Technical data

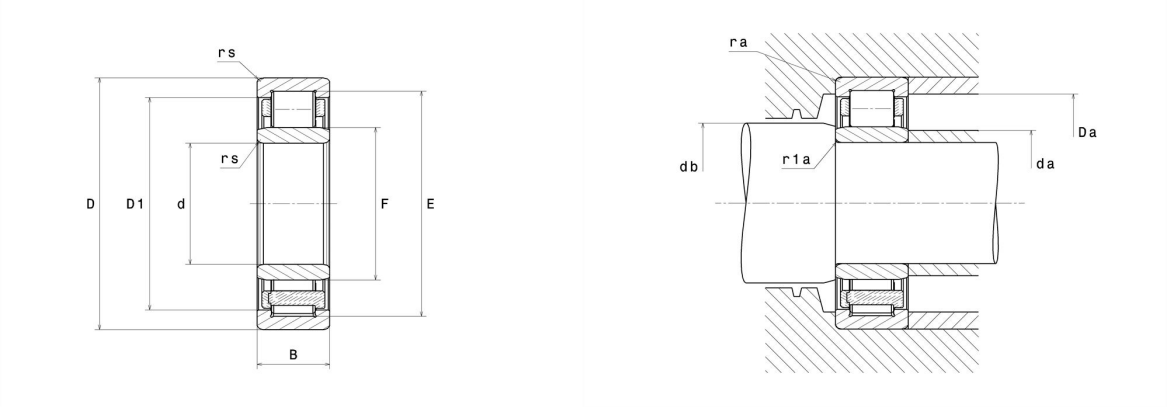
NU2308EG1

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	40 mm
D	90 mm
B	33 mm
E	80 mm
F	52 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	1.02 kg
Brand	NTN

Product performance

Dynamic load, C	114 kN
Static load, C0	122 kN
Fatigue limit load, Cu	14.9 kN
Nlim (oil)	7,500 Tr/min
Nlim (grease)	6,400 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.5 Hz
Characteristic outer ring frequency, BPF0	4.73 Hz
Characteristic inner ring frequency, BPFI	7.27 Hz

Abutment dimensions

da min	48 mm
da max	51 mm
db min	55 mm
Da max	82 mm
ra max	1.5 mm
r1a max	1.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr