Technical data

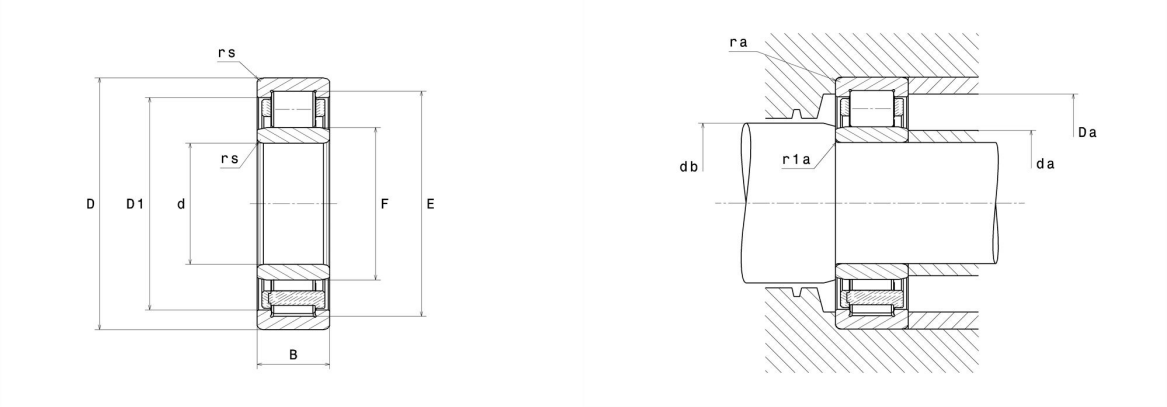
NU238

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	190 mm
D	340 mm
B	55 mm
E	299 mm
F	231 mm
D1	286.5 mm
rs min	4 mm
Radial clearance class	CN
Mass (without HJ ring)	21.3 kg
Brand	NTN

Product performance

Dynamic load, C	555 kN
Static load, C0	770 kN
Nlim (oil)	2,200 Tr/min
Nlim (grease)	1,900 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.67 Hz
Characteristic outer ring frequency, BPF0	8.28 Hz
Characteristic inner ring frequency, BPFI	10.72 Hz

Abutment dimensions

da min	206 mm
da max	227 mm
db min	234 mm
Da max	324 mm
ra max	3 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr