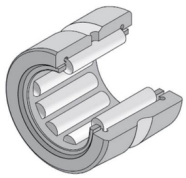
Technical datasheet

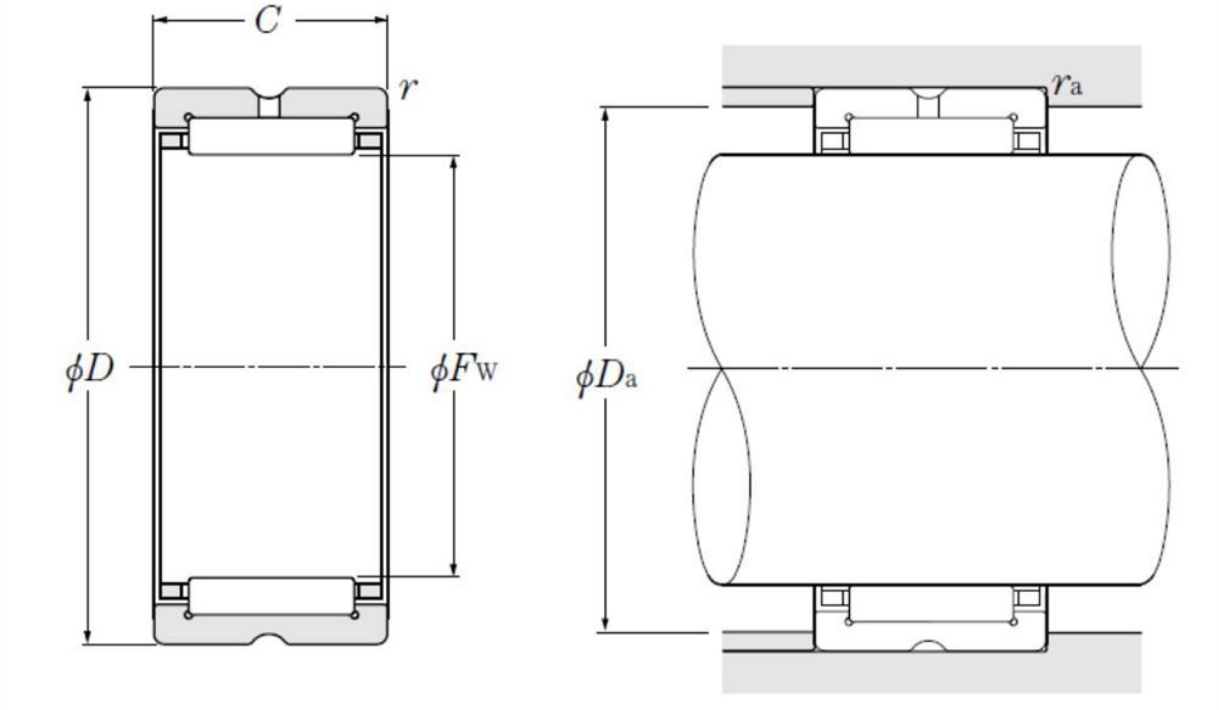
NK100/36R

Needle roller bearing, machined-ring, without inner ring



Needle roller bearing, machined-ring, without inner ring, double-side ribs, lubrication hole

Visual(s)



Product definition

Fw	100 mm
D	120 mm
C	36 mm
rs min	1 mm
Dw	6.5 mm
Lw	28 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Radial clearance class	CN
Precision class	P0
Mass	0.68 kg
Brand	NTN

Product performance

Cr	107 kN
C0r	223 kN
Nlim (grease)	2,700 rpm
Nlim (oil)	4,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	16.32 Hz
Characteristic outer ring frequency, BPF0	15.02 Hz
Characteristic inner ring frequency, BPFI	16.98 Hz

Abutment dimensions

Da max	115 mm
ras max	1 mm