Technical data

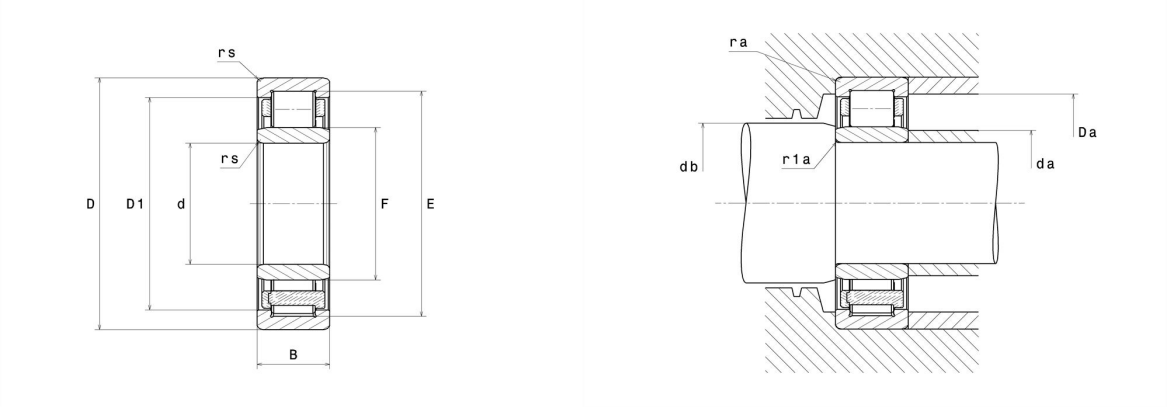
NU2236EG1C3

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	180 mm
D	320 mm
B	86 mm
E	291 mm
F	215 mm
rs min	4 mm
r1s min	4 mm
Radial clearance class	C3
Mass (without HJ ring)	29.1 kg
Brand	NTN

Product performance

Dynamic load, C	1,010 kN
Static load, C0	1,510 kN
Fatigue limit load, Cu	140 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	0.42 Hz
Characteristic rolling element frequency, BSF	6.51 Hz
Characteristic outer ring frequency, BPF0	7.65 Hz
Characteristic inner ring frequency, BPFI	10.35 Hz

Abutment dimensions

da min	196 mm
da max	214 mm
db min	221 mm
Da max	304 mm
ra max	3 mm
r1a max	3 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr