Technical datasheet

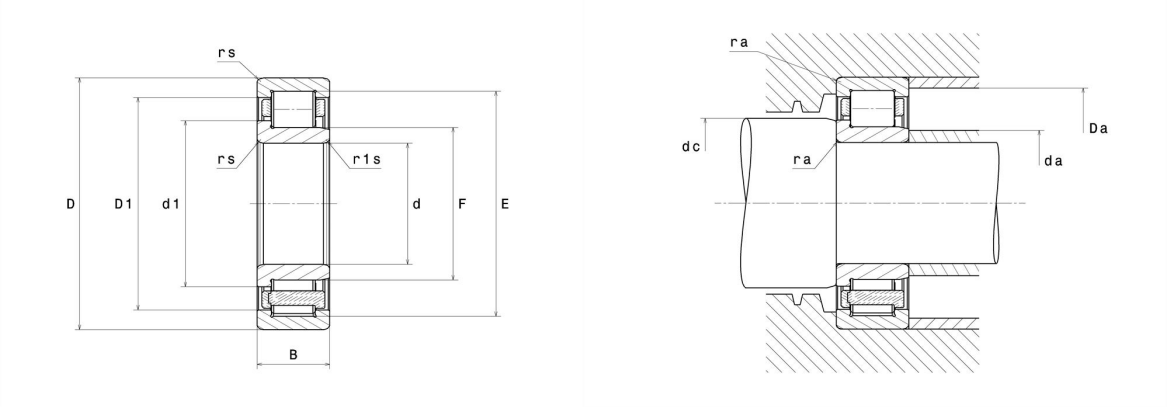
NJ328C3

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	140 mm
D	300 mm
B	62 mm
E	260 mm
F	180 mm
d1	196 mm
rs min	4 mm
r1s min	4 mm
Radial clearance class	C3
Mass (without HJ ring)	21.4 kg
Brand	NTN

Product performance

Dynamic load, C	615 kN
Static load, C0	745 kN
Fatigue limit load, Cu	71.7 kN
Nlim (oil)	2,700 rpm
Nlim (grease)	2,300 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	5.32 Hz
Characteristic outer ring frequency, BPF0	5.73 Hz
Characteristic inner ring frequency, BPFI	8.27 Hz

Abutment dimensions

da min	156 mm
da max	176 mm
dc min	198 mm
Da max	284 mm
ra max	3 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$Po = Fr$