

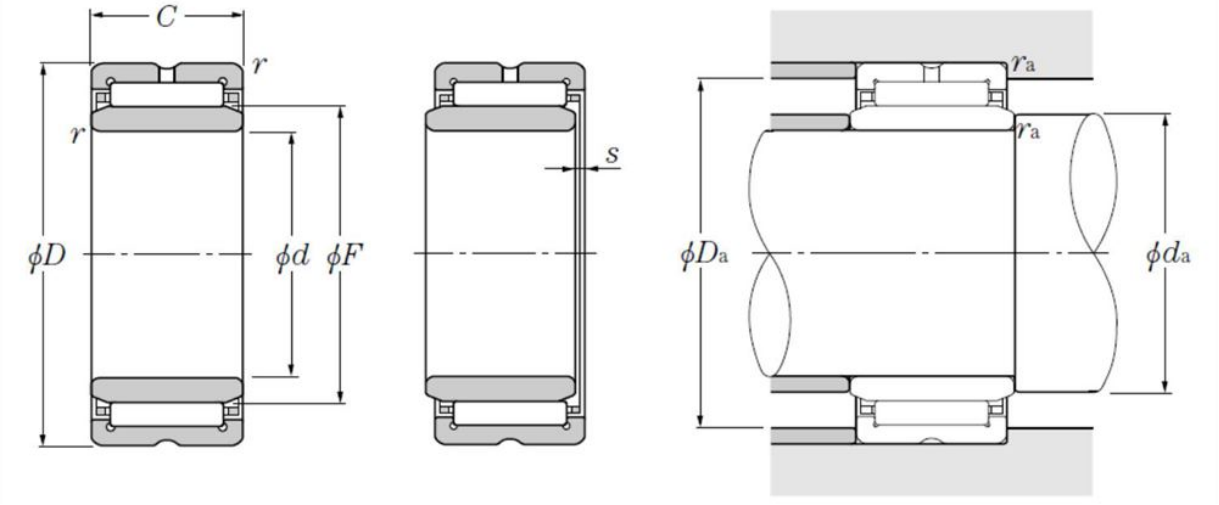
Technical data

NA4909R

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	45 mm
D	68 mm
C	22 mm
F	52 mm
rs min	0.6 mm
s max	1 mm
Dw	5 mm
Lw	16.8 mm
Lubrication hole on outer ring	Oui/Yes
k	3 mm
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.27 kg
Brand	NTN

Product performance

Cr	46 kN
C0r	73 kN
Nlim (grease)	5,000 Tr/min
Nlim (oil)	7,500 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	11.31 Hz
Characteristic outer ring frequency, BPF0	10.95 Hz
Characteristic inner ring frequency, BPFI	13.05 Hz

Abutment dimensions

da min	49 mm
Da max	64 mm
ras max	0.6 mm