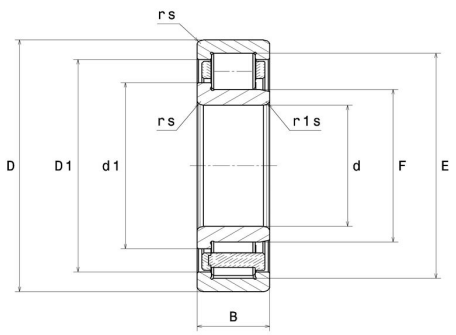
Technical datasheet

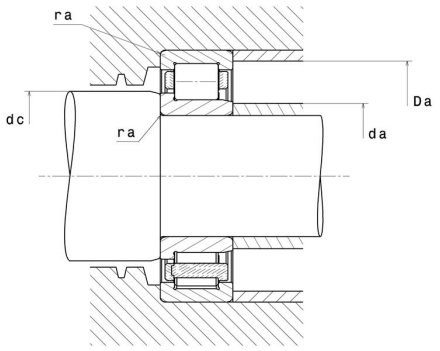
NJ2213EG1

Single row cylindrical roller bearings

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

Visual(s)





Product definition

d	65 mm
D	120 mm
B	31 mm
E	108.5 mm
F	78.5 mm
d1	84.5 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	1.48 kg
Brand	NTN

Product performance

Dynamic load, C	149 kN
Static load, C0	181 kN
Fatigue limit load, Cu	22.1 kN
Nlim (oil)	5,600 rpm
Nlim (grease)	4,800 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.07 Hz
Characteristic outer ring frequency, BPF0	6.72 Hz
Characteristic inner ring frequency, BPFI	9.28 Hz

Abutment dimensions

da min	73 mm
da max	77 mm
dc min	87 mm
Da max	112 mm
ra max	1.5 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$