



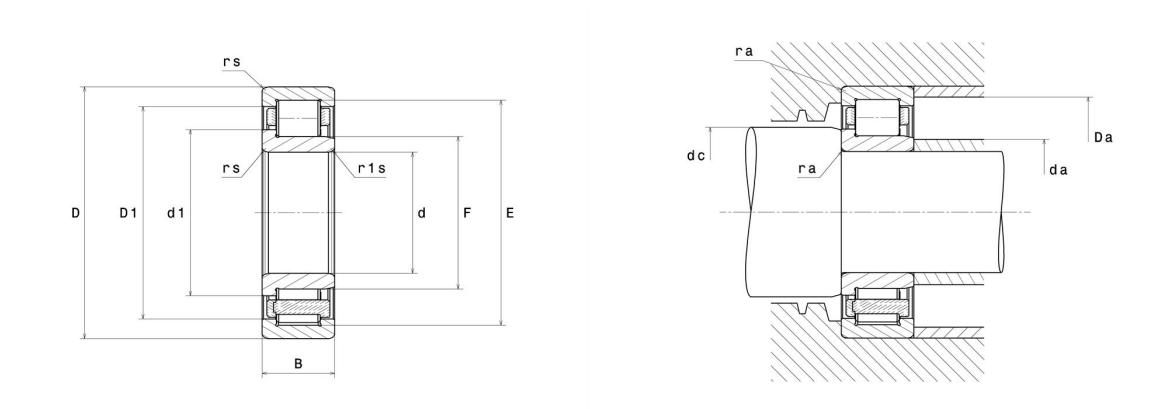
Technical datasheet

NJ2206EG1C4

Single row cylindrical roller bearings

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

Visual(s)



Product definition

d	30 mm
D	62 mm
B	20 mm
E	55.5 mm
F	37.5 mm
d1	41.1 mm
rs min	1 mm
r1s min	0.6 mm
Radial clearance class	C4
Mass (without HJ ring)	0.29 kg
Brand	NTN

Product performance

Dynamic load, C	49 kN
Static load, C0	50 kN
Fatigue limit load, Cu	6.1 kN
Nlim (oil)	11,000 rpm
Nlim (grease)	9,700 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.97 Hz
Characteristic outer ring frequency, BPF0	5.24 Hz
Characteristic inner ring frequency, BPFI	7.76 Hz

Abutment dimensions

da min	35 mm
da max	37 mm
dc min	44 mm
Da max	57 mm
ra max	1 mm

Calculation factors

Equivalent dynamic radial load

$$P = Fr$$

Equivalent static radial load

$$Po = Fr$$