Technical data

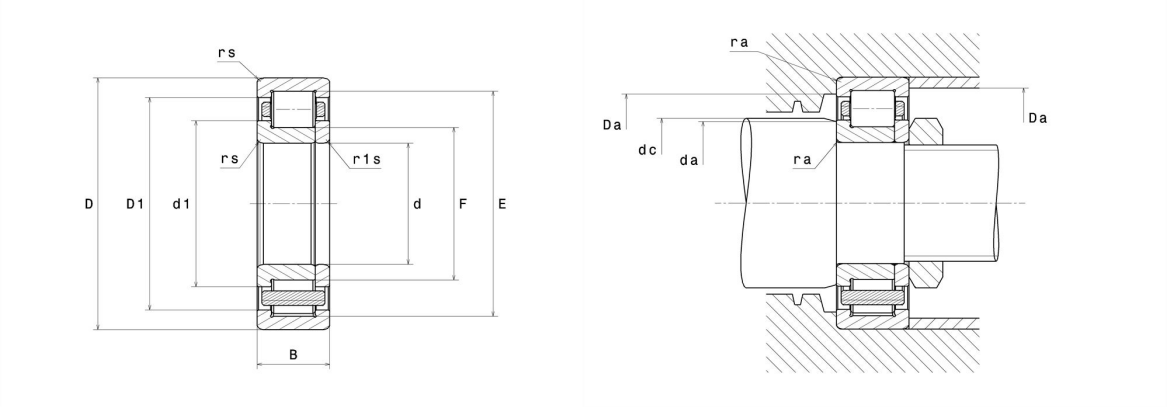
NUP215ET2XU

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	75 mm
D	130 mm
B	25 mm
E	118.5 mm
F	88.5 mm
d1	94.5 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	1.34 kg
Brand	NTN

Product performance

Dynamic load, C	130 kN
Static load, C0	156 kN
Fatigue limit load, Cu	18.9 kN
Nlim (oil)	5,500 Tr/min
Nlim (grease)	4,700 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.76 Hz
Characteristic outer ring frequency, BPF0	7.7 Hz
Characteristic inner ring frequency, BPFI	10.3 Hz

Abutment dimensions

da min	83 mm
dc min	96 mm
Da max	122 mm
ra max	1.5 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$