Technical data

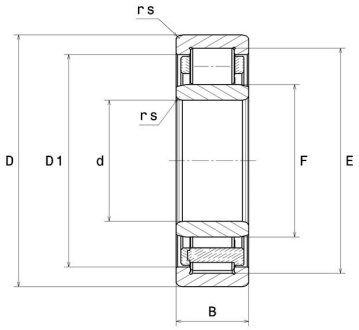
NU1013

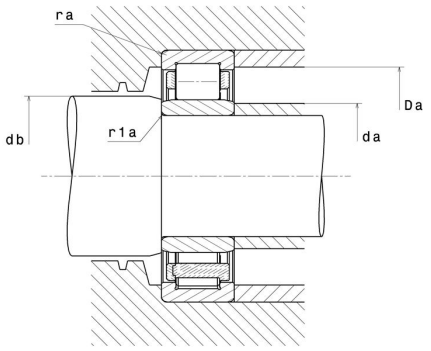
Single row cylindrical roller bearings



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

Visual(s)





Product definition

d	65 mm
D	100 mm
B	18 mm
E	90.5 mm
F	74.5 mm
rs min	1.1 mm
r1s min	1 mm
Radial clearance class	CN
Mass (without HJ ring)	0.51 kg
Brand	NTN

Product performance

Dynamic load, C	41 kN
Static load, C0	51 kN
Fatigue limit load, Cu	6.2 kN
Nlim (oil)	8,200 Tr/min
Nlim (grease)	7,000 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	10.22 Hz
Characteristic outer ring frequency, BPF0	10.38 Hz
Characteristic inner ring frequency, BPFI	12.62 Hz

Abutment dimensions

da min	70 mm
da max	73 mm
db min	76 mm
Da max	93.5 mm
ra max	1 mm
r1a max	1 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr