Technical datasheet

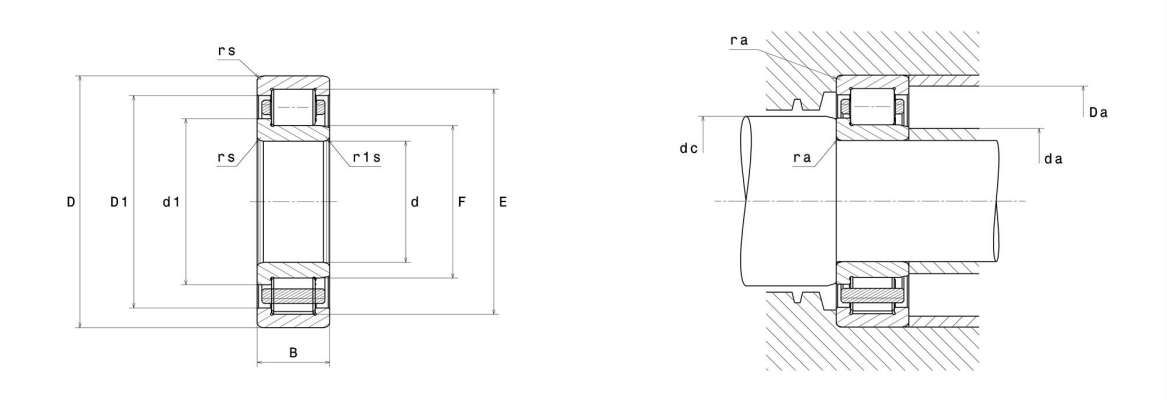
NJ.213.E.G15

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	65 mm
D	120 mm
B	23 mm
E	108.5 mm
F	78.5 mm
d1	84.4 mm
D1	104.3 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	1.05 kg
Brand	SNR

Product performance

Dynamic load, C	107 kN
Static load, C0	119 kN
Fatigue limit load, Cu	14.5 kN
Nref	5,000 rpm
Nlim	6,900 rpm
Min operating temperature, Tmin	-20 °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
db min	81 mm
dc min	87 mm
Da max	112 mm
ra max	1.5 mm
r1a max	1.5 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$