Technical data

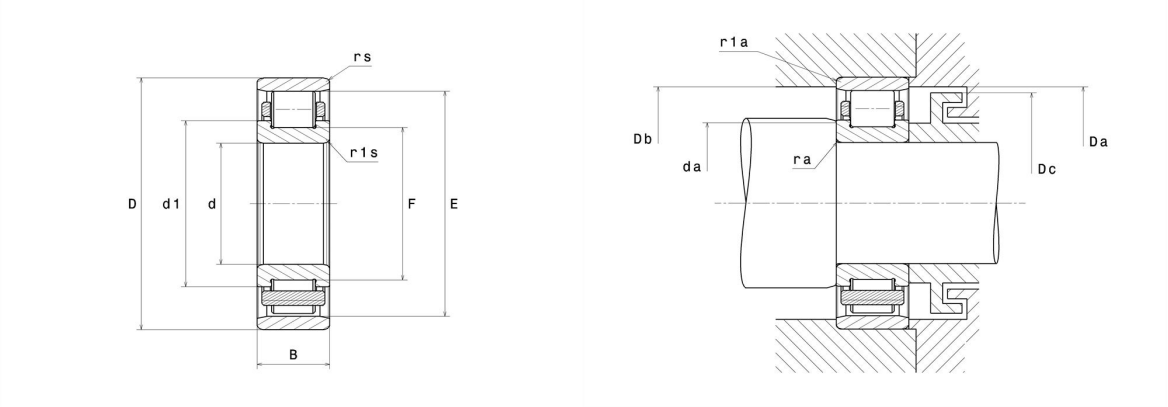
N.217.E.G15.C3

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	107.5 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	C3
Mass (without HJ ring)	1.92 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	141 mm
Db min	138 mm
Dc max	133 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$