Technical data

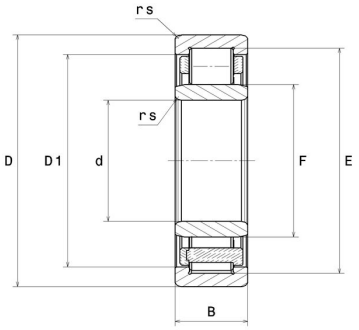
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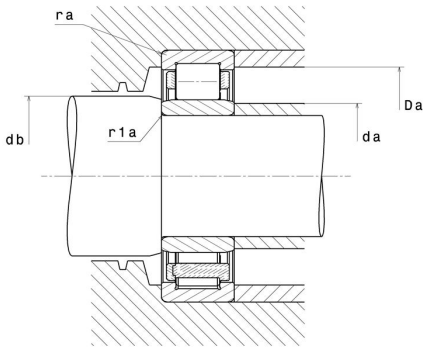
Single row cylindrical roller bearings



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

Visual(s)





Product definition

d	220 mm
D	400 mm
B	65 mm
E	350 mm
F	270 mm
rs min	4 mm
r1s min	4 mm
Radial clearance class	CN
Mass (without HJ ring)	37.7 kg
Brand	NTN

Product performance

Dynamic load, C	760 kN
Static load, C0	1,080 kN
Fatigue limit load, Cu	93.8 kN
Nlim (oil)	1,900 Tr/min
Nlim (grease)	1,600 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.62 Hz
Characteristic outer ring frequency, BPF0	8.27 Hz
Characteristic inner ring frequency, BPFI	10.73 Hz

Abutment dimensions

da min	236 mm
da max	266 mm
db min	273 mm
Da max	384 mm
ra max	3 mm
r1a max	3 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr