Technical data

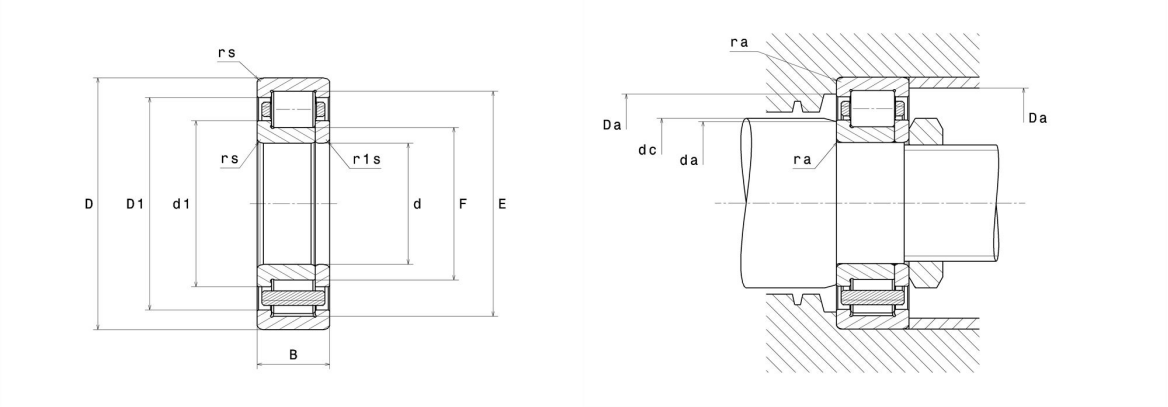
NUP2214ET2XU

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	70 mm
D	125 mm
B	31 mm
E	113.5 mm
F	83.5 mm
d1	89.5 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	1.59 kg
Brand	NTN

Product performance

Dynamic load, C	156 kN
Static load, C0	194 kN
Fatigue limit load, Cu	23.7 kN
Nlim (oil)	5,200 Tr/min
Nlim (grease)	4,500 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	6.41 Hz
Characteristic outer ring frequency, BPF0	7.21 Hz
Characteristic inner ring frequency, BPFI	9.79 Hz

Abutment dimensions

da min	78 mm
dc min	92 mm
Da max	117 mm
ra max	1.5 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$