Technical data

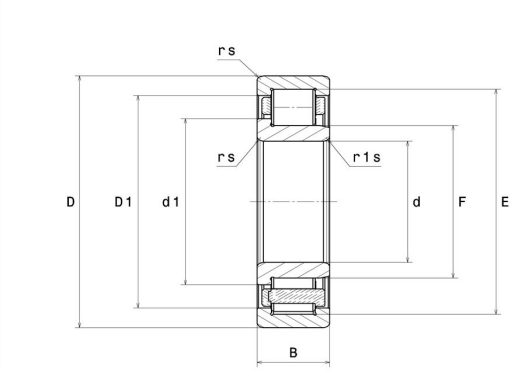
NJ2319EG1

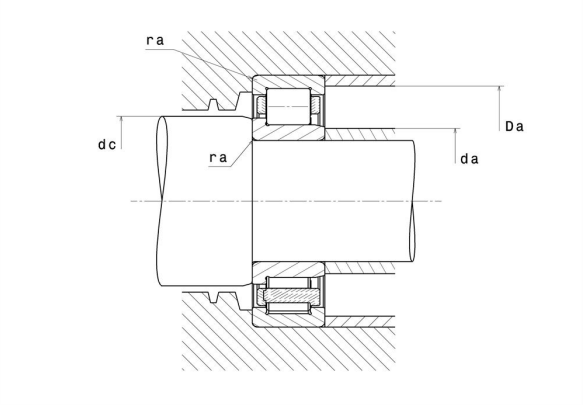
Single row cylindrical roller bearings



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

Visual(s)





Product definition

d	95 mm
D	200 mm
B	67 mm
E	177.5 mm
F	121.5 mm
d1	132.7 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	10.14 kg
Brand	NTN

Product performance

Dynamic load, C	460 kN
Static load, C0	585 kN
Fatigue limit load, Cu	63.5 kN
Nlim (oil)	3,200 Tr/min
Nlim (grease)	2,700 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.15 Hz
Characteristic outer ring frequency, BPF0	5.69 Hz
Characteristic inner ring frequency, BPFI	8.31 Hz

Abutment dimensions

da min	108 mm
da max	119 mm
dc min	134 mm
Da max	187 mm
ra max	2.5 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$