Technical data

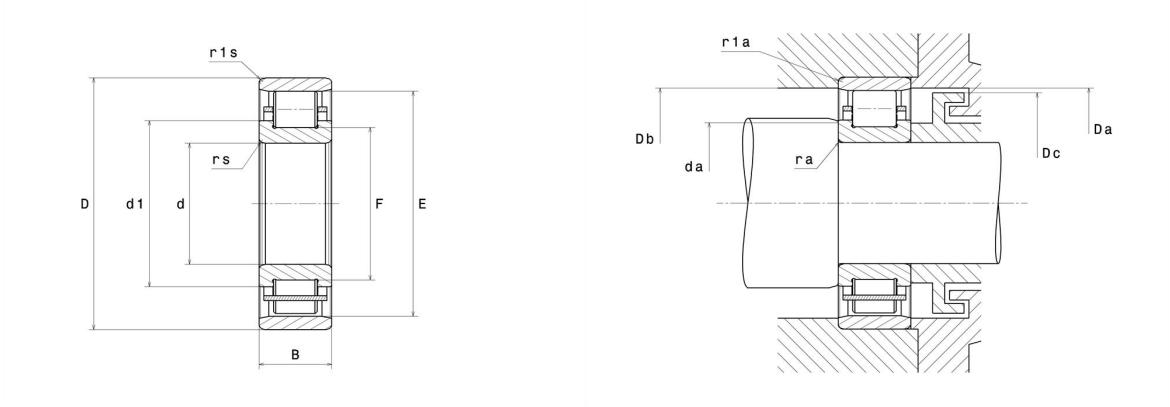
N317

Single row cylindrical roller bearings



Single row cylindrical roller bearing, floating, 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)	4.66 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	167 mm
Db min	158 mm
Dc max	154 mm
ra max	2.5 mm
r1a max	2.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr