Technical data

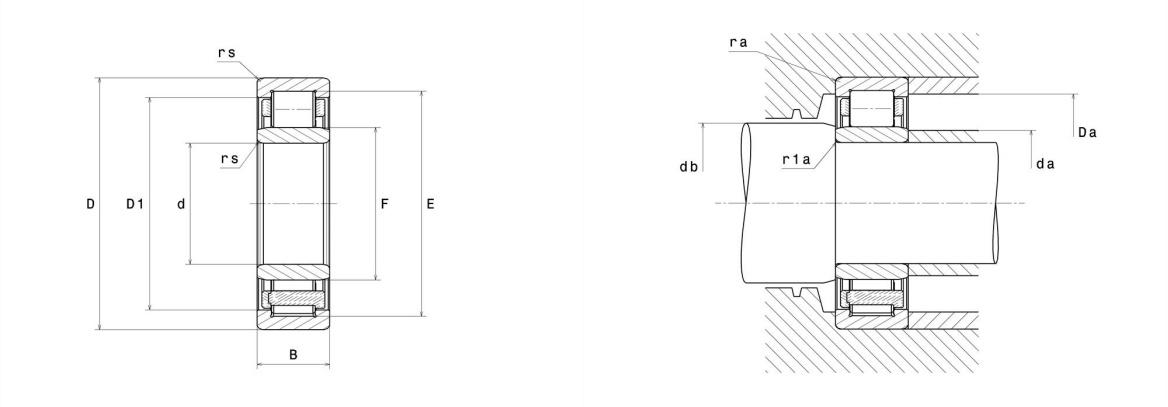
NU2234EG1C3

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	170 mm
D	310 mm
B	86 mm
E	281 mm
F	205 mm
rs min	4 mm
r1s min	4 mm
Radial clearance class	C3
Mass (without HJ ring)	27.8 kg
Brand	NTN

Product performance

Dynamic load, C	965 kN
Static load, C0	1,410 kN
Fatigue limit load, Cu	132 kN
Nlim (oil)	2,100 Tr/min
Nlim (grease)	1,800 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	6.24 Hz
Characteristic outer ring frequency, BPF0	7.17 Hz
Characteristic inner ring frequency, BPFI	9.83 Hz

Abutment dimensions

da min	186 mm
da max	204 mm
db min	211 mm
Da max	294 mm
ra max	3 mm
r1a max	3 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr