Technical datasheet

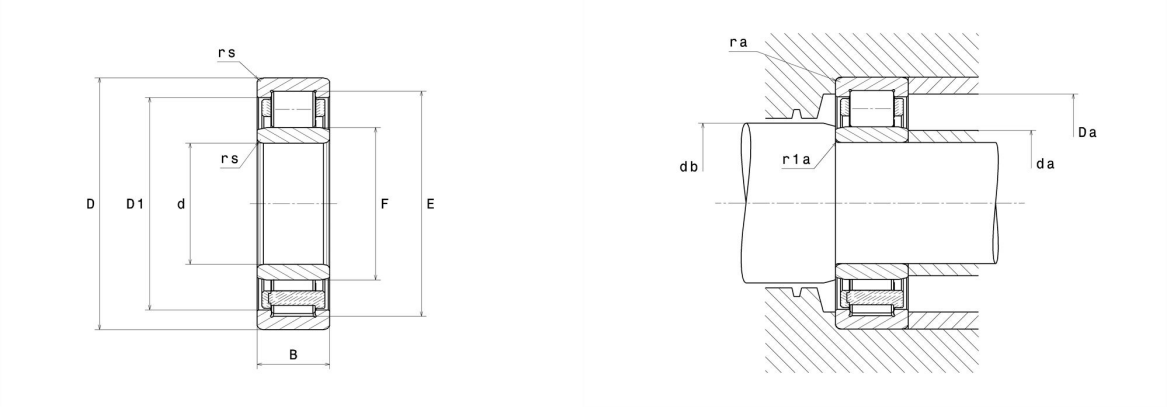
NU234C3

Single row cylindrical roller bearings

Single row cylindrical roller bearing, floating, separable, brass cage



Visual(s)



Product definition

d	170 mm
D	310 mm
B	52 mm
E	272 mm
F	208 mm
rs min	4 mm
r1s min	4 mm
Radial clearance class	C3
Mass (without HJ ring)	16.7 kg
Brand	NTN

Product performance

Dynamic load, C	475 kN
Static load, C0	635 kN
Fatigue limit load, Cu	59.6 kN
Nlim (oil)	2,500 rpm
Nlim (grease)	2,200 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	186 mm
da max	204 mm
db min	211 mm
Da max	294 mm
ra max	3 mm
r1a max	3 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr