Technical data

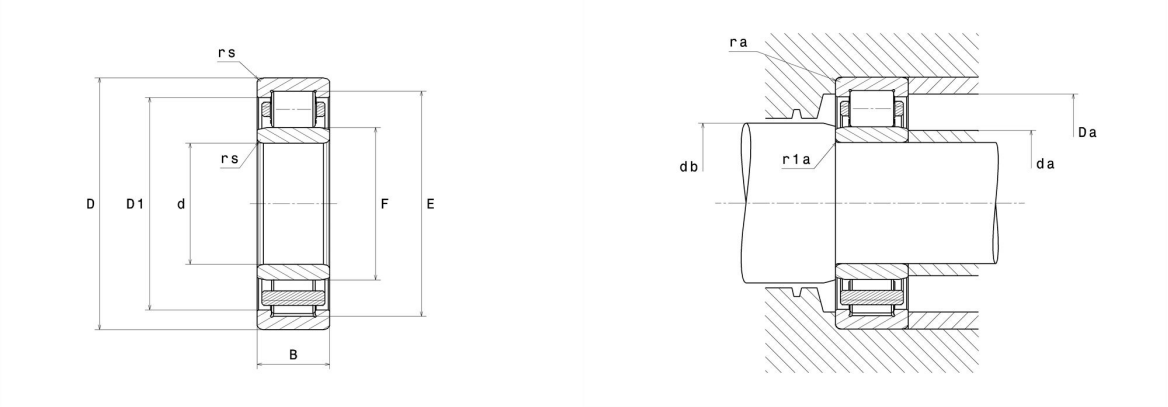
NU218ET2X

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	90 mm
D	160 mm
B	30 mm
E	145 mm
F	107 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	2.44 kg
Brand	NTN

Product performance

Dynamic load, C	182 kN
Static load, C0	217 kN
Fatigue limit load, Cu	24.7 kN
Nlim (oil)	4,600 Tr/min
Nlim (grease)	3,900 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	6.48 Hz
Characteristic outer ring frequency, BPF0	7.22 Hz
Characteristic inner ring frequency, BPFI	9.78 Hz

Abutment dimensions

da min	99 mm
da max	105 mm
db min	109 mm
Da max	151 mm
ra max	2 mm
r1a max	2 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr