Technical datasheet

NU306EAT2X

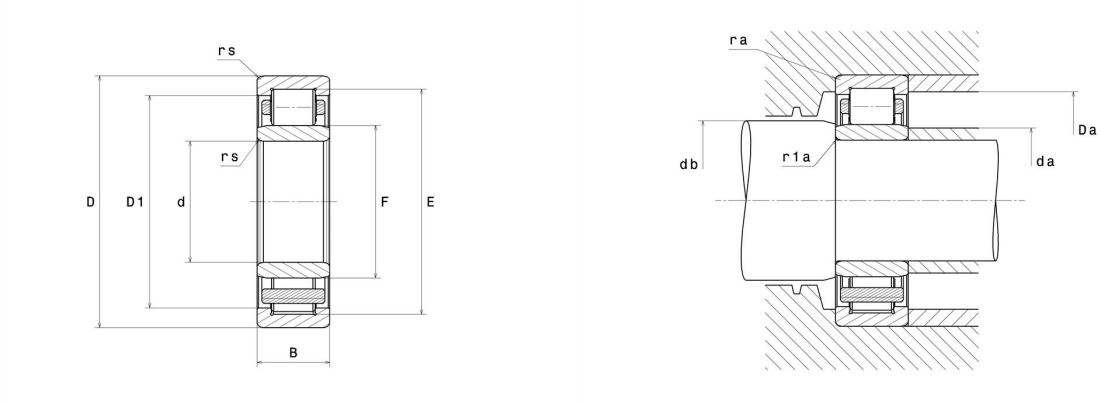
Single row cylindrical roller bearings



Single row cylindrical roller bearing, floating, separable, polyamide cage

ULTAGE

Visual(s)



Product definition

d	30 mm
D	72 mm
B	19 mm
E	62.5 mm
F	40.5 mm
rs min	1.1 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass (without HJ ring)	0.4 kg
Brand	NTN

Product performance

Dynamic load, C	63 kN
Static load, C0	50 kN
Nlim (oil)	13,200 rpm
Nlim (grease)	9,300 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.47 Hz
Characteristic outer ring frequency, BPF0	4.72 Hz
Characteristic inner ring frequency, BPFI	7.28 Hz

Abutment dimensions

da min	36.5 mm
da max	40 mm
db min	44 mm
Da max	65.5 mm
ra max	1 mm
r1a max	1 mm

Calculation factors

Equivalent dynamic radial load

$P = Fr$

Equivalent static radial load

$P_0 = Fr$