

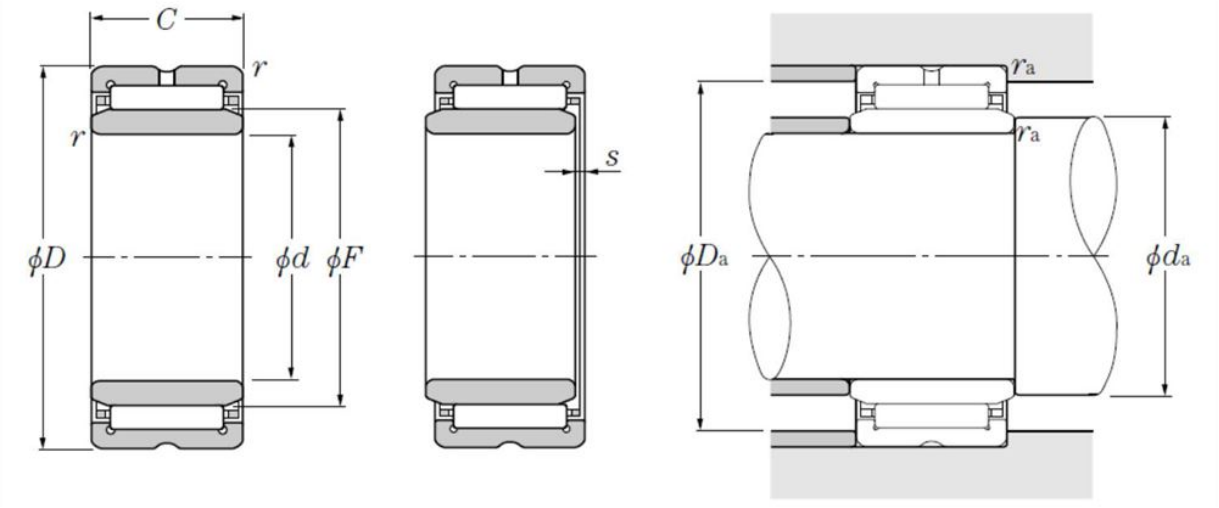
Technical data

NA4920C3

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	100 mm
D	140 mm
C	40 mm
F	115 mm
rs min	1.1 mm
s max	2 mm
Dw	7.5 mm
Lw	30 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Lubrication hole on inner ring	Non/No
Radial clearance class	C3
Precision class	P0
Mass	1.93 kg
Brand	NTN

Product performance

Cr	127 kN
C0r	260 kN
Nlim (grease)	2,300 Tr/min
Nlim (oil)	3,500 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	16.27 Hz
Characteristic outer ring frequency, BPF0	14.08 Hz
Characteristic inner ring frequency, BPFI	15.92 Hz

Abutment dimensions

da min	106.5 mm
Da max	133.5 mm
ras max	1 mm