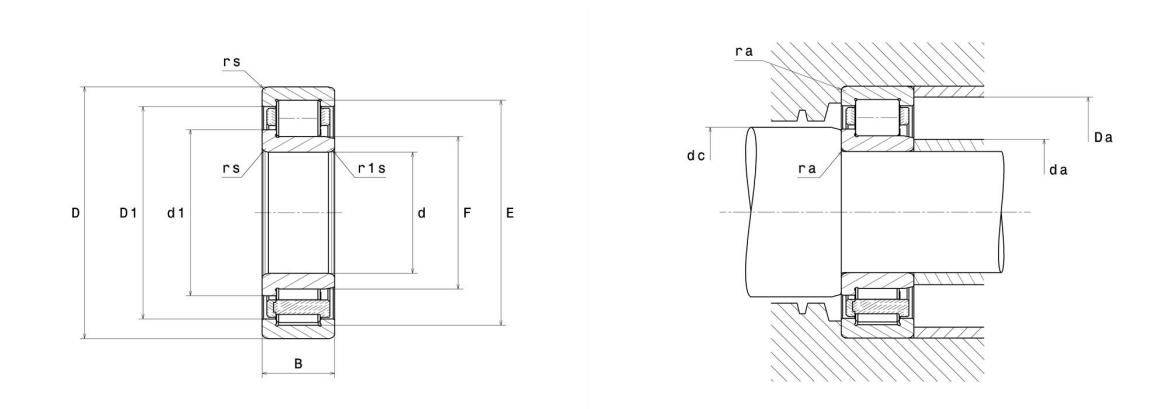
Technical data

NJ2317EG1C3

Single row cylindrical roller bearings

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

Visual(s)



Product definition

d	85 mm
D	180 mm
B	60 mm
E	160 mm
F	108 mm
d1	118.4 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	C3
Mass (without HJ ring)	7.46 kg
Brand	NTN

Product performance

Dynamic load, C	395 kN
Static load, C0	485 kN
Fatigue limit load, Cu	54.4 kN
Nlim (oil)	3,700 Tr/min
Nlim (grease)	3,100 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.96 Hz
Characteristic outer ring frequency, BPF0	5.64 Hz
Characteristic inner ring frequency, BPFI	8.36 Hz

Abutment dimensions

da min	98 mm
da max	106 mm
dc min	119 mm
Da max	167 mm
ra max	2.5 mm

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$Po = Fr$$