Technical data

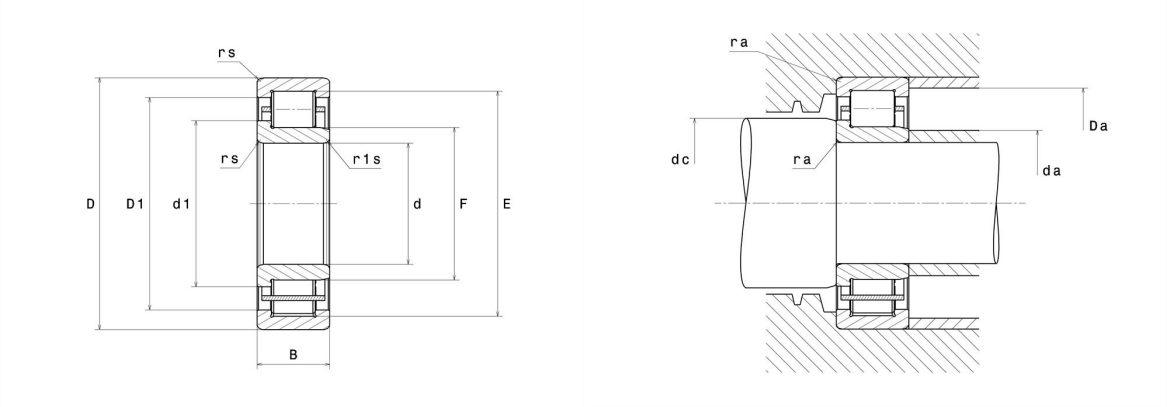
NJ317

Single row cylindrical roller bearings



Single row cylindrical roller bearing, single direction for axial loads, separable, pressed steel cage.

Visual(s)



Product definition

d	85 mm
D	180 mm
B	41 mm
E	156 mm
F	108 mm
d1	117.5 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	4.54 kg
Brand	NTN

Product performance

Dynamic load, C	212 kN
Static load, C0	228 kN
Fatigue limit load, Cu	25.6 kN
Nlim (oil)	4,600 Tr/min
Nlim (grease)	3,900 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	98 mm
da max	106 mm
dc min	119 mm
Da max	167 mm
ra max	2.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr