Technical data

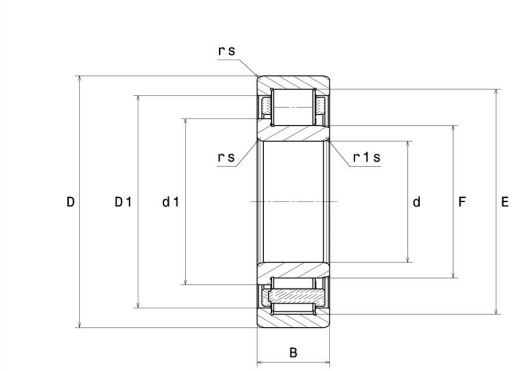
NJ2316EG1C3

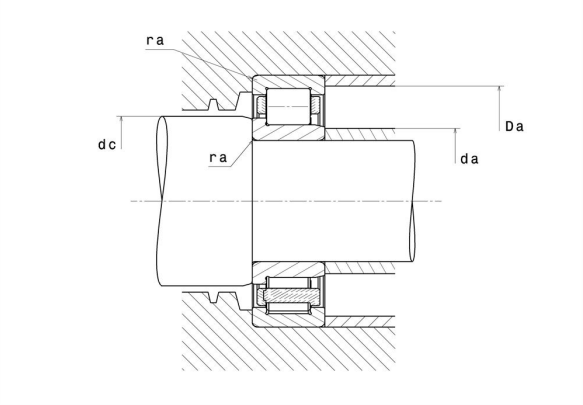
Single row cylindrical roller bearings



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

Visual(s)





Product definition

d	80 mm
D	170 mm
B	58 mm
E	151 mm
F	101 mm
d1	111 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	C3
Mass (without HJ ring)	6.28 kg
Brand	NTN

Product performance

Dynamic load, C	355 kN
Static load, C0	430 kN
Fatigue limit load, Cu	49 kN
Nlim (oil)	3,900 Tr/min
Nlim (grease)	3,300 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.84 Hz
Characteristic outer ring frequency, BPF0	5.21 Hz
Characteristic inner ring frequency, BPFI	7.79 Hz

Abutment dimensions

da min	91 mm
da max	99 mm
dc min	114 mm
Da max	159 mm
ra max	2 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$