

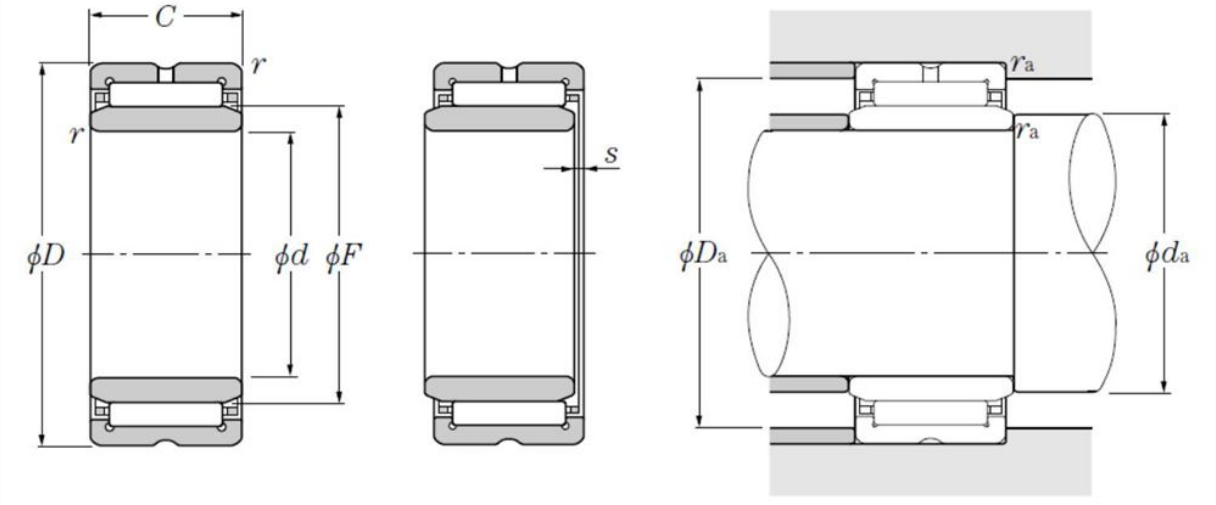
Technical data

NA4838

Needle roller bearing, machined-ring, with inner ring

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

Visual(s)



Product definition

d	190 mm
D	240 mm
C	50 mm
F	210 mm
rs min	1.5 mm
s max	1.5 mm
Dw	7.5 mm
Lw	40 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	5.62 kg
Brand	NTN

Product performance

Cr	227 kN
C0r	680 kN
Nlim (grease)	1,300 Tr/min
Nlim (oil)	1,900 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	28.97 Hz
Characteristic outer ring frequency, BPF0	27.03 Hz
Characteristic inner ring frequency, BPFI	28.97 Hz

Abutment dimensions

da min	198 mm
Da max	232 mm
ras max	1.5 mm