Technical data

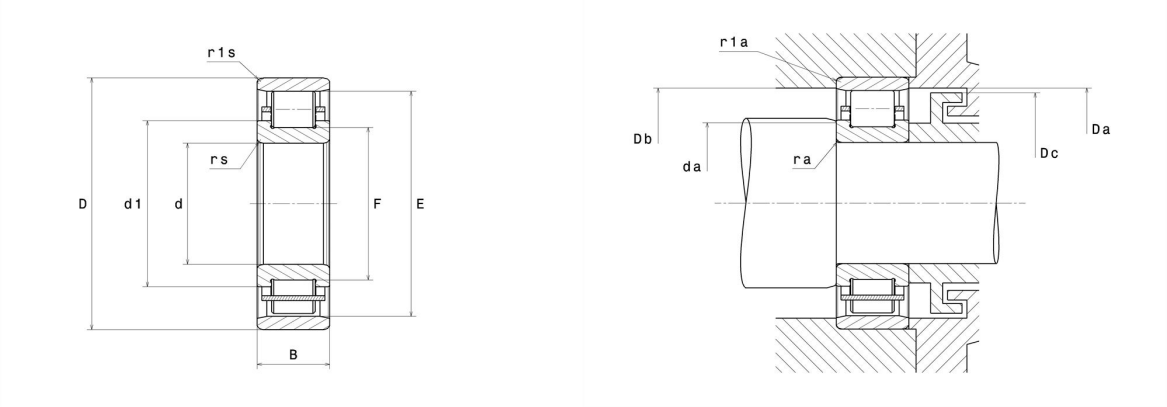
N315C3

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	75 mm
D	160 mm
B	37 mm
E	139.5 mm
F	95.5 mm
d1	104.2 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	C3
Mass (without HJ ring)	3.34 kg
Brand	NTN

Product performance

Dynamic load, C	190 kN
Static load, C0	205 kN
Fatigue limit load, Cu	23.8 kN
Nlim (oil)	5,200 Tr/min
Nlim (grease)	4,400 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	86 mm
Da max	149 mm
Db min	142 mm
Dc max	138 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr