Technical data

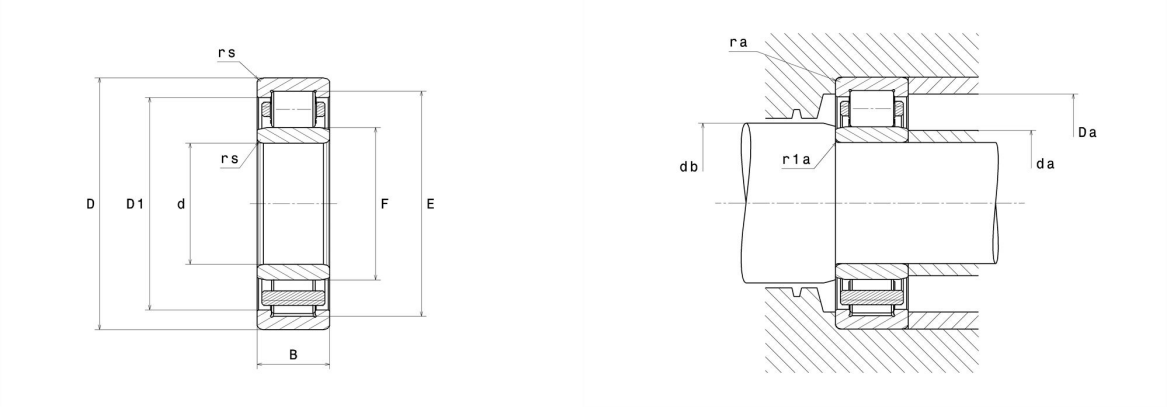
NU222ET2C3

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	110 mm
D	200 mm
B	38 mm
E	180.5 mm
F	132.5 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	C3
Mass (without HJ ring)	4.27 kg
Brand	NTN

Product performance

Dynamic load, C	293 kN
Static load, C0	365 kN
Fatigue limit load, Cu	39 kN
Nlim (oil)	3,700 Tr/min
Nlim (grease)	3,100 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.37 Hz
Characteristic outer ring frequency, BPF0	7.2 Hz
Characteristic inner ring frequency, BPFI	9.8 Hz

Abutment dimensions

da min	121 mm
da max	130 mm
db min	135 mm
Da max	189 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr