



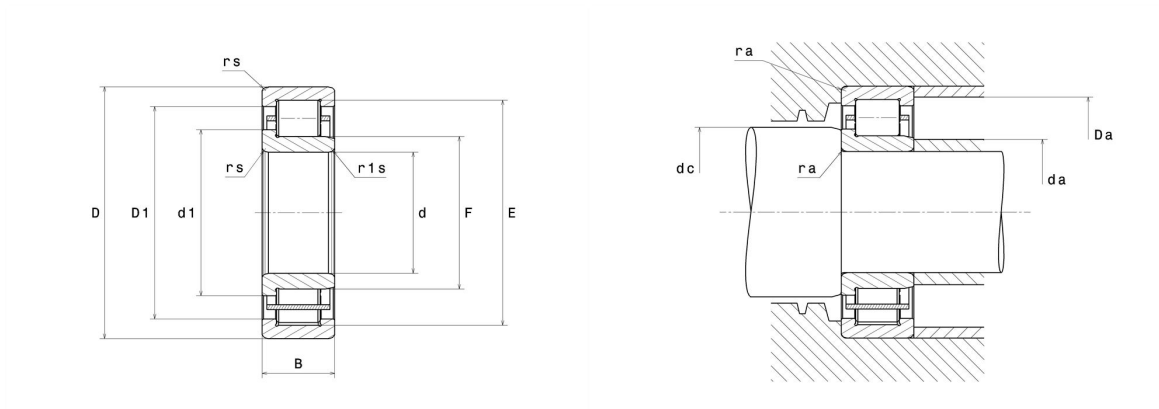
Technical datasheet

NJ.408

Single row cylindrical roller bearings

Single row cylindrical roller bearing, single direction for axial loads, separable, pressed steel cage.

Visual(s)



Product definition

d	40 mm
D	110 mm
B	27 mm
E	92 mm
F	58 mm
d1	64.6 mm
D1	86.4 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	1.3 kg
Brand	SNR

Product performance

Dynamic load, C	95.7 kN
Static load, C0	89.1 kN
Fatigue limit load, Cu	10.9 kN
Nref	6,700 rpm
Nlim	8,200 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.18 Hz
Characteristic outer ring frequency, BPF0	3.87 Hz
Characteristic inner ring frequency, BPFI	6.13 Hz

Abutment dimensions

da min	49 mm
da max	57 mm
db min	60 mm
dc min	67 mm
Da max	101 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$Po = Fr$$