Technical data

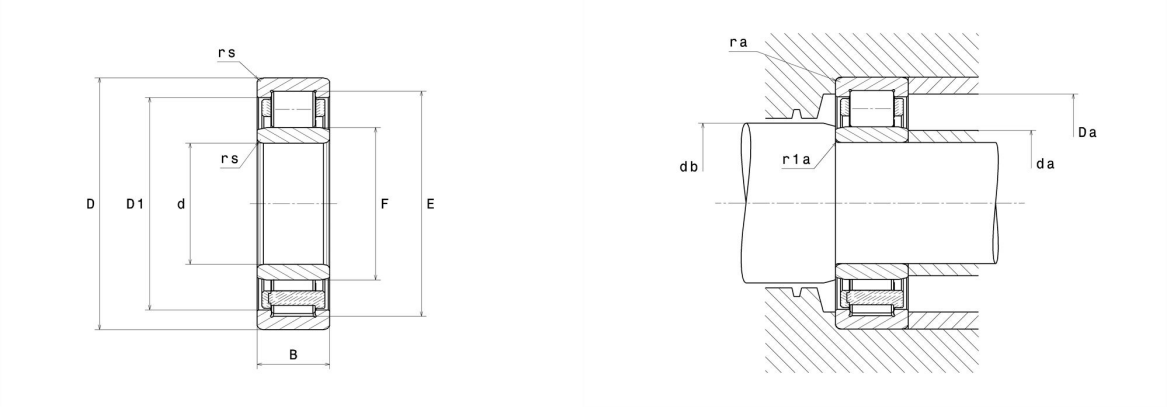
NU240EG1

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	200 mm
D	360 mm
B	58 mm
E	323 mm
F	243 mm
rs min	4 mm
r1s min	4 mm
Radial clearance class	CN
Mass (without HJ ring)	25.3 kg
Brand	NTN

Product performance

Dynamic load, C	765 kN
Static load, C0	1,060 kN
Fatigue limit load, Cu	94.9 kN
Nlim (oil)	1,900 Tr/min
Nlim (grease)	1,600 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.93 Hz
Characteristic outer ring frequency, BPF0	8.16 Hz
Characteristic inner ring frequency, BPFI	10.84 Hz

Abutment dimensions

da min	216 mm
da max	240 mm
db min	247 mm
Da max	344 mm
ra max	3 mm
r1a max	3 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr