Technical data

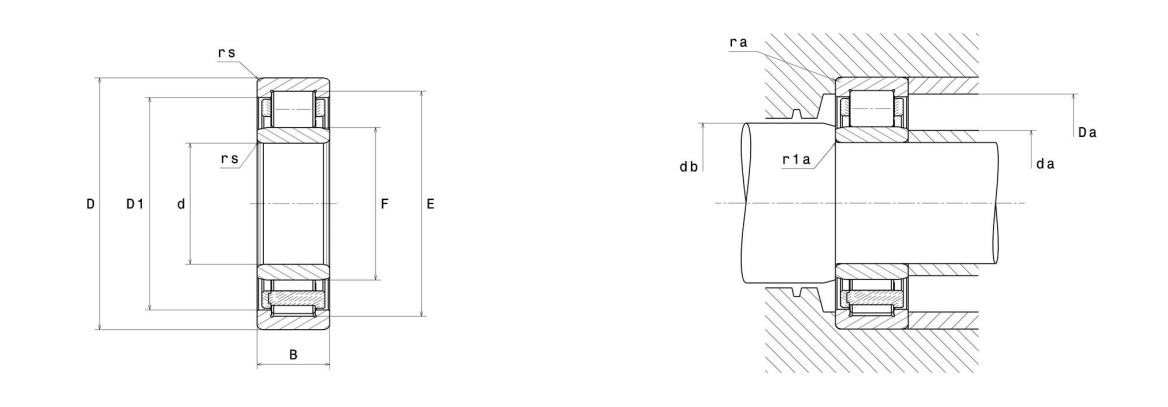
NU234EG1

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	52 mm
E	279 mm
F	207 mm
D1	265.7 mm
rs min	4 mm
Radial clearance class	CN
Mass (without HJ ring)	17 kg
Brand	NTN

Product performance

Dynamic load, C	605 kN
Static load, C0	800 kN
Nlim (oil)	2,300 Tr/min
Nlim (grease)	2,000 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	6.6 Hz
Characteristic outer ring frequency, BPF0	7.67 Hz
Characteristic inner ring frequency, BPFI	10.33 Hz

Abutment dimensions

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

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr