Technical data

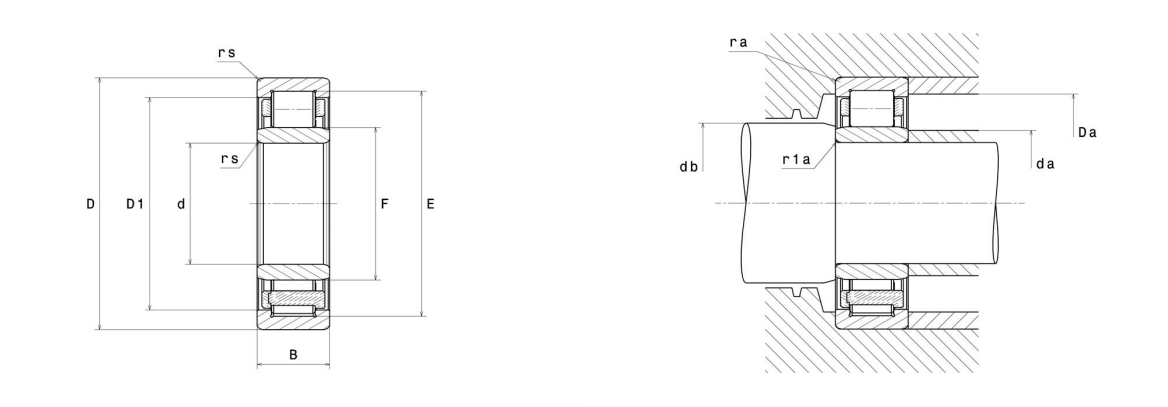
NU330EG1

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	150 mm
D	320 mm
B	65 mm
E	283 mm
F	193 mm
rs min	4 mm
r1s min	4 mm
Radial clearance class	CN
Mass (without HJ ring)	28.4 kg
Brand	NTN

Product performance

Dynamic load, C	760 kN
Static load, C0	920 kN
Fatigue limit load, Cu	86.8 kN
Nlim (oil)	2,300 Tr/min
Nlim (grease)	1,900 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	5.1 Hz
Characteristic outer ring frequency, BPF0	5.68 Hz
Characteristic inner ring frequency, BPFI	8.32 Hz

Abutment dimensions

da min	166 mm
da max	190 mm
db min	195 mm
Da max	304 mm
ra max	3 mm
r1a max	3 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr