Technical datasheet

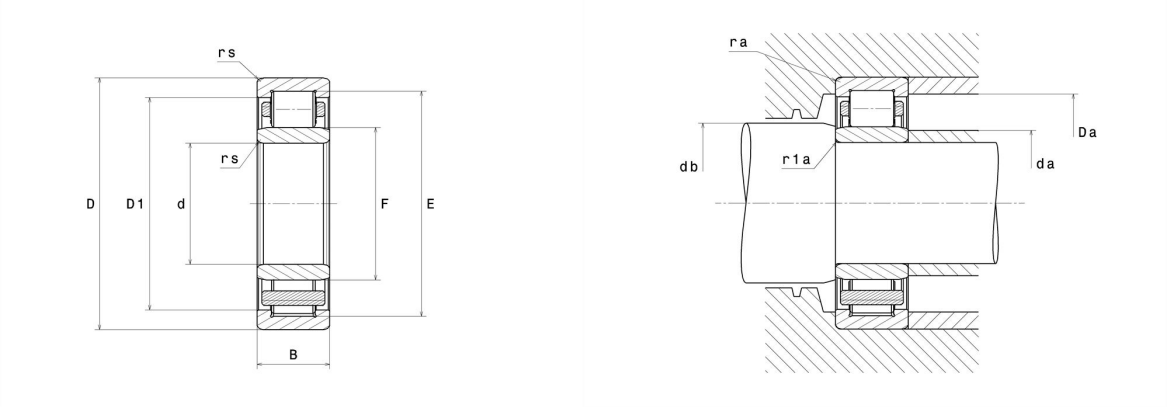
NU.2220.E.G15

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	100 mm
D	180 mm
B	46 mm
E	163 mm
F	119 mm
D1	156.9 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	4.77 kg
Brand	SNR

Product performance

Dynamic load, C	333 kN
Static load, C0	444 kN
Fatigue limit load, Cu	48.8 kN
Nref	2,900 rpm
Nlim	4,500 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	7.17 Hz
Characteristic inner ring frequency, BPFI	9.83 Hz

Abutment dimensions

da min	111 mm
da max	117 mm
Da max	169 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$