Technical datasheet

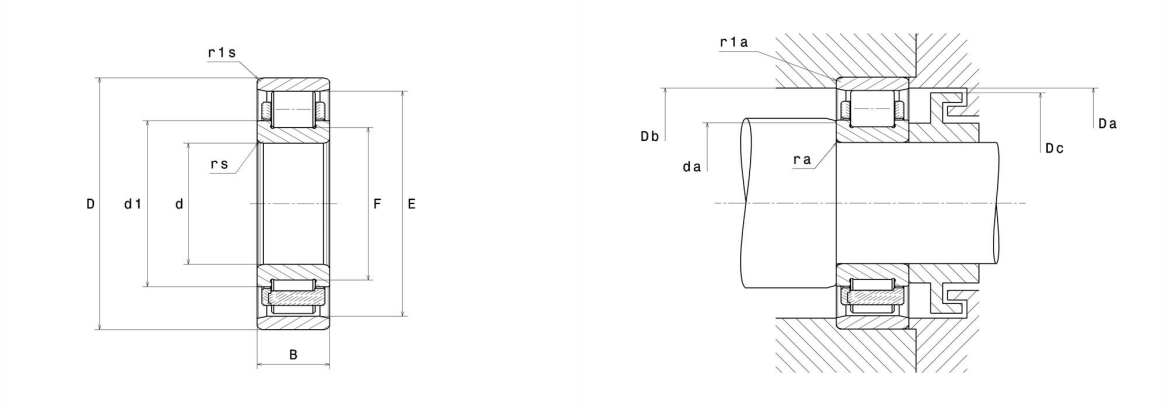
N324G1

Single row cylindrical roller bearings



Single row cylindrical roller bearing, floating, separable, brass cage

Visual(s)



Product definition

d	120 mm
D	260 mm
B	55 mm
E	226 mm
F	154 mm
d1	168.5 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	12.5 kg
Brand	NTN

Product performance

Dynamic load, C	450 kN
Static load, C0	510 kN
Fatigue limit load, Cu	51.3 kN
Nlim (oil)	3,200 rpm
Nlim (grease)	2,700 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	133 mm
Da max	247 mm
Db min	230 mm
Dc max	224 mm
ra max	2.5 mm
r1a max	2.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr