Technical data

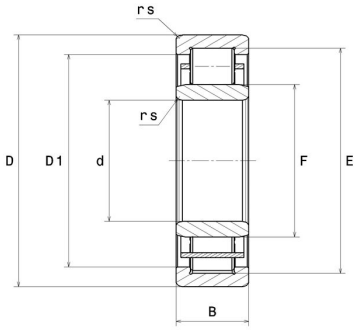
NU2311C3

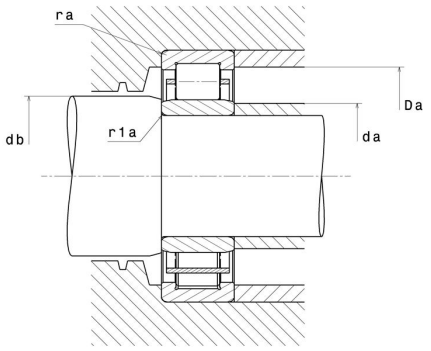
Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, pressed steel cage



Visual(s)





Product definition

d	55 mm
D	120 mm
B	43 mm
E	104.5 mm
F	70.5 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	C3
Mass (without HJ ring)	2.16 kg
Brand	NTN

Product performance

Dynamic load, C	148 kN
Static load, C0	162 kN
Fatigue limit load, Cu	19.8 kN
Nlim (oil)	6,100 Tr/min
Nlim (grease)	5,200 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.95 Hz
Characteristic outer ring frequency, BPF0	4.83 Hz
Characteristic inner ring frequency, BPFI	7.17 Hz

Abutment dimensions

da min	64 mm
da max	69 mm
db min	72 mm
Da max	111 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr