Technical data

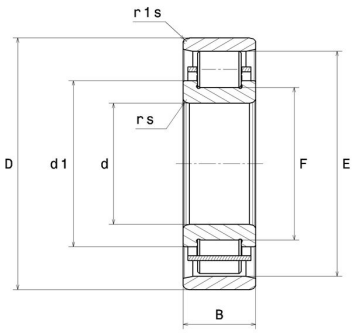
N214

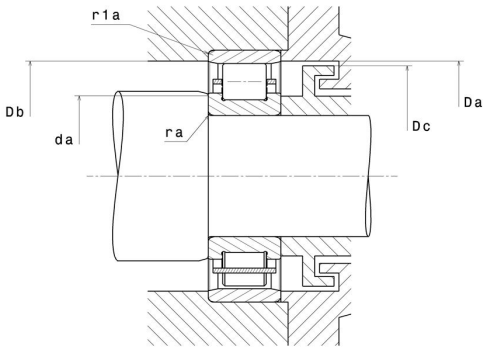
Single row cylindrical roller bearings

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



Visual(s)





Product definition

d	70 mm
D	125 mm
B	24 mm
E	110.5 mm
F	84.5 mm
d1	89.6 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	1.2 kg
Brand	NTN

Product performance

Dynamic load, C	83.5 kN
Static load, C0	95 kN
Fatigue limit load, Cu	11.6 kN
Nlim (oil)	6,500 Tr/min
Nlim (grease)	5,500 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Abutment dimensions

da min	78 mm
Da max	117 mm
Db min	113 mm
Dc max	109 mm
ra max	1.5 mm
r1a max	1.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr