Technical data

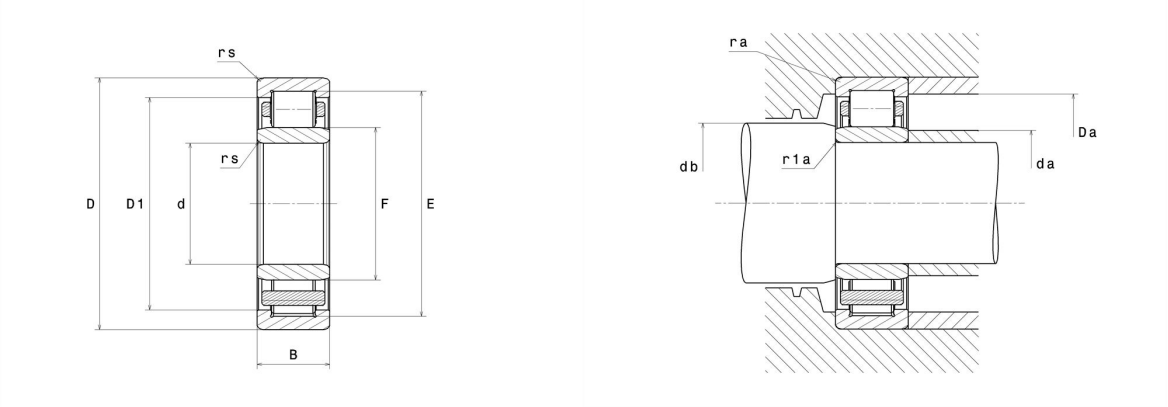
NU317ET2C3

Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, polyamide cage



Visual(s)



Product definition

d	85 mm
D	180 mm
B	41 mm
E	160 mm
F	108 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	C3
Mass (without HJ ring)	4.59 kg
Brand	NTN

Product performance

Dynamic load, C	291 kN
Static load, C0	330 kN
Fatigue limit load, Cu	37 kN
Nlim (oil)	4,100 Tr/min
Nlim (grease)	3,500 Tr/min
Min operating temperature, Tmin	-20 °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
db min	110 mm
Da max	167 mm
ra max	2.5 mm
r1a max	2.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr