Technical data

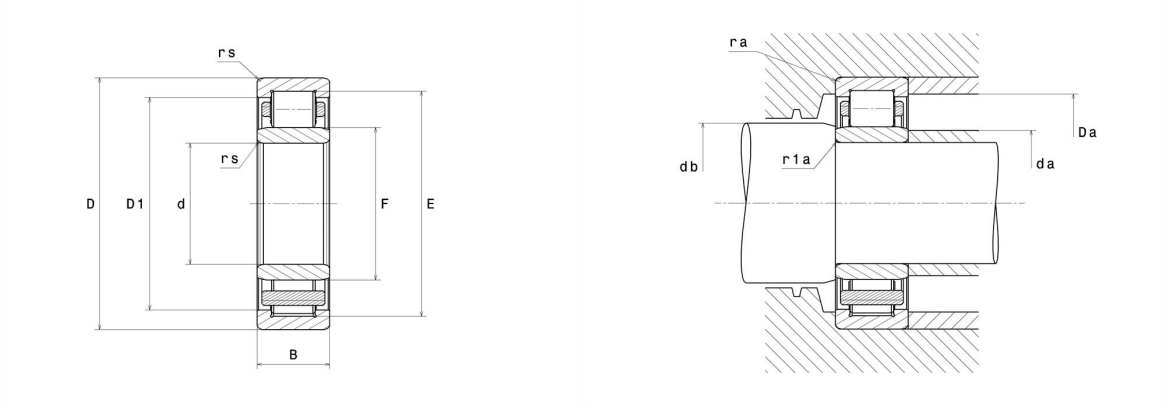
NU322ET2

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	110 mm
D	240 mm
B	50 mm
E	211 mm
F	143 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	10 kg
Brand	NTN

Product performance

Dynamic load, C	450 kN
Static load, C0	525 kN
Fatigue limit load, Cu	54.1 kN
Nlim (oil)	3,100 Tr/min
Nlim (grease)	2,700 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	5.01 Hz
Characteristic outer ring frequency, BPF0	5.66 Hz
Characteristic inner ring frequency, BPFI	8.34 Hz

Abutment dimensions

da min	123 mm
da max	140 mm
db min	145 mm
Da max	227 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