Technical data

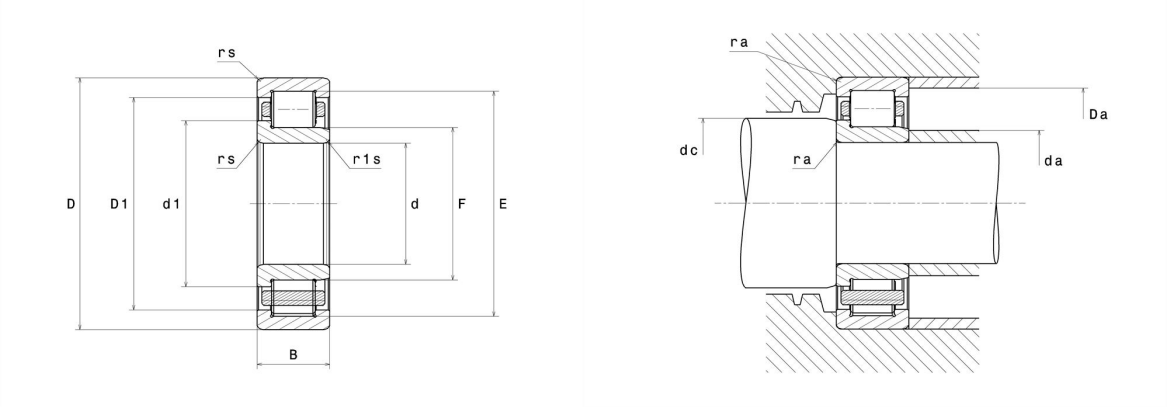
NJ213ET2XC3

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	65 mm
D	120 mm
B	23 mm
E	108.5 mm
F	78.5 mm
d1	84.5 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	C3
Mass (without HJ ring)	1.04 kg
Brand	NTN

Product performance

Dynamic load, C	108 kN
Static load, C0	119 kN
Fatigue limit load, Cu	14.5 kN
Nlim (oil)	6,300 Tr/min
Nlim (grease)	5,400 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	6.07 Hz
Characteristic outer ring frequency, BPF0	6.72 Hz
Characteristic inner ring frequency, BPFI	9.28 Hz

Abutment dimensions

da min	73 mm
da max	77 mm
dc min	87 mm
Da max	112 mm
ra max	1.5 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$