Technical datasheet

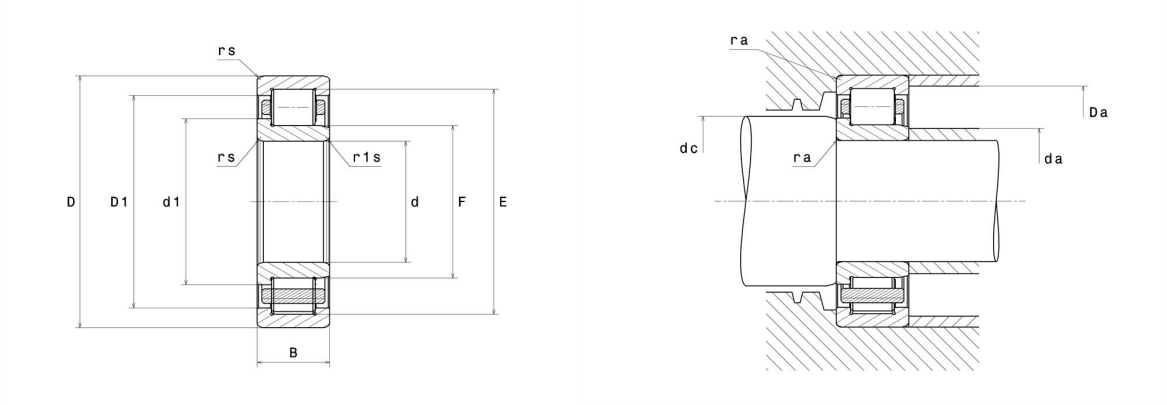
NJ.313.EG15

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	140 mm
B	33 mm
E	124.5 mm
F	82.5 mm
d1	90.5 mm
D1	118.6 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	2.32 kg
Brand	SNR

Product performance

Dynamic load, C	182 kN
Static load, C0	193 kN
Fatigue limit load, Cu	23.3 kN
Nref	4,600 rpm
Nlim	6,000 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	4.73 Hz
Characteristic outer ring frequency, BPF0	5.18 Hz
Characteristic inner ring frequency, BPFI	7.82 Hz

Abutment dimensions

da min	76 mm
da max	81 mm
db min	85 mm
dc min	93 mm
Da max	129 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$