Technical datasheet

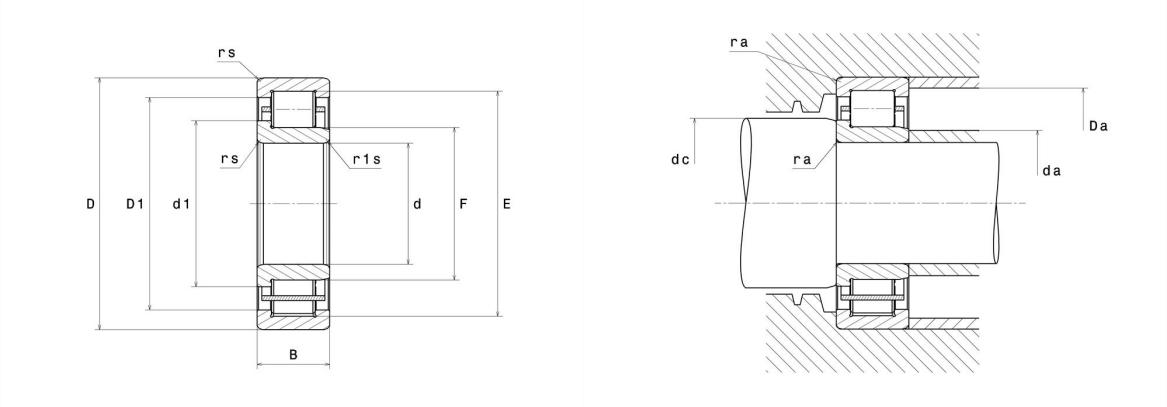
NJ219C3

Single row cylindrical roller bearings



Single row cylindrical roller bearing, single direction for axial loads, separable, pressed steel cage.

Visual(s)



Product definition

d	95 mm
D	170 mm
B	32 mm
E	151.5 mm
F	113.5 mm
d1	121 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	C3
Mass (without HJ ring)	2.87 kg
Brand	NTN

Product performance

Dynamic load, C	166 kN
Static load, C0	195 kN
Fatigue limit load, Cu	21.9 kN
Nlim (oil)	4,700 rpm
Nlim (grease)	4,000 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	106 mm
da max	111 mm
dc min	123 mm
Da max	159 mm
ra max	2 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr