Technical data

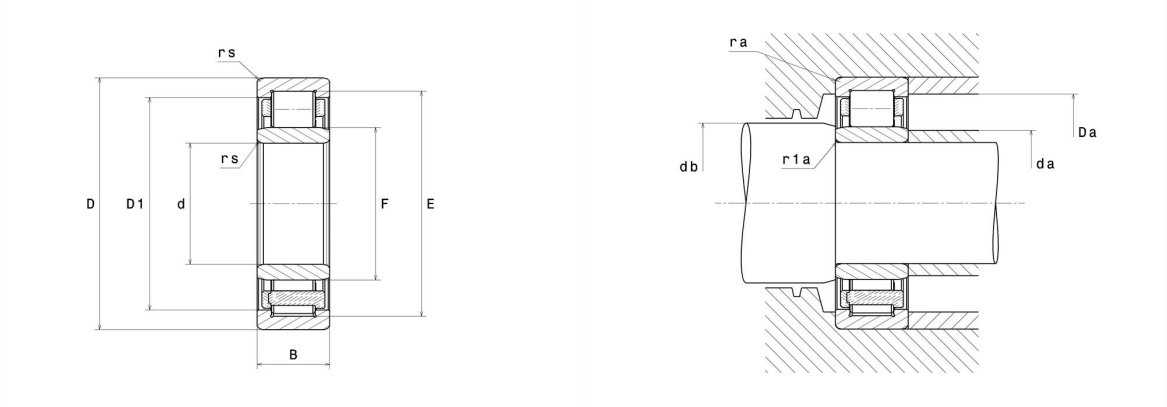
NU330C3

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	277 mm
F	193 mm
rs min	4 mm
r1s min	4 mm
Radial clearance class	C3
Mass (without HJ ring)	24.7 kg
Brand	NTN

Product performance

Dynamic load, C	665 kN
Static load, C0	805 kN
Fatigue limit load, Cu	76 kN
Nlim (oil)	2,500 Tr/min
Nlim (grease)	2,100 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.42 Hz
Characteristic outer ring frequency, BPF0	5.75 Hz
Characteristic inner ring frequency, BPFI	8.25 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