Technical data

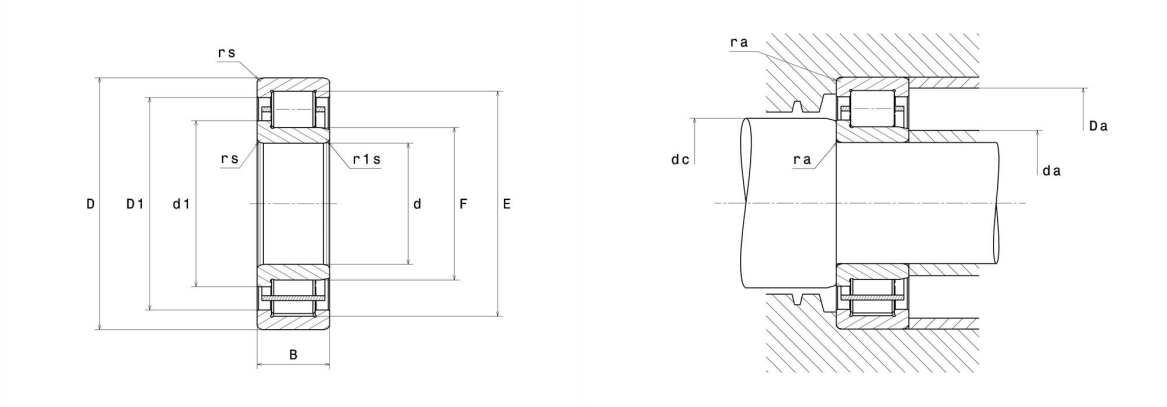
NJ318

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	190 mm
B	43 mm
E	165 mm
F	115 mm
d1	125 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	5.3 kg
Brand	NTN

Product performance

Dynamic load, C	240 kN
Static load, C0	265 kN
Fatigue limit load, Cu	29.2 kN
Nlim (oil)	4,300 Tr/min
Nlim (grease)	3,700 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	103 mm
da max	111 mm
dc min	127 mm
Da max	177 mm
ra max	2.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr