Technical datasheet

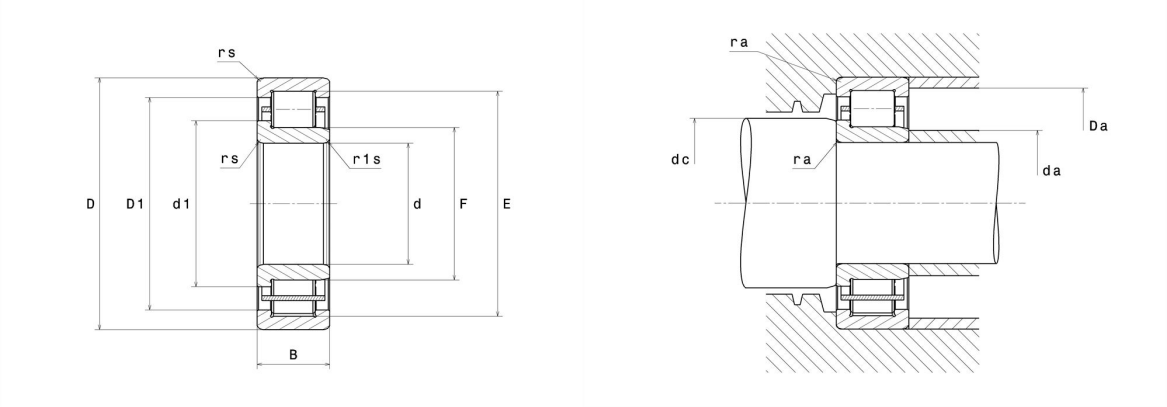
NJ2218C3

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	90 mm
D	160 mm
B	40 mm
E	143 mm
F	107 mm
d1	114.2 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	C3
Mass (without HJ ring)	3.17 kg
Brand	NTN

Product performance

Dynamic load, C	197 kN
Static load, C0	248 kN
Fatigue limit load, Cu	28.3 kN
Nlim (oil)	4,600 rpm
Nlim (grease)	3,900 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	99 mm
da max	105 mm
dc min	116 mm
Da max	151 mm
ra max	2 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr