Technical data

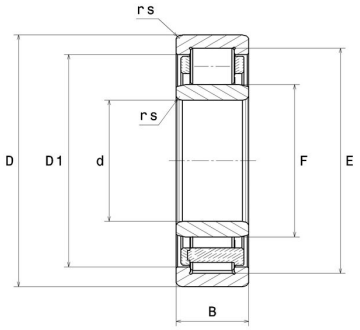
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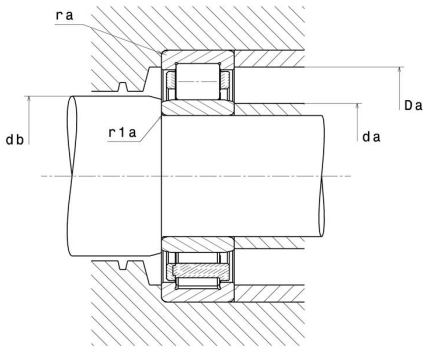
Single row cylindrical roller bearings



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

Visual(s)





Product definition

d	70 mm
D	110 mm
B	20 mm
E	100 mm
F	80 mm
rs min	1.1 mm
r1s min	1 mm
Radial clearance class	CN
Mass (without HJ ring)	0.73 kg
Brand	NTN

Product performance

Dynamic load, C	58.5 kN
Static load, C0	70.5 kN
Fatigue limit load, Cu	8.6 kN
Nlim (oil)	7,600 Tr/min
Nlim (grease)	6,500 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	8.89 Hz
Characteristic outer ring frequency, BPF0	8.89 Hz
Characteristic inner ring frequency, BPFI	11.11 Hz

Abutment dimensions

da min	75 mm
da max	78 mm
db min	82 mm
Da max	103.5 mm
ra max	1 mm
r1a max	1 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr