Technical data

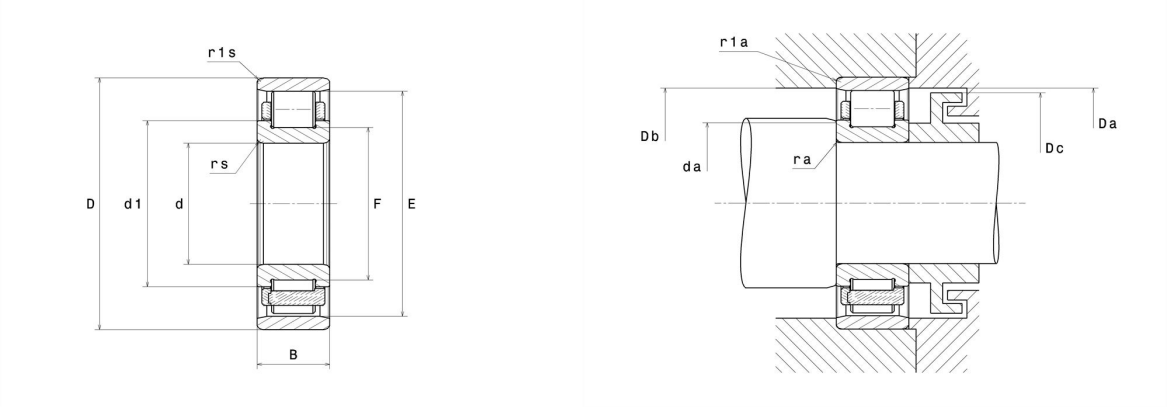
N317EG1X

Single row cylindrical roller bearings



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

Visual(s)



Product definition

d	85 mm
D	180 mm
B	41 mm
E	160 mm
F	108 mm
d1	118.4 mm
rs min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	4.84 kg
Brand	NTN

Product performance

Dynamic load, C	276 kN
Static load, C0	305 kN
Nlim (oil)	4,100 Tr/min
Nlim (grease)	3,500 Tr/min
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.96 Hz
Characteristic outer ring frequency, BPF0	5.24 Hz
Characteristic inner ring frequency, BPFI	7.76 Hz

Abutment dimensions

da min	72 mm
da max	118.4 mm
Da max	167 mm
ra max	2.5 mm

Calculation factors

Equivalent dynamic radial load

P = Fr

Equivalent static radial load

Po = Fr