



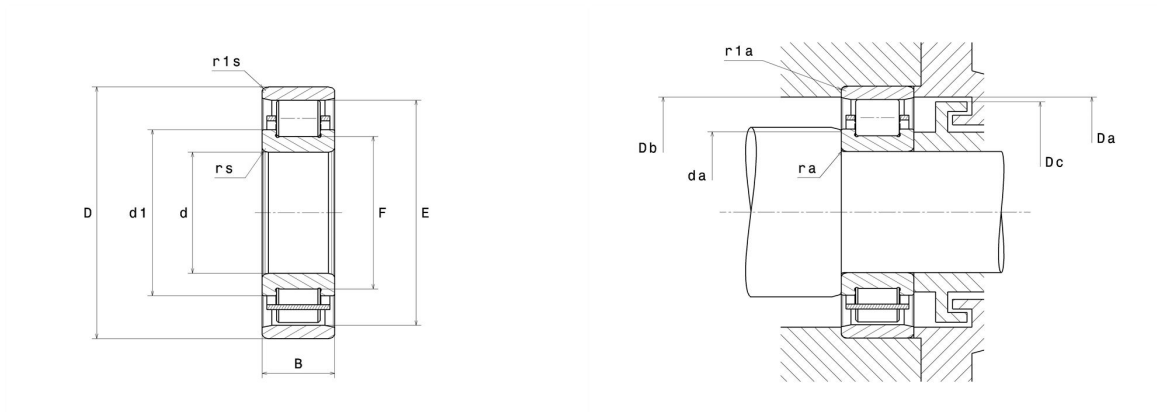
Technical datasheet

N212C3

Single row cylindrical roller bearings

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

Visual(s)



Product definition

d	60 mm
D	110 mm
B	22 mm
E	97.5 mm
F	73.5 mm
d1	78.4 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	C3
Mass (without HJ ring)	0.81 kg
Brand	NTN

Product performance

Dynamic load, C	68.5 kN
Static load, C0	75 kN
Fatigue limit load, Cu	9.1 kN
Nlim (oil)	7,600 rpm
Nlim (grease)	6,400 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	68 mm
Da max	102 mm
Db min	100 mm
Dc max	96 mm
ra max	1.5 mm
r1a max	1.5 mm

Calculation factors

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$