Technical data

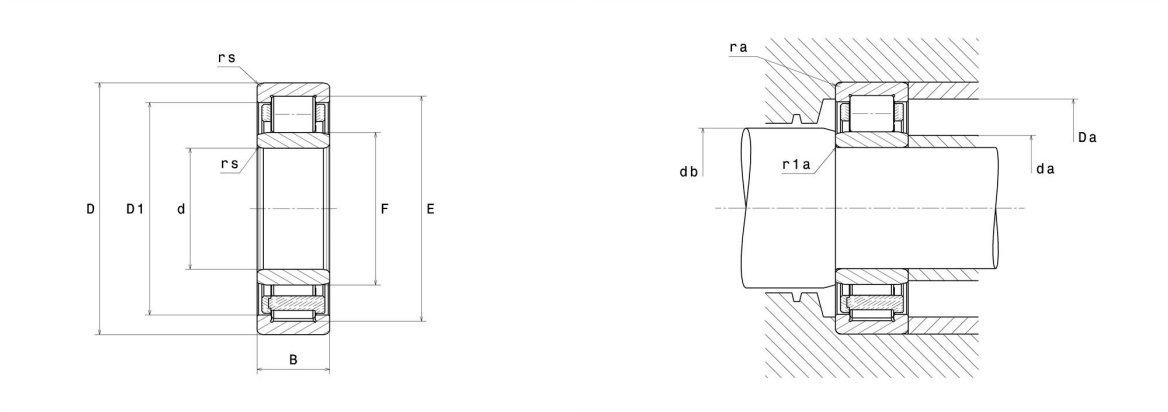
NU1015G1C3

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	75 mm
D	115 mm
B	20 mm
E	105 mm
F	85 mm
rs min	1.1 mm
r1s min	1 mm
Radial clearance class	C3
Mass (without HJ ring)	0.72 kg
Brand	NTN

Product performance

Dynamic load, C	60 kN
Static load, C0	74.5 kN
Fatigue limit load, Cu	9.1 kN
Nlim (oil)	7,100 Tr/min
Nlim (grease)	6,100 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.4 Hz
Characteristic outer ring frequency, BPF0	9.4 Hz
Characteristic inner ring frequency, BPFI	11.6 Hz

Abutment dimensions

da min	80 mm
da max	83 mm
db min	87 mm
Da max	108.5 mm
ra max	1 mm
r1a max	1 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr