Technical data

NJ212EAT2X

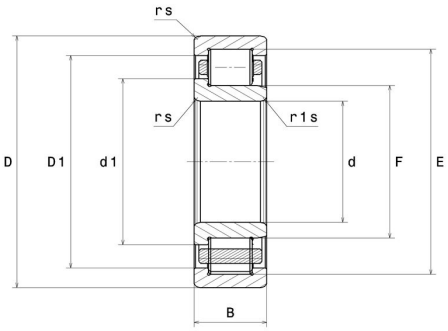
Single row cylindrical roller bearings

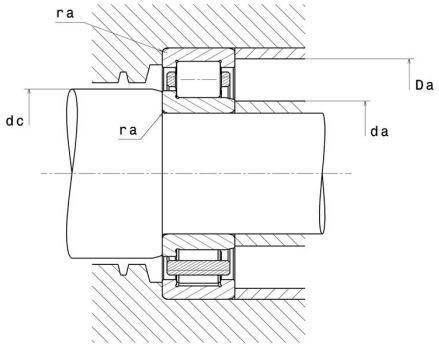


Single row cylindrical roller bearing, single direction for axial loads, separable, polyamide cage.

ULTAGE

Visual(s)





Product definition

d	60 mm
D	110 mm
B	22 mm
E	100 mm
F	71 mm
d1	77.6 mm
D1	94.8 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	CN
Mass (without HJ ring)	0.83 kg
Brand	NTN

Product performance

Dynamic load, C	115 kN
Static load, C0	107 kN
Nlim (oil)	8,200 Tr/min
Nlim (grease)	5,800 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	5.98 Hz
Characteristic outer ring frequency, BPF0	6.7 Hz
Characteristic inner ring frequency, BPFI	9.3 Hz

Abutment dimensions

da min	68 mm
da max	71 mm
dc min	80 mm
Da max	102 mm
ra max	1.5 mm
r1a max	1.5 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$