

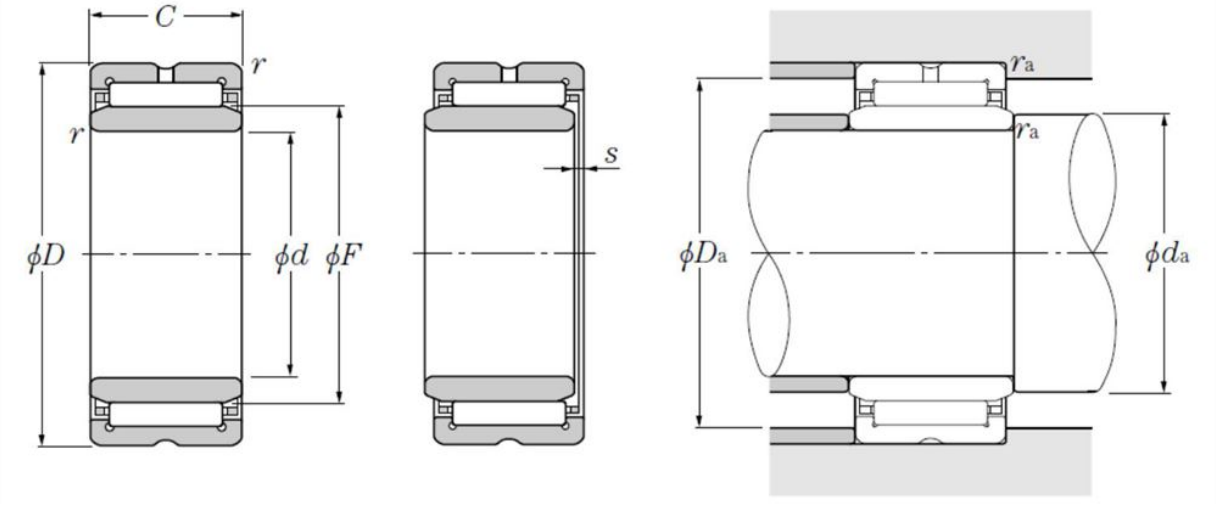
Technical data

NA4822

Needle roller bearing, machined-ring, with inner ring

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

Visual(s)



Product definition

d	110 mm
D	140 mm
C	30 mm
F	120 mm
rs min	1 mm
s max	0.8 mm
Dw	6 mm
Lw	24 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	1.11 kg
Brand	NTN

Product performance

Cr	93.5 kN
C0r	210 kN
Nlim (grease)	2,200 Tr/min
Nlim (oil)	3,300 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.48 Hz
Characteristic rolling element frequency, BSF	20.95 Hz
Characteristic outer ring frequency, BPF0	18.1 Hz
Characteristic inner ring frequency, BPFI	19.9 Hz

Abutment dimensions

da min	115 mm
Da max	135 mm
ras max	1 mm