Technical data

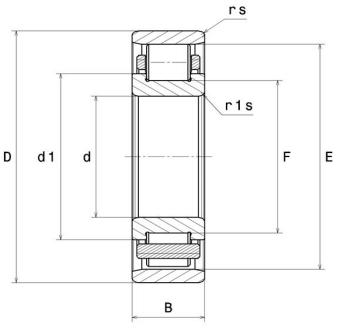
N.219.E.G15

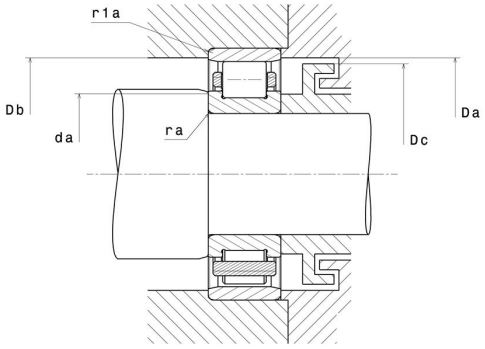
Single row cylindrical roller bearings

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



Visual(s)





Product definition

d	95 mm
D	170 mm
B	32 mm
E	154.5 mm
F	112.5 mm
d1	120.5 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	2.89 kg
Brand	SNR

Product performance

Dynamic load, C	205 kN
Static load, C0	241 kN
Fatigue limit load, Cu	27 kN
Nref	3,800 Tr/min
Nlim	4,800 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	6.2 Hz
Characteristic outer ring frequency, BPF0	7.16 Hz
Characteristic inner ring frequency, BPFI	9.84 Hz

Abutment dimensions

da min	106 mm
Da max	159 mm
Db min	156 mm
Dc max	151 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$