Technical data

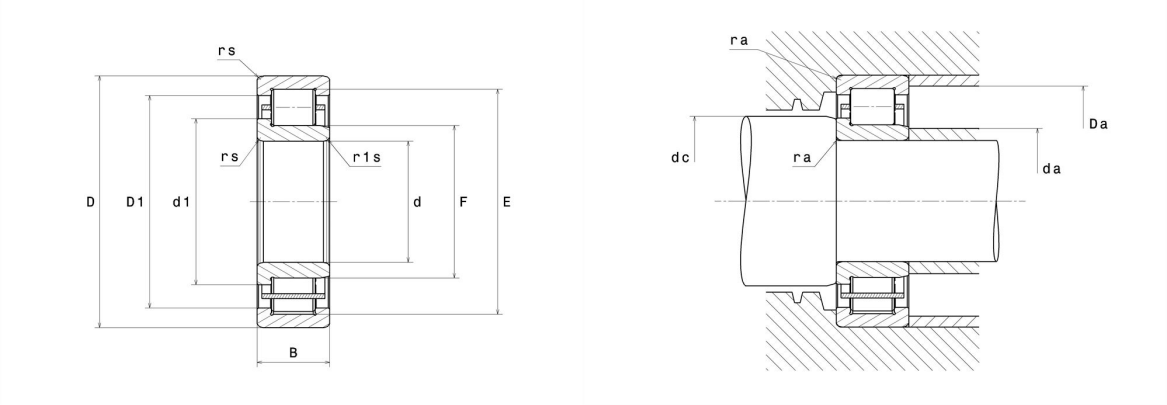
NJ407

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	35 mm
D	100 mm
B	25 mm
E	83 mm
F	53 mm
d1	59 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	1.04 kg
Brand	NTN

Product performance

Dynamic load, C	75.5 kN
Static load, C0	69 kN
Fatigue limit load, Cu	8.4 kN
Nlim (oil)	7,500 Tr/min
Nlim (grease)	6,400 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	43 mm
da max	52 mm
dc min	61 mm
Da max	92 mm
ra max	1.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr