Technical data

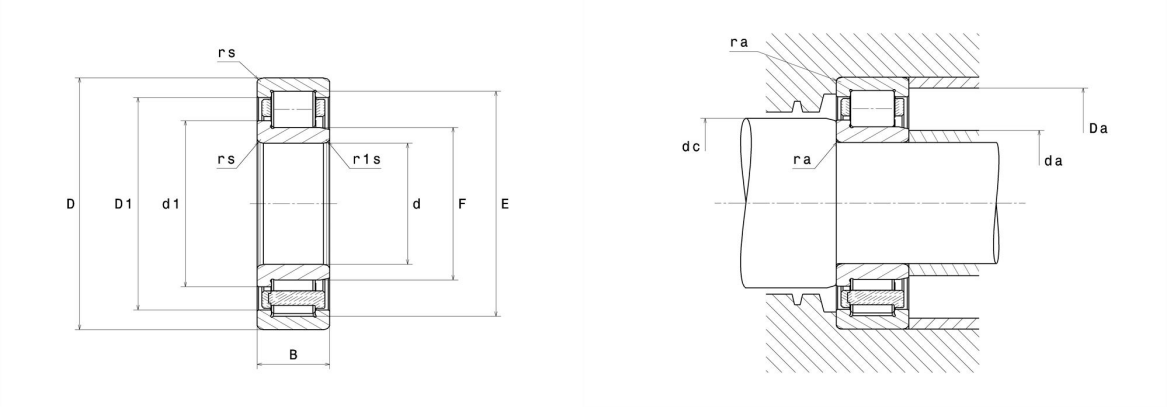
NJ226EG1

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	130 mm
D	230 mm
B	40 mm
E	209.5 mm
F	153.5 mm
d1	164.7 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	7.2 kg
Brand	NTN

Product performance

Dynamic load, C	365 kN
Static load, C0	455 kN
Fatigue limit load, Cu	46.5 kN
Nlim (oil)	3,100 Tr/min
Nlim (grease)	2,600 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.33 Hz
Characteristic outer ring frequency, BPF0	7.19 Hz
Characteristic inner ring frequency, BPFI	9.81 Hz

Abutment dimensions

da min	143 mm
da max	151 mm
dc min	168 mm
Da max	217 mm
ra max	2.5 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$