Technical datasheet

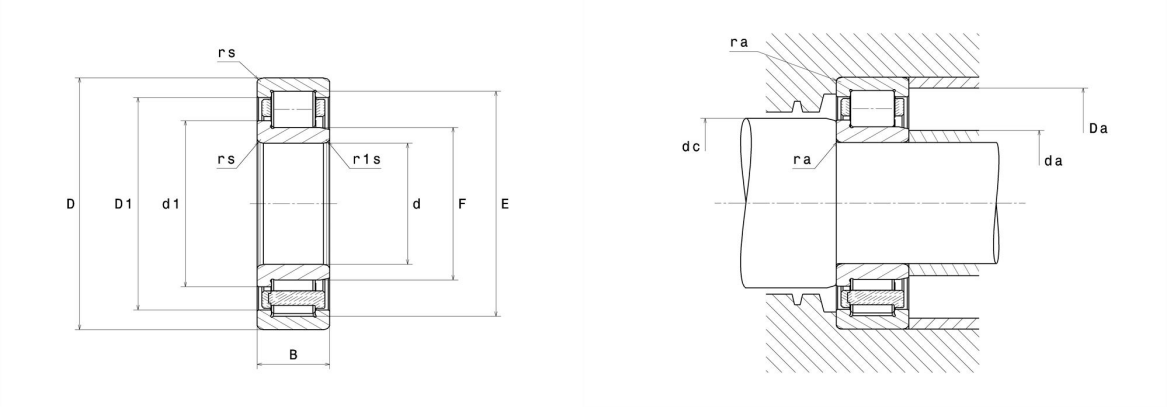
NJ222G1C3

Single row cylindrical roller bearings



Single row cylindrical roller bearing, single direction for axial loads, separable, brass 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)	5.09 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	130 mm
dc min	144 mm
Da max	189 mm
ra max	2 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr