Technical data

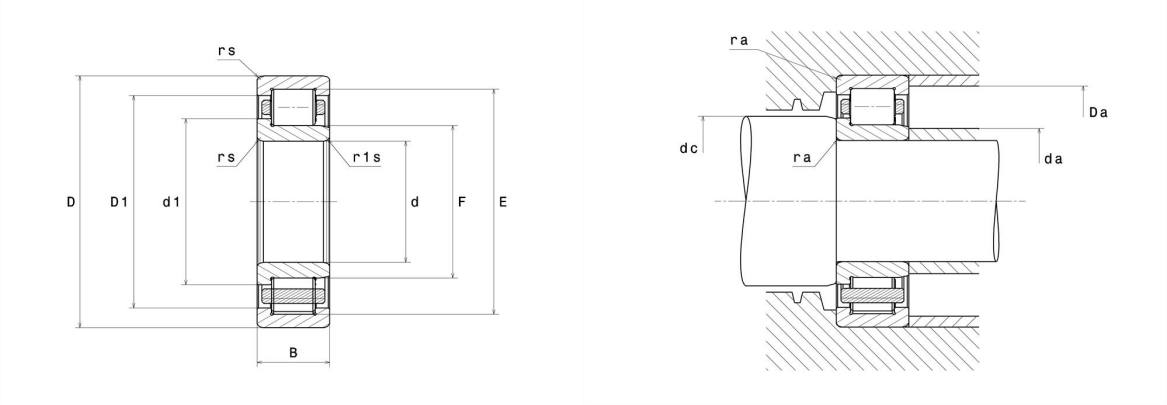
NJ210ET2XC3

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	50 mm
D	90 mm
B	20 mm
E	81.5 mm
F	59.5 mm
d1	63.9 mm
rs min	1.1 mm
r1s min	1.1 mm
Radial clearance class	C3
Mass (without HJ ring)	0.51 kg
Brand	NTN

Product performance

Dynamic load, C	66 kN
Static load, C0	72 kN
Fatigue limit load, Cu	8.8 kN
Nlim (oil)	8,100 Tr/min
Nlim (grease)	6,900 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.25 Hz
Characteristic outer ring frequency, BPF0	6.75 Hz
Characteristic inner ring frequency, BPFI	9.25 Hz

Abutment dimensions

da min	56.5 mm
da max	58 mm
dc min	67 mm
Da max	83.5 mm
ra max	1 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$