Technical data

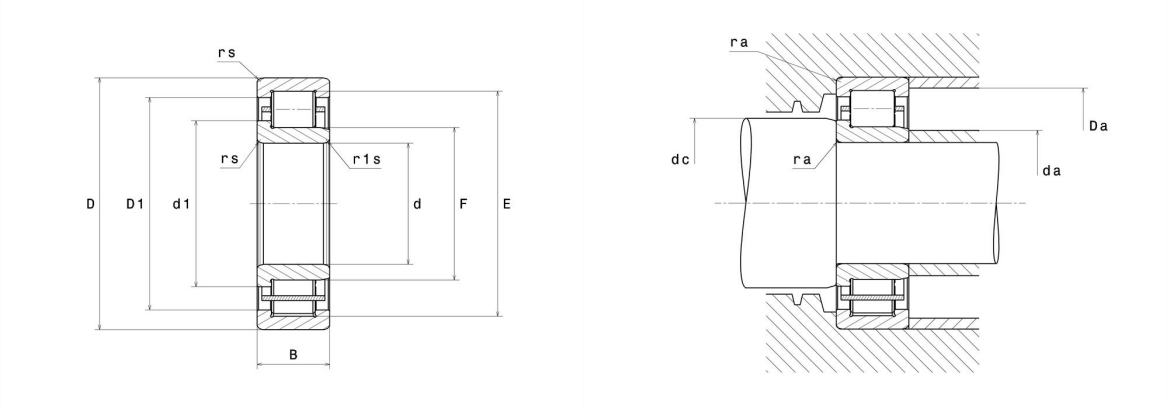
NJ226

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	130 mm
D	230 mm
B	40 mm
E	204 mm
F	156 mm
d1	165.5 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	6.9 kg
Brand	NTN

Product performance

Dynamic load, C	270 kN
Static load, C0	340 kN
Fatigue limit load, Cu	34.8 kN
Nlim (oil)	3,400 Tr/min
Nlim (grease)	2,900 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.37 Hz
Characteristic outer ring frequency, BPF0	7.37 Hz
Characteristic inner ring frequency, BPFI	9.63 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

$P_0 = Fr$