Technical data

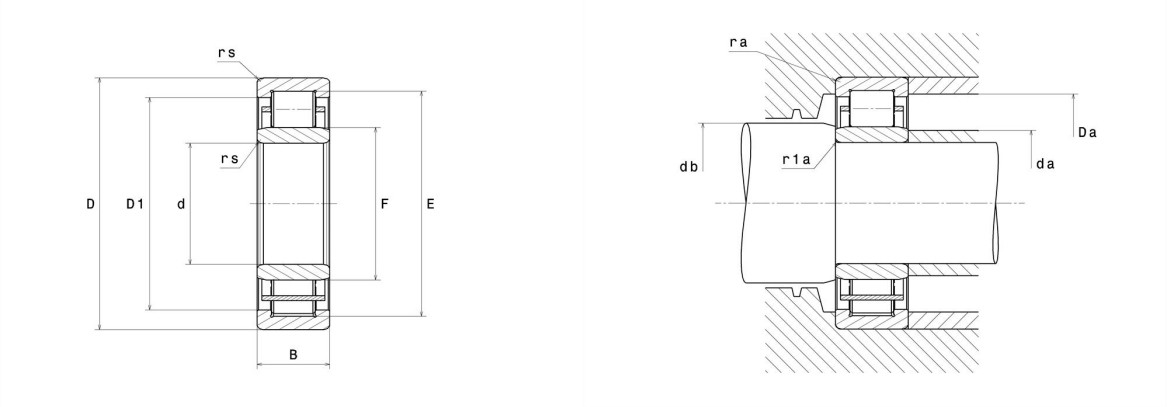
NU317C3

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
rs min	3 mm
r1s min	3 mm
Radial clearance class	C3
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	106 mm
db min	110 mm
Da max	167 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