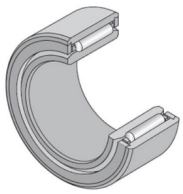
Technical data

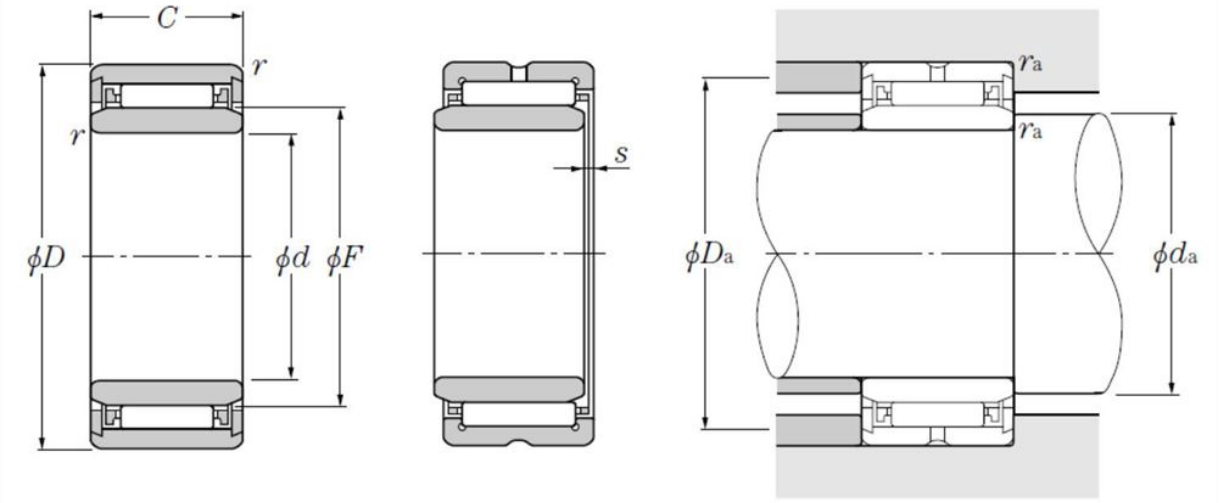
NK12/16+1R9X12X16

Needle roller bearing, machined-ring, with inner ring



Needle roller bearing, machined-rings, with inner ring, double-side plates, lubrication hole

Visual(s)



Product definition

d	9 mm
D	19 mm
C	16 mm
F	12 mm
rs min	0.3 mm
s max	2 mm
Dw	1.5 mm
Lw	12.8 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	1R9X12X16
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.02 kg
Brand	NTN

Product performance

Cr	6 kN
C0r	7.7 kN
Nlim (grease)	17,000 Tr/min
Nlim (oil)	26,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.89 Hz
Characteristic outer ring frequency, BPF0	6.22 Hz
Characteristic inner ring frequency, BPFI	7.78 Hz

Abutment dimensions

da min	11 mm
Da max	13.5 mm
ras max	0.3 mm