Technical datasheet

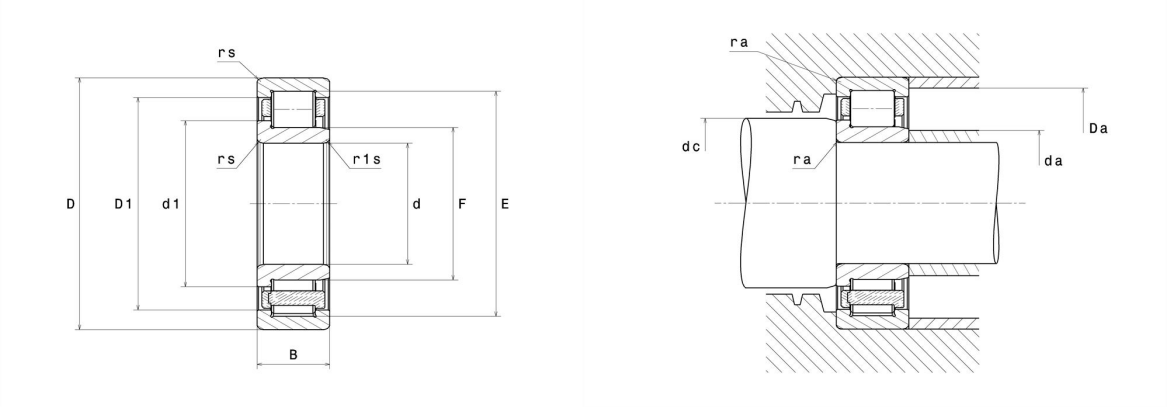
NJ330

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	150 mm
D	320 mm
B	65 mm
E	277 mm
F	193 mm
d1	210 mm
rs min	4 mm
r1s min	4 mm
Radial clearance class	CN
Mass (without HJ ring)	25.1 kg
Brand	NTN

Product performance

Dynamic load, C	665 kN
Static load, C0	805 kN
Fatigue limit load, Cu	76 kN
Nlim (oil)	2,500 rpm
Nlim (grease)	2,100 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.42 Hz
Characteristic outer ring frequency, BPF0	5.75 Hz
Characteristic inner ring frequency, BPFI	8.25 Hz

Abutment dimensions

da min	166 mm
da max	190 mm
dc min	213 mm
Da max	304 mm
ra max	3 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$