Technical data

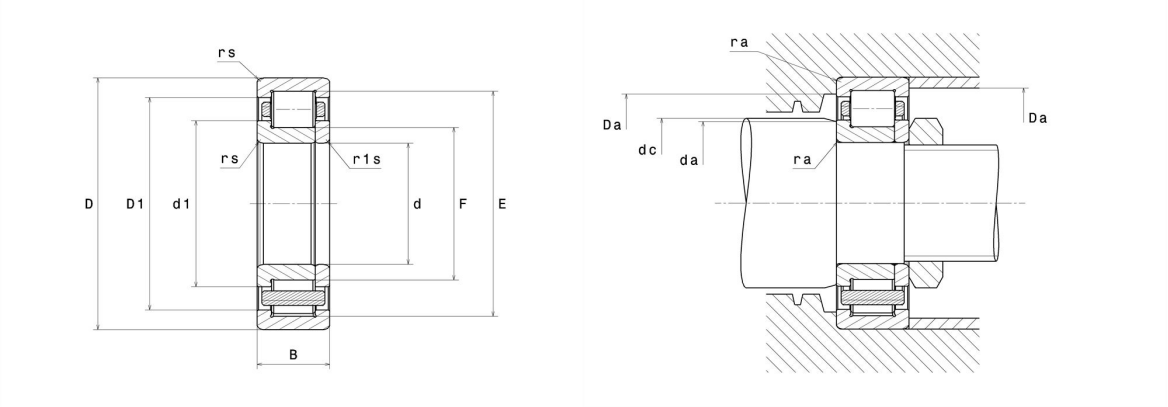
NUP2310ET2XU

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	50 mm
D	110 mm
B	40 mm
E	97 mm
F	65 mm
d1	71.4 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	1.83 kg
Brand	NTN

Product performance

Dynamic load, C	163 kN
Static load, C0	187 kN
Fatigue limit load, Cu	22.8 kN
Nlim (oil)	6,100 Tr/min
Nlim (grease)	5,200 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	4.86 Hz
Characteristic outer ring frequency, BPF0	5.22 Hz
Characteristic inner ring frequency, BPFI	7.78 Hz

Abutment dimensions

da min	59 mm
dc min	73 mm
Da max	101 mm
ra max	2 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$