Technical data

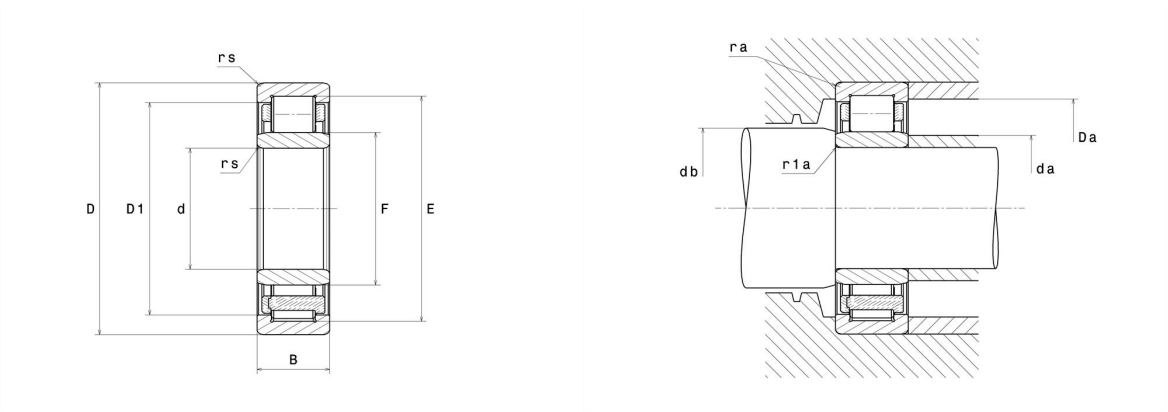
NU324EG1

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	120 mm
D	260 mm
B	55 mm
E	230 mm
F	154 mm
D1	216 mm
rs min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	13.9 kg
Brand	NTN

Product performance

Dynamic load, C	530 kN
Static load, C0	610 kN
Nlim (oil)	2,800 Tr/min
Nlim (grease)	2,400 Tr/min
Min operating temperature, Tmin	-40 °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	5.21 Hz
Characteristic inner ring frequency, BPFI	7.79 Hz

Abutment dimensions

da min	133 mm
da max	151 mm
db min	156 mm
Da max	247 mm
ra max	2.5 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$