Technical data

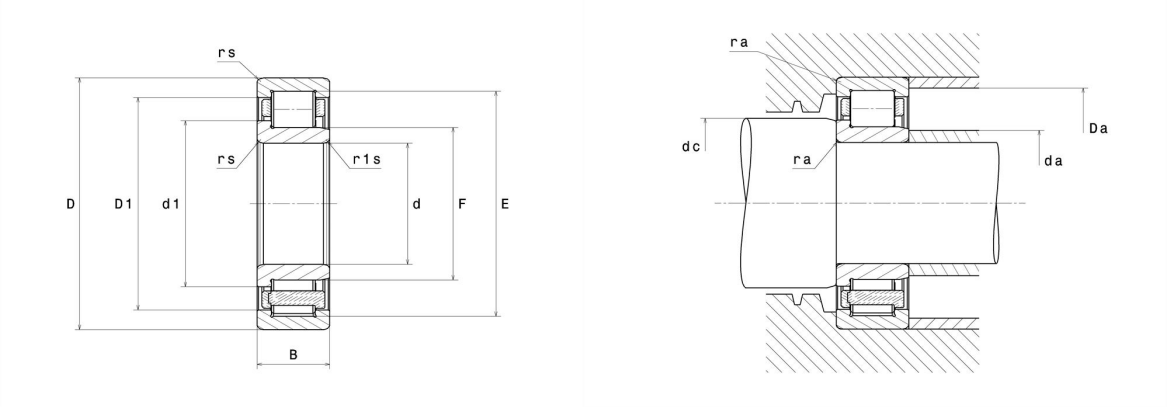
NJ2320EG1C3

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	100 mm
D	215 mm
B	73 mm
E	191.5 mm
F	127.5 mm
d1	140.3 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	C3
Mass (without HJ ring)	11.7 kg
Brand	NTN

Product performance

Dynamic load, C	570 kN
Static load, C0	715 kN
Fatigue limit load, Cu	75.7 kN
Nlim (oil)	3,100 Tr/min
Nlim (grease)	2,600 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.78 Hz
Characteristic outer ring frequency, BPF0	5.2 Hz
Characteristic inner ring frequency, BPFI	7.8 Hz

Abutment dimensions

da min	118 mm
da max	125 mm
dc min	143 mm
Da max	202 mm
ra max	2.5 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$