Technical data

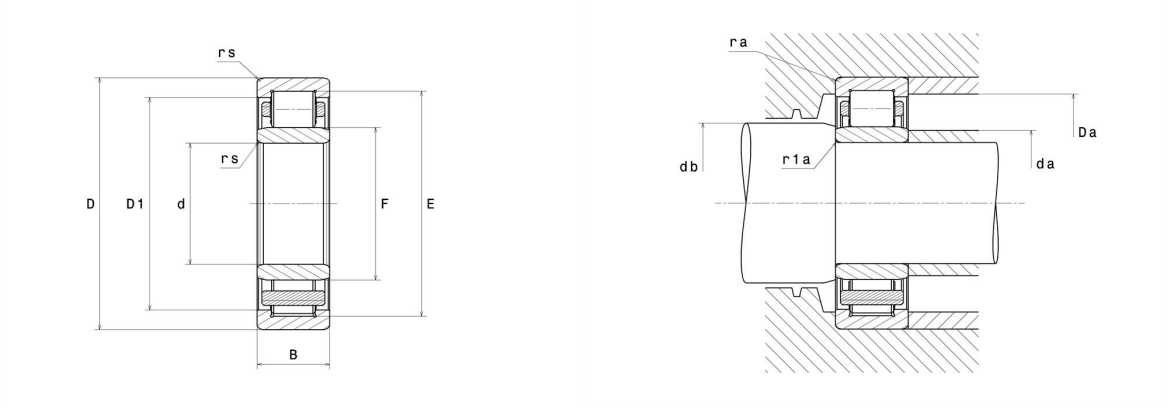
NU2214ET2XC3

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	70 mm
D	125 mm
B	31 mm
E	113.5 mm
F	83.5 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	C3
Mass (without HJ ring)	1.54 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
da max	82 mm
db min	86 mm
Da max	117 mm
ra max	1.5 mm
r1a max	1.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr