Technical datasheet

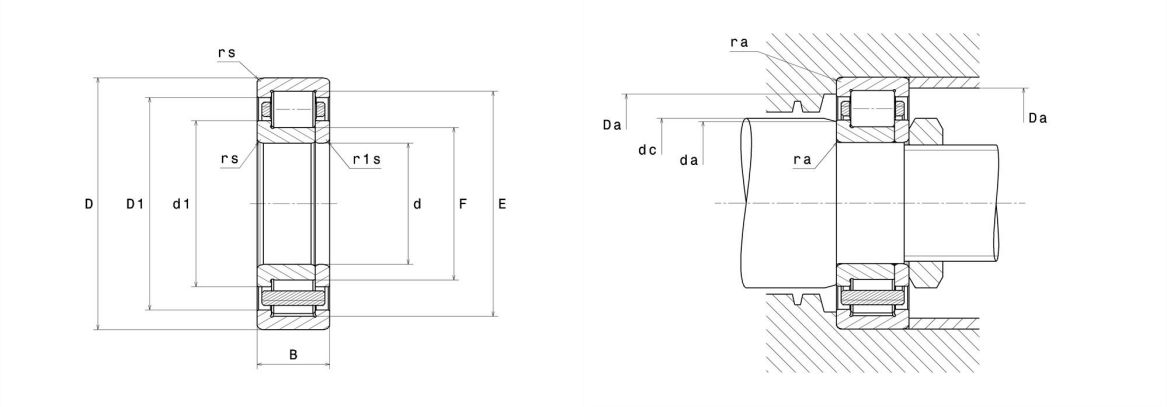
NUP.312.E.G15

Single row cylindrical roller bearings



Single row cylindrical roller bearing, locating, separable, polyamide cage

Visual(s)



Product definition

d	60 mm
D	130 mm
B	31 mm
E	115 mm
F	77 mm
d1	84.3 mm
D1	109.6 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	1.93 kg
Brand	SNR

Product performance

Dynamic load, C	151 kN
Static load, C0	159 kN
Fatigue limit load, Cu	19.4 kN
Nref	5,000 rpm
Nlim	6,500 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.86 Hz
Characteristic outer ring frequency, BPF0	5.21 Hz
Characteristic inner ring frequency, BPFI	7.79 Hz

Abutment dimensions

da min	71 mm
dc min	86 mm
Da max	119 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$