



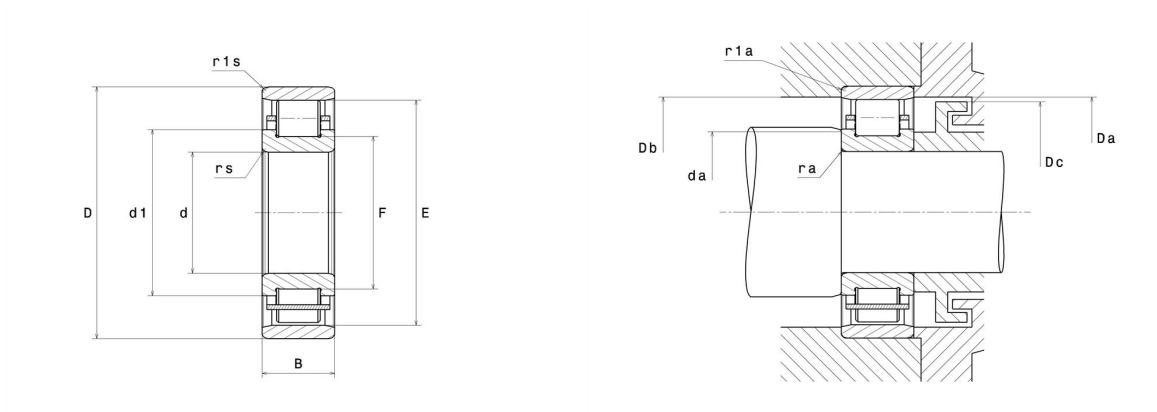
Technical datasheet

N222C3

Single row cylindrical roller bearings

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

Visual(s)



Product definition

d	110 mm
D	200 mm
B	38 mm
E	178.5 mm
F	132.5 mm
d1	141.5 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	C3
Mass (without HJ ring)	4.64 kg
Brand	NTN

Product performance

Dynamic load, C	240 kN
Static load, C0	290 kN
Fatigue limit load, Cu	31 kN
Nlim (oil)	4,000 rpm
Nlim (grease)	3,400 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	121 mm
Da max	189 mm
Db min	181 mm
Dc max	176 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$Po = Fr$$