

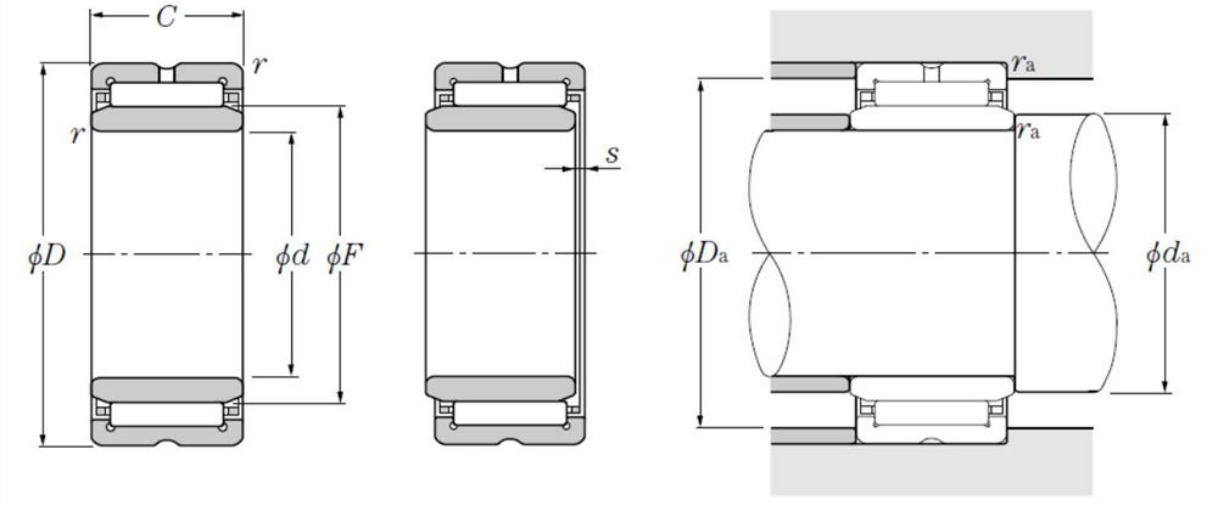
Technical data

NA4918R

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	90 mm
D	125 mm
C	35 mm
F	105 mm
rs min	1.1 mm
s max	1 mm
Dw	6.5 mm
Lw	28 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	1.84 kg
Brand	NTN

Product performance

Cr	116 kN
C0r	252 kN
Nlim (grease)	2,500 Tr/min
Nlim (oil)	3,800 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	17.1 Hz
Characteristic outer ring frequency, BPF0	16.95 Hz
Characteristic inner ring frequency, BPFI	19.05 Hz

Abutment dimensions

da min	96.5 mm
Da max	118.5 mm
ras max	1 mm