Technical data

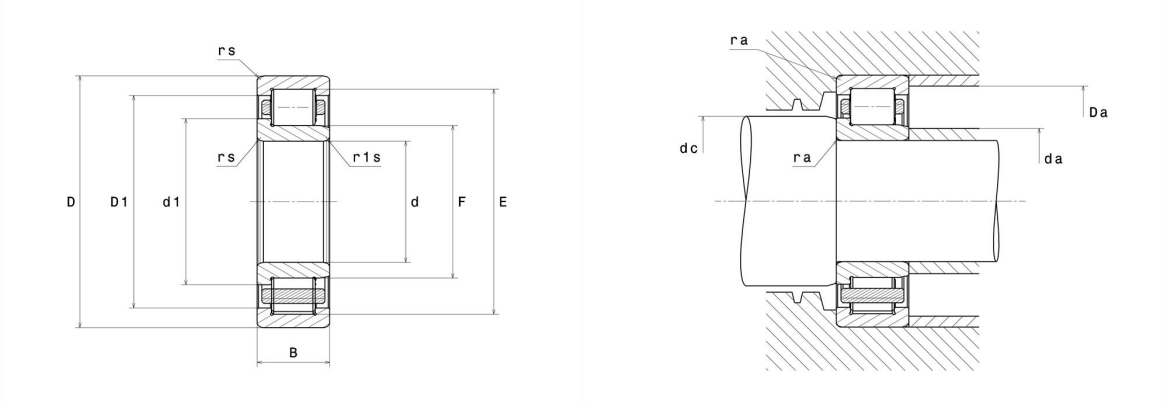
NJ.322.E.G15

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	110 mm
D	240 mm
B	50 mm
E	211 mm
F	143 mm
d1	155.6 mm
D1	200.9 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	10.7 kg
Brand	SNR

Product performance

Dynamic load, C	437 kN
Static load, C0	503 kN
Fatigue limit load, Cu	51.7 kN
Nref	2,800 Tr/min
Nlim	3,400 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	5.01 Hz
Characteristic outer ring frequency, BPF0	5.25 Hz
Characteristic inner ring frequency, BPFI	7.75 Hz

Abutment dimensions

da min	123 mm
da max	140 mm
db min	145 mm
dc min	158 mm
Da max	227 mm
ra max	2.5 mm
r1a max	2.5 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$