Technical datasheet

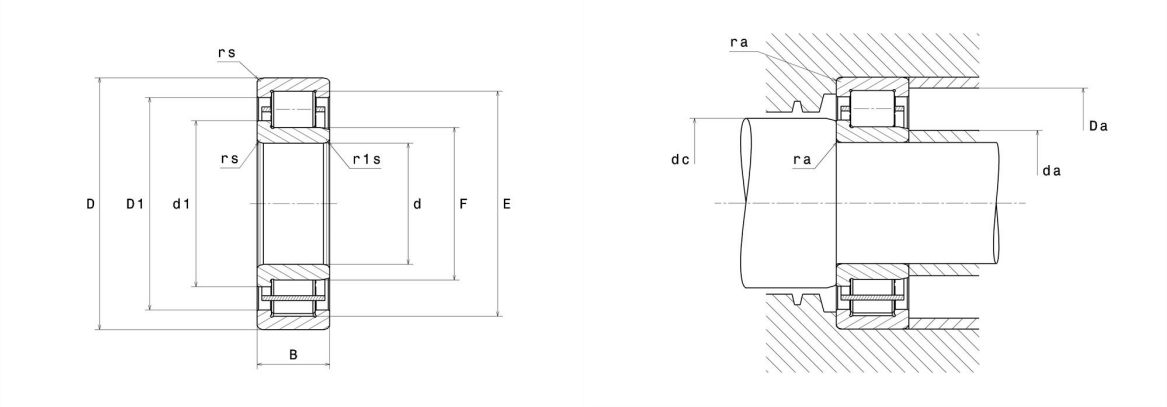
NJ2226C3

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	64 mm
E	204 mm
F	156 mm
d1	165.5 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	C3
Mass (without HJ ring)	10.6 kg
Brand	NTN

Product performance

Dynamic load, C	380 kN
Static load, C0	530 kN
Fatigue limit load, Cu	54.2 kN
Nlim (oil)	3,100 rpm
Nlim (grease)	2,600 rpm
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

$P_0 = Fr$