Technical data

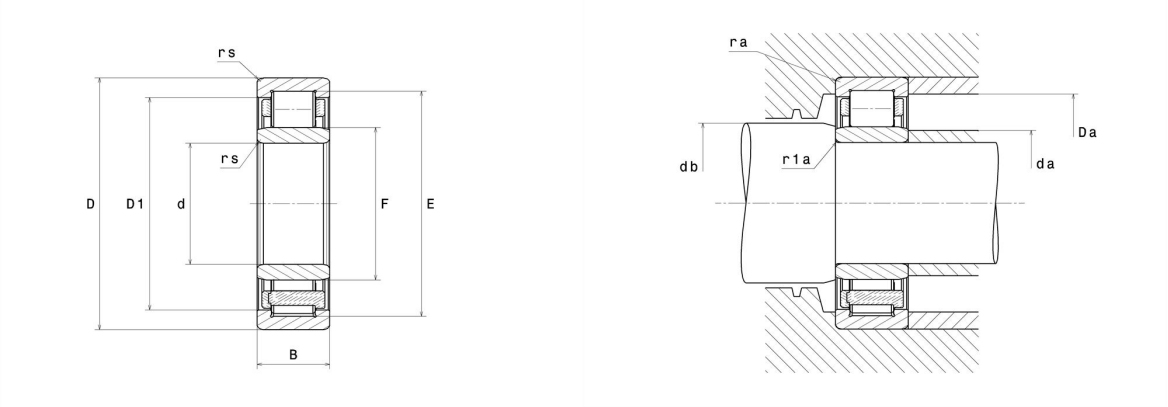
NU1030C3

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	150 mm
D	225 mm
B	35 mm
E	205.5 mm
F	169.5 mm
rs min	2.1 mm
r1s min	1.5 mm
Radial clearance class	C3
Mass (without HJ ring)	4.73 kg
Brand	NTN

Product performance

Dynamic load, C	202 kN
Static load, C0	294 kN
Fatigue limit load, Cu	29.7 kN
Nlim (oil)	3,500 Tr/min
Nlim (grease)	3,000 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	10.32 Hz
Characteristic outer ring frequency, BPF0	11.3 Hz
Characteristic inner ring frequency, BPFI	13.7 Hz

Abutment dimensions

da min	158 mm
da max	167 mm
db min	173 mm
Da max	214 mm
ra max	2 mm
r1a max	1.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr