Technical datasheet

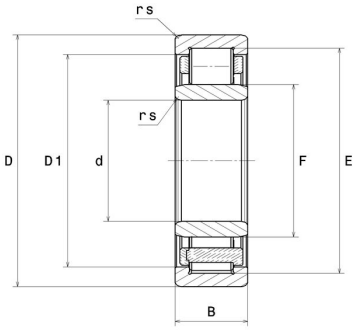
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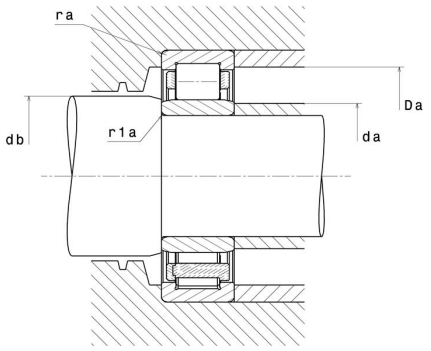
Single row cylindrical roller bearings

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



Visual(s)





Product definition

d	95 mm
D	200 mm
B	45 mm
E	177.5 mm
F	121.5 mm
D1	167 mm
rs min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	6.58 kg
Brand	NTN

Product performance

Dynamic load, C	335 kN
Static load, C0	385 kN
Nlim (oil)	3,600 rpm
Nlim (grease)	3,100 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.15 Hz
Characteristic outer ring frequency, BPF0	5.69 Hz
Characteristic inner ring frequency, BPFI	8.31 Hz

Abutment dimensions

da min	108 mm
da max	119 mm
db min	124 mm
Da max	187 mm
ra max	2.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr