# Technical datasheet

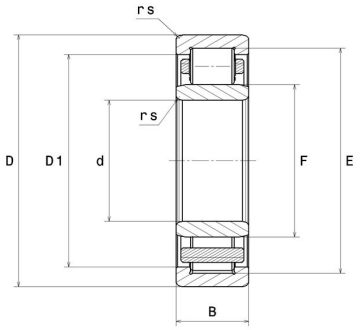
## NU.2210.E.G15

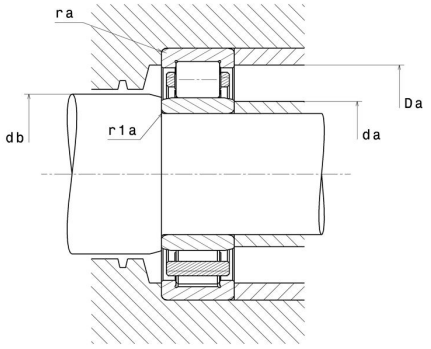
Single row cylindrical roller bearings

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



## Visual(s)




## Product definition

| | |
|---|---|
| **d** | 50 mm |
| **D** | 90 mm |
| **B** | 23 mm |
| **E** | 81.5 mm |
| **F** | 59.5 mm |
| **D1** | 78.3 mm |
| **rs min** | 1.1 mm |
| **r1s min** | 1.1 mm |
| **Radial clearance class** | CN |
| **Mass (without HJ ring)** | 0.58 kg |
| **Brand** | SNR |

## Product performance

| | |
|---|---|
| **Dynamic load, C** | 81.3 kN |
| **Static load, C0** | 94.1 kN |
| **Fatigue limit load, Cu** | 11.5 kN |
| **Nref** | 5,200 rpm |
| **Nlim** | 9,200 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** | 6.25 Hz |
| **Characteristic outer ring frequency, BPF0** | 6.75 Hz |
| **Characteristic inner ring frequency, BPFI** | 9.25 Hz |

## Abutment dimensions

| | |
|---|---|
| **da min** | 56.5 mm |
| **da max** | 58 mm |
| **Da max** | 83.5 mm |
| **ra max** | 1 mm |
| **r1a max** | 1 mm |

## Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$