Technical datasheet

NUP2212EAT2XU

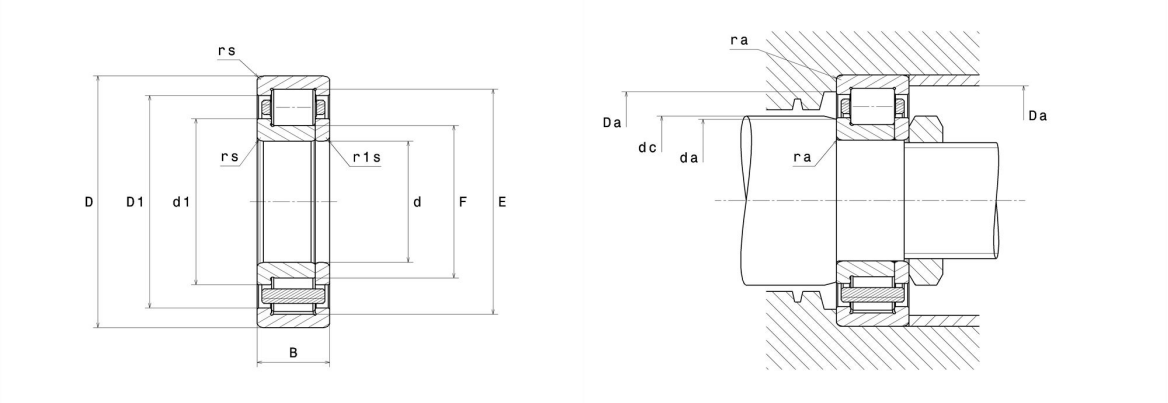
Single row cylindrical roller bearings



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

ULTAGE

Visual(s)



Product definition

d	60 mm
D	110 mm
B	28 mm
E	100 mm
F	72 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)	1.1 kg
Brand	NTN

Product performance

Dynamic load, C	155 kN
Static load, C0	157 kN
Nlim (oil)	7,300 rpm
Nlim (grease)	5,200 rpm
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
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

$Po = Fr$