Technical datasheet

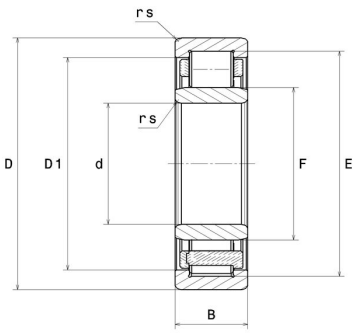
NU232C3

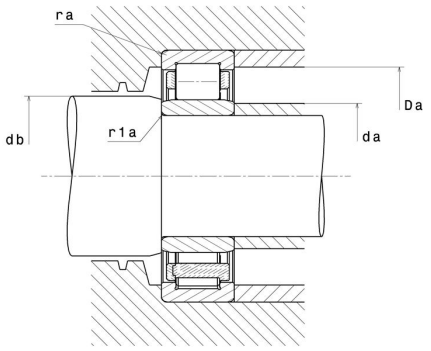
Single row cylindrical roller bearings



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

Visual(s)





Product definition

d	160 mm
D	290 mm
B	48 mm
E	255 mm
F	195 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	C3
Mass (without HJ ring)	13.7 kg
Brand	NTN

Product performance

Dynamic load, C	430 kN
Static load, C0	570 kN
Fatigue limit load, Cu	54.5 kN
Nlim (oil)	2,700 rpm
Nlim (grease)	2,300 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	173 mm
da max	192 mm
db min	197 mm
Da max	277 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