Technical datasheet

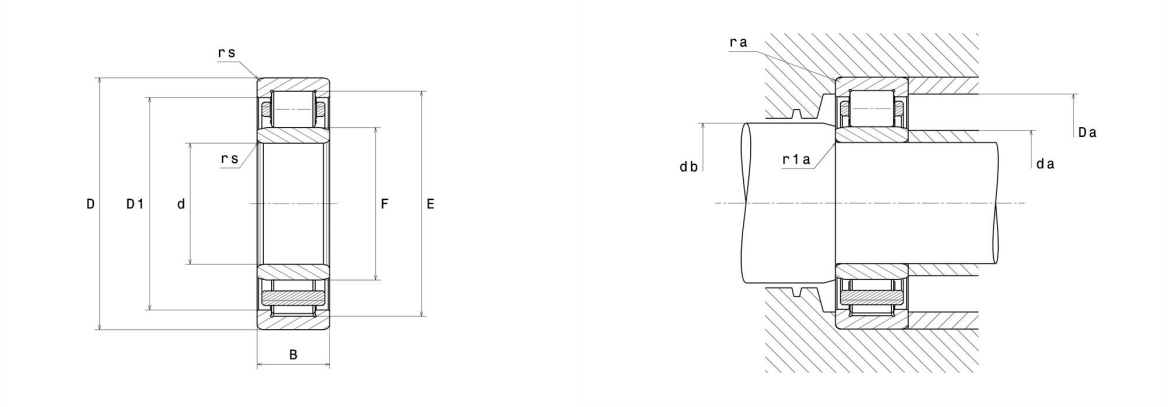
NU211EG15J40

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	55 mm
D	100 mm
B	21 mm
E	90 mm
F	66 mm
D1	86.6 mm
rs min	1.5 mm
r1s min	1.1 mm
Radial clearance class	C4
Mass (without HJ ring)	0.66 kg
Brand	SNR

Product performance

Dynamic load, C	83.1 kN
Static load, C0	94.2 kN
Fatigue limit load, Cu	11.5 kN
Nref	5,800 rpm
Nlim	8,300 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	6.35 Hz
Characteristic outer ring frequency, BPF0	7.19 Hz
Characteristic inner ring frequency, BPFI	9.81 Hz

Abutment dimensions

da min	61.5 mm
da max	65 mm
Da max	92 mm
ra max	1.5 mm
r1a max	1 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$