Technical data

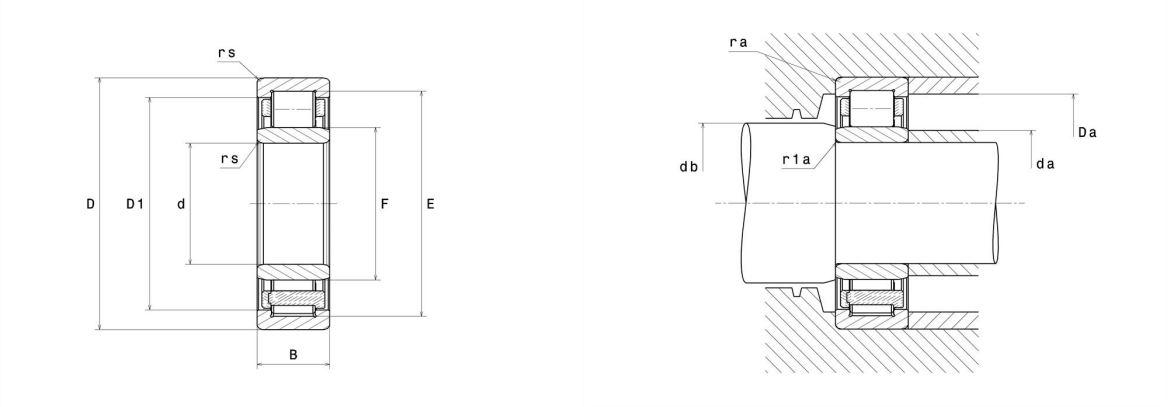
NU219EG1C3

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	95 mm
D	170 mm
B	32 mm
E	154.5 mm
F	112.5 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	C3
Mass (without HJ ring)	3.08 kg
Brand	NTN

Product performance

Dynamic load, C	220 kN
Static load, C0	265 kN
Fatigue limit load, Cu	29.7 kN
Nlim (oil)	4,300 Tr/min
Nlim (grease)	3,600 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	6.2 Hz
Characteristic outer ring frequency, BPF0	7.16 Hz
Characteristic inner ring frequency, BPFI	9.84 Hz

Abutment dimensions

da min	106 mm
da max	111 mm
db min	116 mm
Da max	159 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr