Technical data

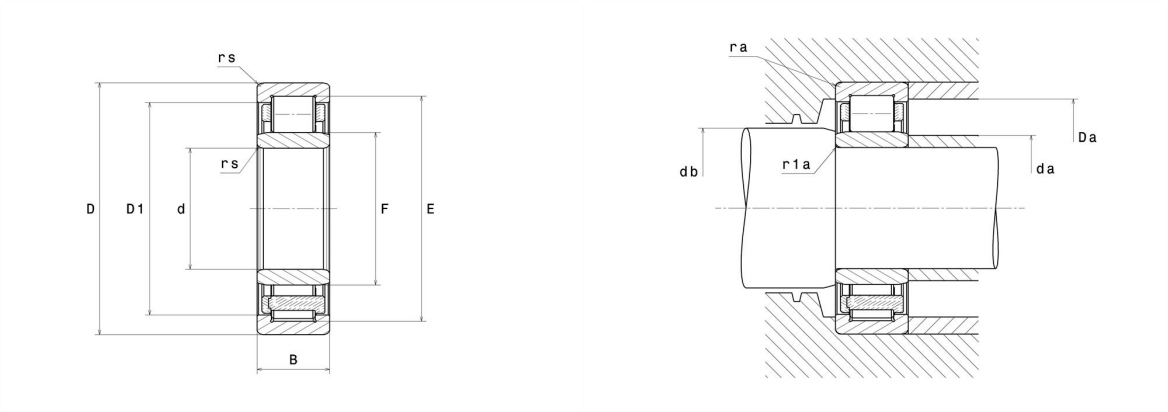
NU2220EG1

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	100 mm
D	180 mm
B	46 mm
E	163 mm
F	119 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	4.94 kg
Brand	NTN

Product performance

Dynamic load, C	335 kN
Static load, C0	445 kN
Fatigue limit load, Cu	49.1 kN
Nlim (oil)	3,600 Tr/min
Nlim (grease)	3,100 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	6.25 Hz
Characteristic outer ring frequency, BPF0	7.17 Hz
Characteristic inner ring frequency, BPFI	9.83 Hz

Abutment dimensions

da min	111 mm
da max	117 mm
db min	122 mm
Da max	169 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr