Technical datasheet

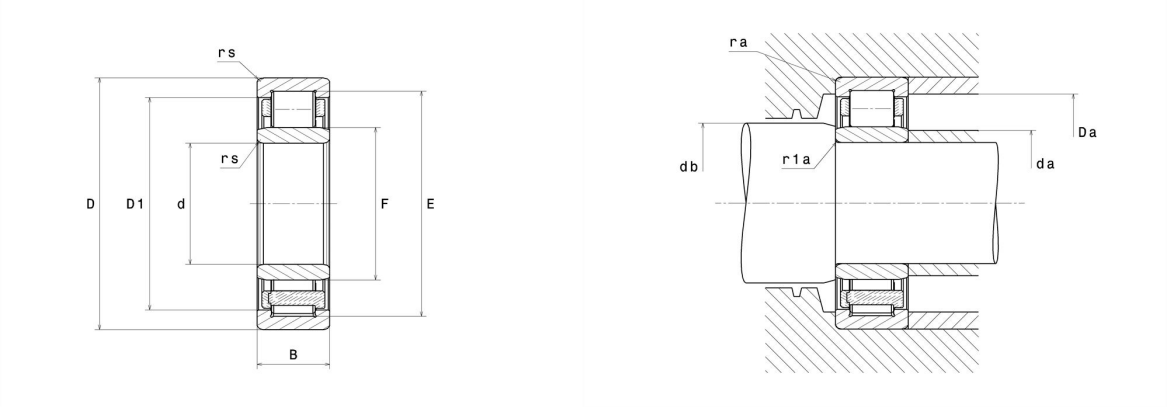
NU2228EG1C3

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	140 mm
D	250 mm
B	68 mm
E	225 mm
F	169 mm
rs min	3 mm
Radial clearance class	C3
Mass (without HJ ring)	15.8 kg
Brand	NTN

Product performance

Dynamic load, C	575 kN
Static load, C0	835 kN
Nlim (oil)	2,500 rpm
Nlim (grease)	2,100 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.89 Hz
Characteristic outer ring frequency, BPF0	8.15 Hz
Characteristic inner ring frequency, BPFI	10.85 Hz

Abutment dimensions

da min	153 mm
da max	166 mm
db min	171 mm
Da max	237 mm
ra max	2.5 mm
r1a max	2.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr