Technical datasheet

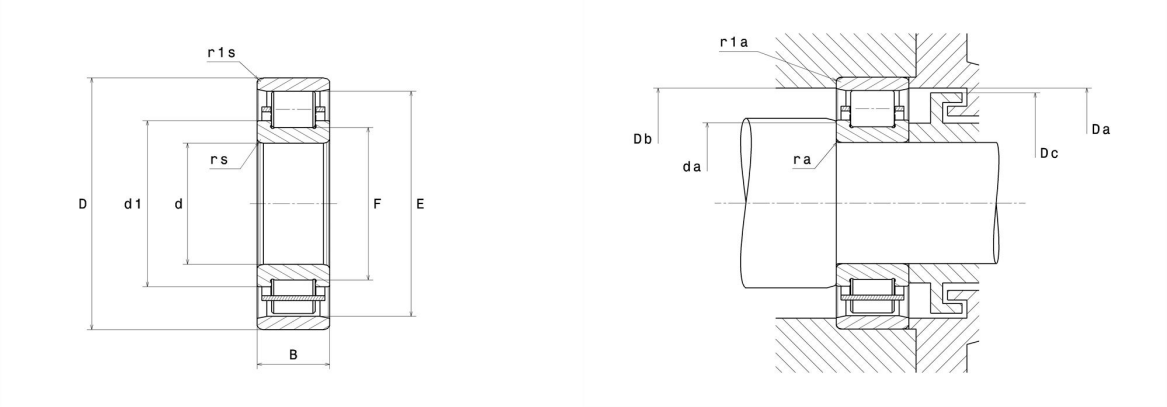
N216C3

Single row cylindrical roller bearings



Single row cylindrical roller bearing, floating, separable, pressed steel cage

Visual(s)



Product definition

d	80 mm
D	140 mm
B	26 mm
E	125.3 mm
F	95.3 mm
d1	101.2 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	C3
Mass (without HJ ring)	1.46 kg
Brand	NTN

Product performance

Dynamic load, C	106 kN
Static load, C0	122 kN
Fatigue limit load, Cu	14.5 kN
Nlim (oil)	5,700 rpm
Nlim (grease)	4,800 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	89 mm
Da max	131 mm
Db min	126.6 mm
Dc max	123.6 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr