Technical datasheet

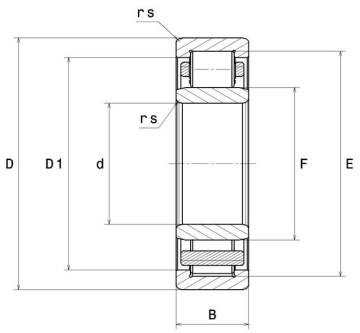
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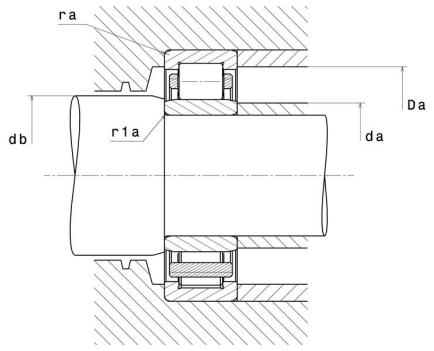
Single row cylindrical roller bearings

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

ULTAGE

Visual(s)





Product definition

d	60 mm
D	110 mm
B	28 mm
E	100 mm
F	72 mm
rs min	1.5 mm
Radial clearance class	C3
Mass (without HJ ring)	1.07 kg
Brand	NTN

Product performance

Dynamic load, C	155 kN
Static load, C0	157 kN
Nlim (oil)	7,300 Tr/min
Nlim (grease)	5,200 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.98 Hz
Characteristic outer ring frequency, BPF0	6.7 Hz
Characteristic inner ring frequency, BPFI	9.3 Hz

Abutment dimensions

da min	68 mm
da max	71 mm
db min	75 mm
Da max	102 mm
ra max	1.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr