

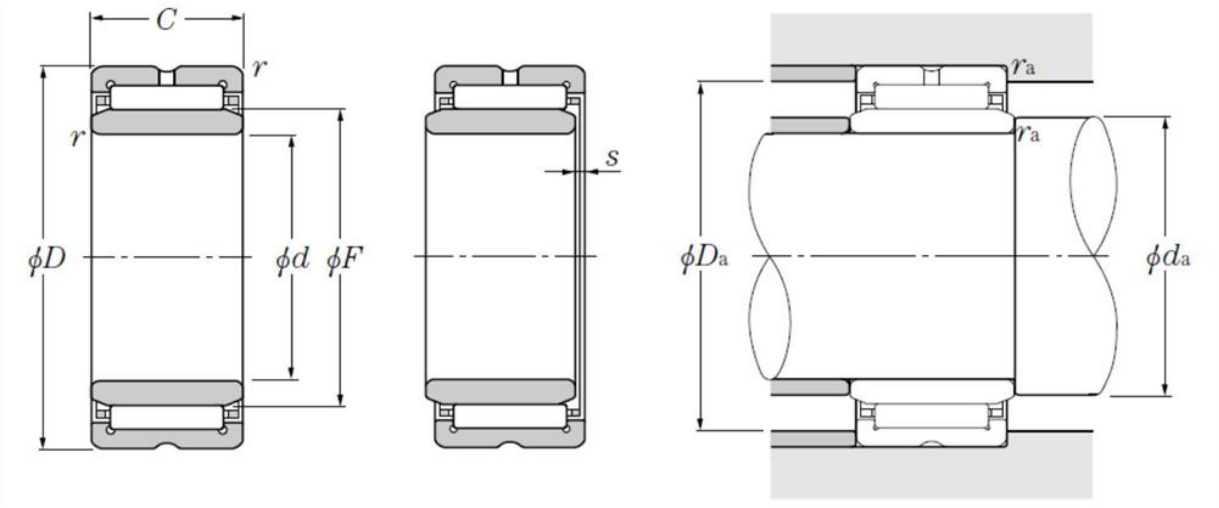
Technical data

NA4903R

Needle roller bearing, machined-ring, with inner ring

Needle roller bearing, machined-rings, with inner ring, double-side ribs, lubrication hole

Visual(s)



Product definition

d	17 mm
D	30 mm
C	13 mm
F	22 mm
rs min	0.3 mm
s max	0.5 mm
Dw	2.5 mm
Lw	9.8 mm
Lubrication hole on outer ring	Oui/Yes
k	2 mm
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.04 kg
Brand	NTN

Product performance

Cr	11.2 kN
C0r	14.6 kN
Nlim (grease)	12,000 Tr/min
Nlim (oil)	18,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.7 Hz
Characteristic outer ring frequency, BPF0	8.08 Hz
Characteristic inner ring frequency, BPFI	9.92 Hz

Abutment dimensions

da min	19 mm
Da max	28 mm
ras max	0.3 mm