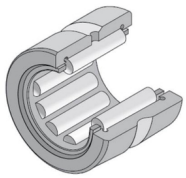
Technical data

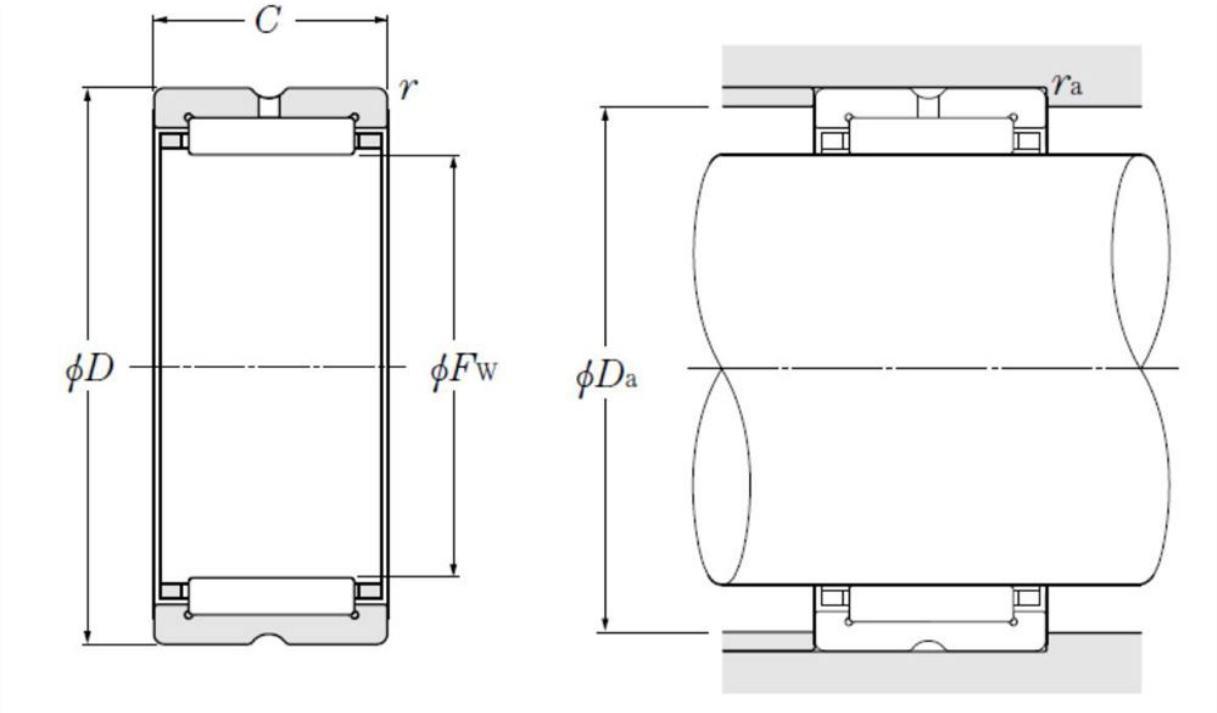
NK80/35R

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	80 mm
D	95 mm
C	35 mm
rs min	1 mm
Dw	4.5 mm
Lw	28.8 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Radial clearance class	CN
Precision class	P0
Mass	0.42 kg
Brand	NTN

Product performance

Cr	79.5 kN
C0r	184 kN
Nlim (grease)	3,300 Tr/min
Nlim (oil)	5,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	18.72 Hz
Characteristic outer ring frequency, BPF0	17.04 Hz
Characteristic inner ring frequency, BPFI	18.96 Hz

Abutment dimensions

Da max	90 mm
ras max	1 mm