Technical datasheet

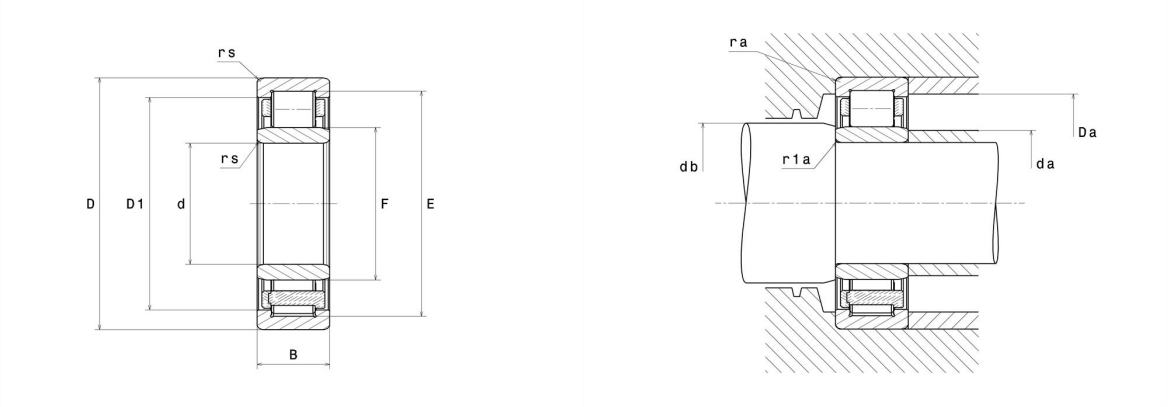
NU236EG1

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	180 mm
D	320 mm
B	52 mm
E	289 mm
F	217 mm
rs min	4 mm
r1s min	4 mm
Radial clearance class	CN
Mass (without HJ ring)	17.7 kg
Brand	NTN

Product performance

Dynamic load, C	625 kN
Static load, C0	850 kN
Fatigue limit load, Cu	78.7 kN
Nlim (oil)	2,200 rpm
Nlim (grease)	1,800 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	6.88 Hz
Characteristic outer ring frequency, BPF0	8.15 Hz
Characteristic inner ring frequency, BPFI	10.85 Hz

Abutment dimensions

da min	196 mm
da max	214 mm
db min	221 mm
Da max	304 mm
ra max	3 mm
r1a max	3 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr