Technical data

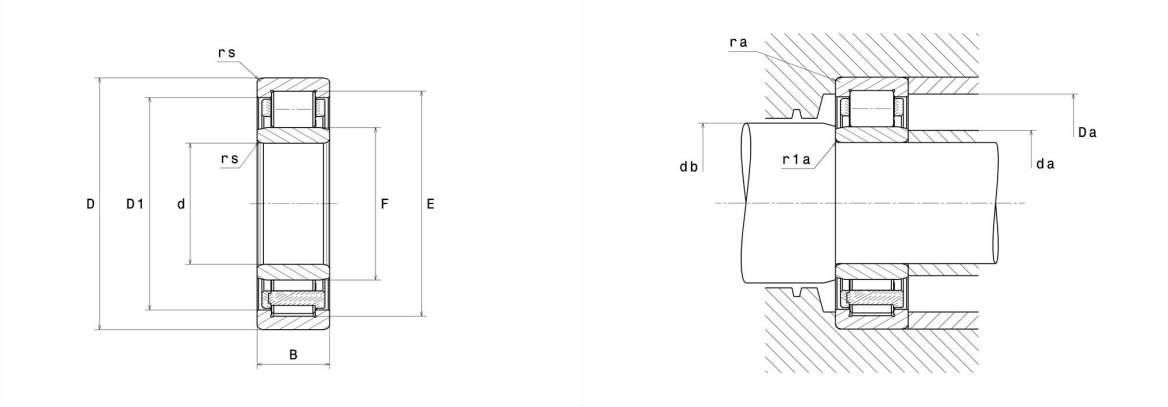
NU230EG1C3

Single row cylindrical roller bearings

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



Visual(s)



Product definition

d	150 mm
D	270 mm
B	45 mm
E	242 mm
F	182 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	C3
Mass (without HJ ring)	11 kg
Brand	NTN

Product performance

Dynamic load, C	450 kN
Static load, C0	595 kN
Fatigue limit load, Cu	58.1 kN
Nlim (oil)	2,600 Tr/min
Nlim (grease)	2,200 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.92 Hz
Characteristic outer ring frequency, BPF0	8.16 Hz
Characteristic inner ring frequency, BPFI	10.84 Hz

Abutment dimensions

da min	163 mm
da max	179 mm
db min	184 mm
Da max	257 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