Technical data

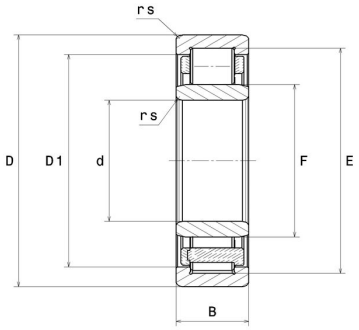
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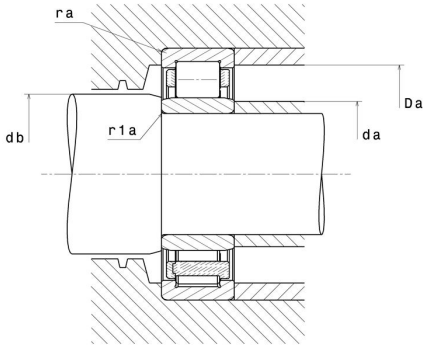
Single row cylindrical roller bearings

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



Visual(s)





Product definition

d	190 mm
D	340 mm
B	55 mm
E	306 mm
F	230 mm
rs min	4 mm
r1s min	4 mm
Radial clearance class	C3
Mass (without HJ ring)	24.2 kg
Brand	NTN

Product performance

Dynamic load, C	695 kN
Static load, C0	955 kN
Fatigue limit load, Cu	86.9 kN
Nlim (oil)	2,000 Tr/min
Nlim (grease)	1,700 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.91 Hz
Characteristic outer ring frequency, BPF0	8.15 Hz
Characteristic inner ring frequency, BPFI	10.85 Hz

Abutment dimensions

da min	206 mm
da max	227 mm
db min	234 mm
Da max	324 mm
ra max	3 mm
r1a max	3 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr