Technical data

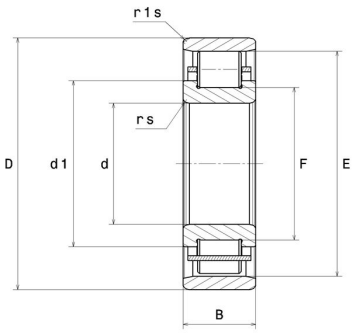
N316

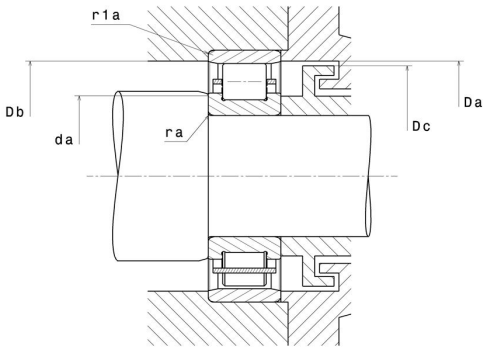
Single row cylindrical roller bearings

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



Visual(s)





Product definition

d	80 mm
D	170 mm
B	39 mm
E	147 mm
F	103 mm
d1	111.8 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	3.83 kg
Brand	NTN

Product performance

Dynamic load, C	190 kN
Static load, C0	207 kN
Fatigue limit load, Cu	23.6 kN
Nlim (oil)	4,800 Tr/min
Nlim (grease)	4,100 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	91 mm
Da max	159 mm
Db min	151 mm
Dc max	145 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr