Technical data

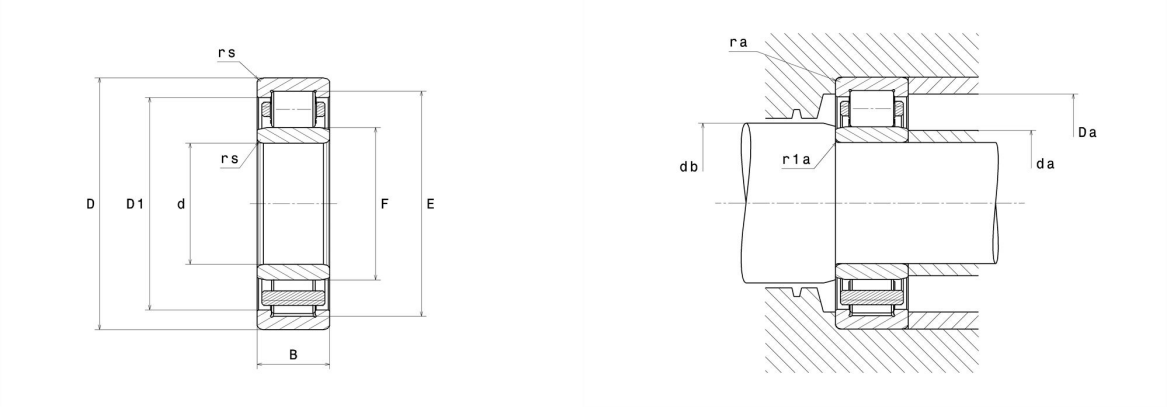
NU.217.EG15

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	85 mm
D	150 mm
B	28 mm
E	136.5 mm
F	100.5 mm
D1	131.5 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	1.91 kg
Brand	SNR

Product performance

Dynamic load, C	167 kN
Static load, C0	199 kN
Fatigue limit load, Cu	23.1 kN
Nref	4,000 Tr/min
Nlim	5,400 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.43 Hz
Characteristic outer ring frequency, BPF0	7.21 Hz
Characteristic inner ring frequency, BPFI	9.79 Hz

Abutment dimensions

da min	94 mm
da max	99 mm
Da max	141 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$