Technical data

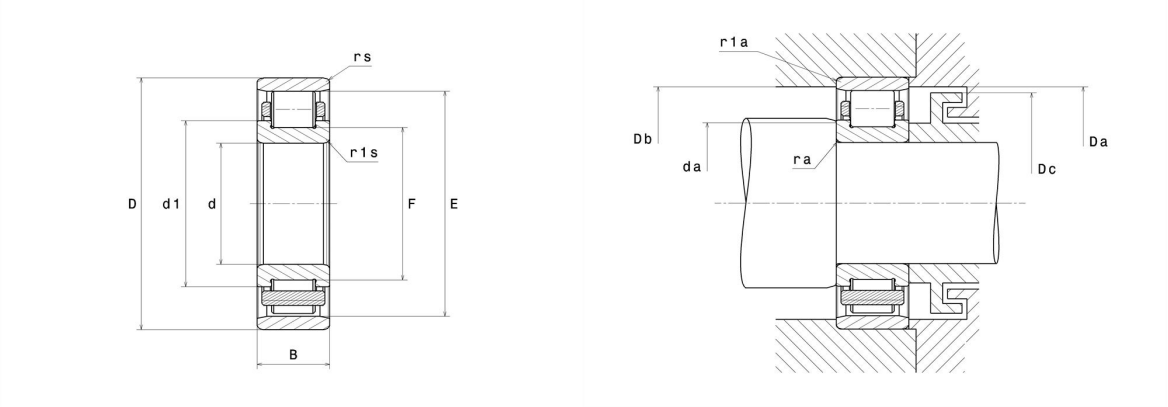
N.216.E.G15

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	80 mm
D	140 mm
B	26 mm
E	127.3 mm
F	95.3 mm
d1	101.5 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	1.55 kg
Brand	SNR

Product performance

Dynamic load, C	139 kN
Static load, C0	167 kN
Fatigue limit load, Cu	19.7 kN
Nref	4,300 Tr/min
Nlim	5,800 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.81 Hz
Characteristic outer ring frequency, BPF0	7.71 Hz
Characteristic inner ring frequency, BPFI	10.29 Hz

Abutment dimensions

da min	89 mm
Da max	131 mm
Db min	128.6 mm
Dc max	125.6 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$