Technical datasheet

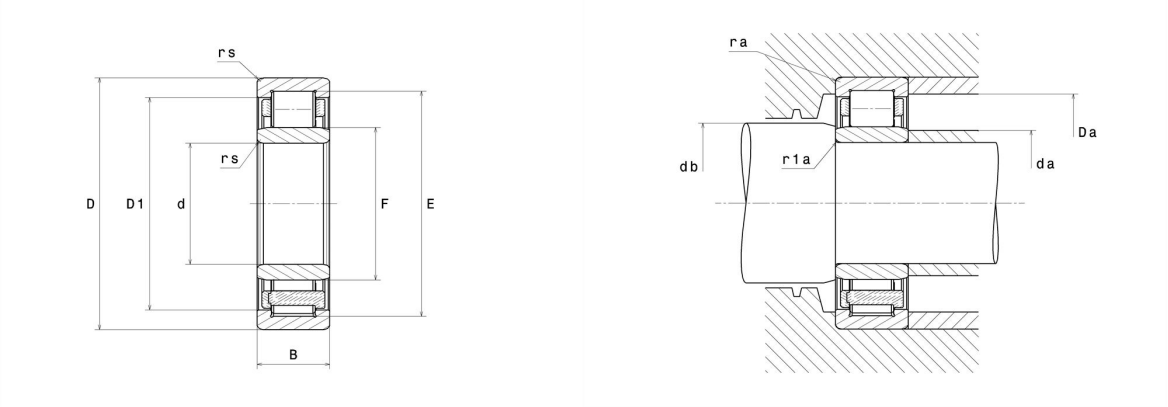
NU2230G1C3

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	73 mm
E	238 mm
F	182 mm
D1	227.5 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	C3
Mass (without HJ ring)	16.3 kg
Brand	NTN

Product performance

Dynamic load, C	545 kN
Static load, C0	800 kN
Nlim (oil)	2,600 rpm
Nlim (grease)	2,200 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	7.37 Hz
Characteristic outer ring frequency, BPF0	7.8 Hz
Characteristic inner ring frequency, BPFI	10.2 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