Technical data

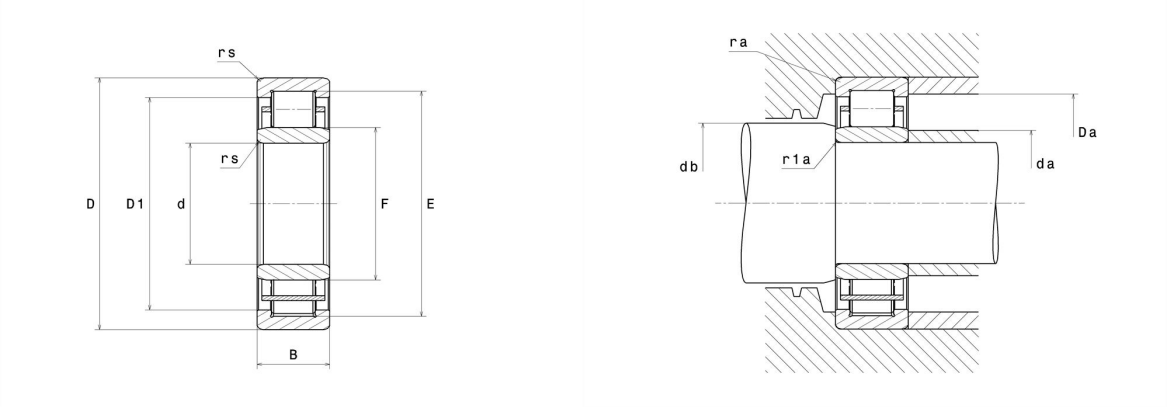
NU230

Single row cylindrical roller bearings



Single row cylindrical roller bearing, floating, separable, pressed steel cage

Visual(s)



Product definition

d	150 mm
D	270 mm
B	45 mm
E	238 mm
F	182 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	10.6 kg
Brand	NTN

Product performance

Dynamic load, C	345 kN
Static load, C0	435 kN
Fatigue limit load, Cu	42.5 kN
Nlim (oil)	2,900 Tr/min
Nlim (grease)	2,500 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	7.37 Hz
Characteristic outer ring frequency, BPF0	6.93 Hz
Characteristic inner ring frequency, BPFI	9.07 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