



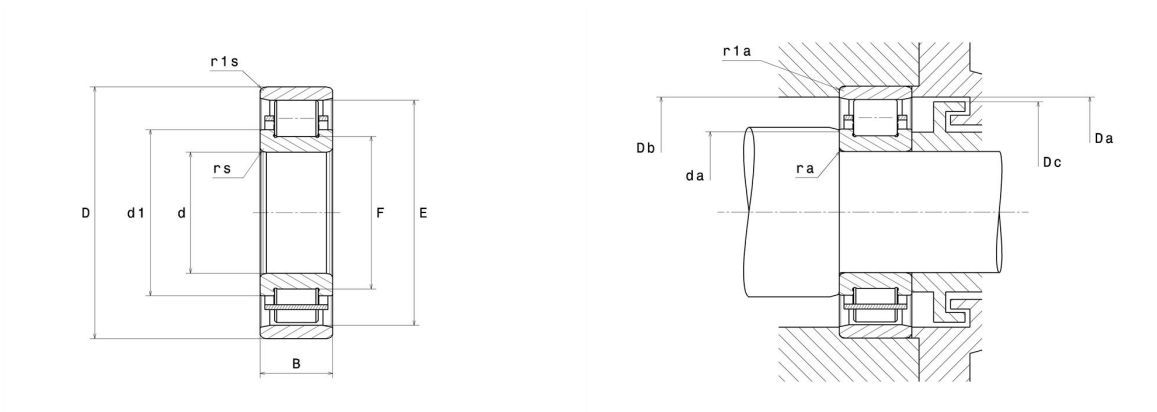
Technical datasheet

N211

Single row cylindrical roller bearings

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

Visual(s)



Product definition

d	55 mm
D	100 mm
B	21 mm
E	88.5 mm
F	66.5 mm
d1	70.8 mm
rs min	1.5 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass (without HJ ring)	0.65 kg
Brand	NTN

Product performance

Dynamic load, C	58 kN
Static load, C0	62.5 kN
Fatigue limit load, Cu	7.6 kN
Nlim (oil)	8,200 rpm
Nlim (grease)	6,900 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	63 mm
Da max	93.5 mm
Db min	90 mm
Dc max	87 mm
ra max	1.5 mm
r1a max	1 mm

Calculation factors

Equivalent dynamic radial load

$$P = F_r$$

Equivalent static radial load

$$P_0 = F_r$$