Technical datasheet

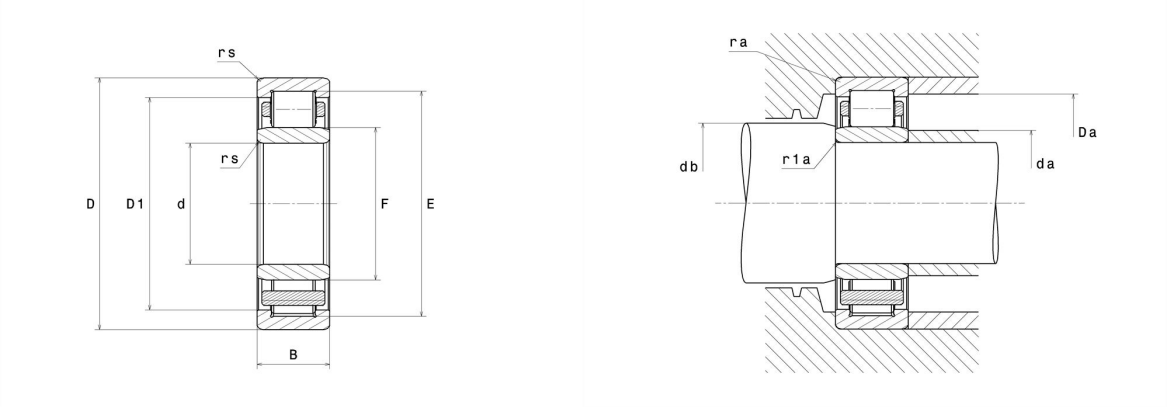
NU2316.EG15

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	80 mm
D	170 mm
B	58 mm
E	151 mm
F	101 mm
D1	143.9 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	6 kg
Brand	SNR

Product performance

Dynamic load, C	363 kN
Static load, C0	442 kN
Fatigue limit load, Cu	50.3 kN
Nref	3,400 rpm
Nlim	4,900 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	4.84 Hz
Characteristic outer ring frequency, BPF0	5.21 Hz
Characteristic inner ring frequency, BPFI	7.79 Hz

Abutment dimensions

da min	91 mm
da max	99 mm
Da max	159 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$