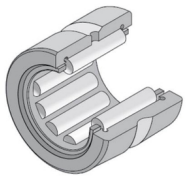
Technical data

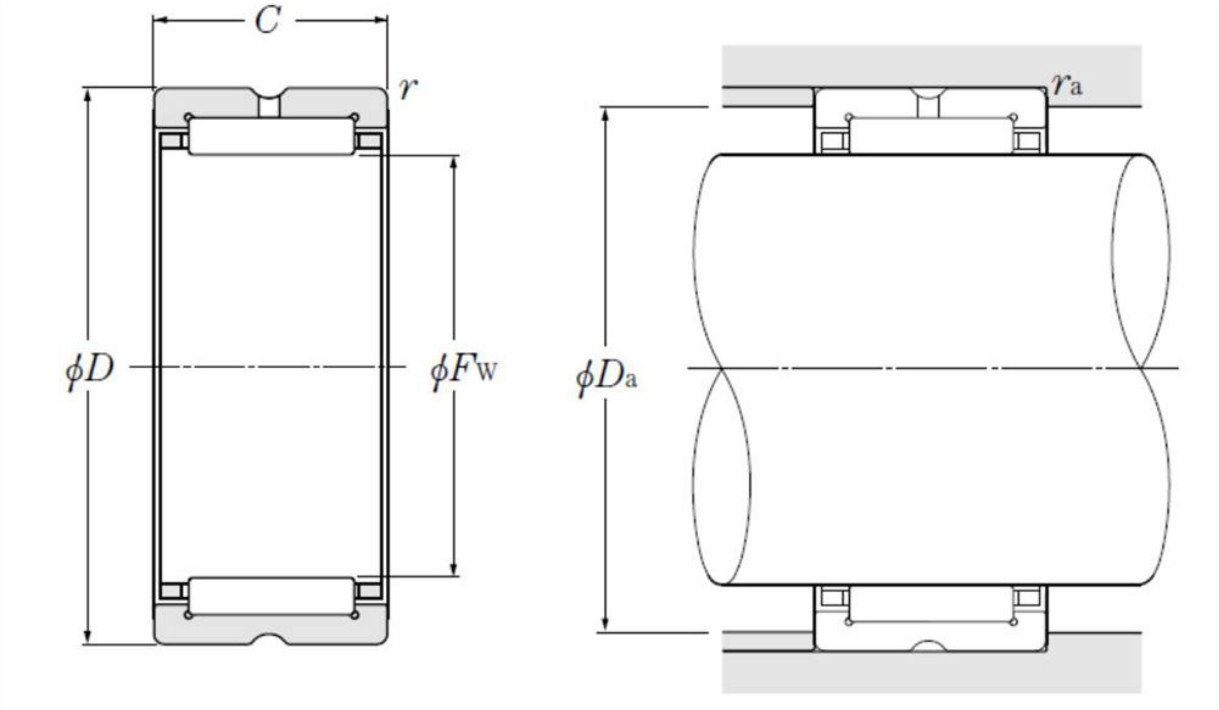
RNA4912R

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	68 mm
D	85 mm
C	25 mm
rs min	1 mm
Dw	5.5 mm
Lw	18.8 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Radial clearance class	CN
Precision class	P0
Mass	0.28 kg
Brand	NTN

Product performance

Cr	61.5 kN
C0r	108 kN
Nlim (grease)	4,000 Tr/min
Nlim (oil)	6,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	13.29 Hz
Characteristic outer ring frequency, BPF0	12.95 Hz
Characteristic inner ring frequency, BPFI	15.05 Hz

Abutment dimensions

Da max	80 mm
ras max	1 mm