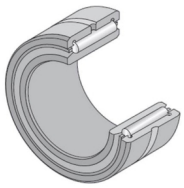
Technical datasheet

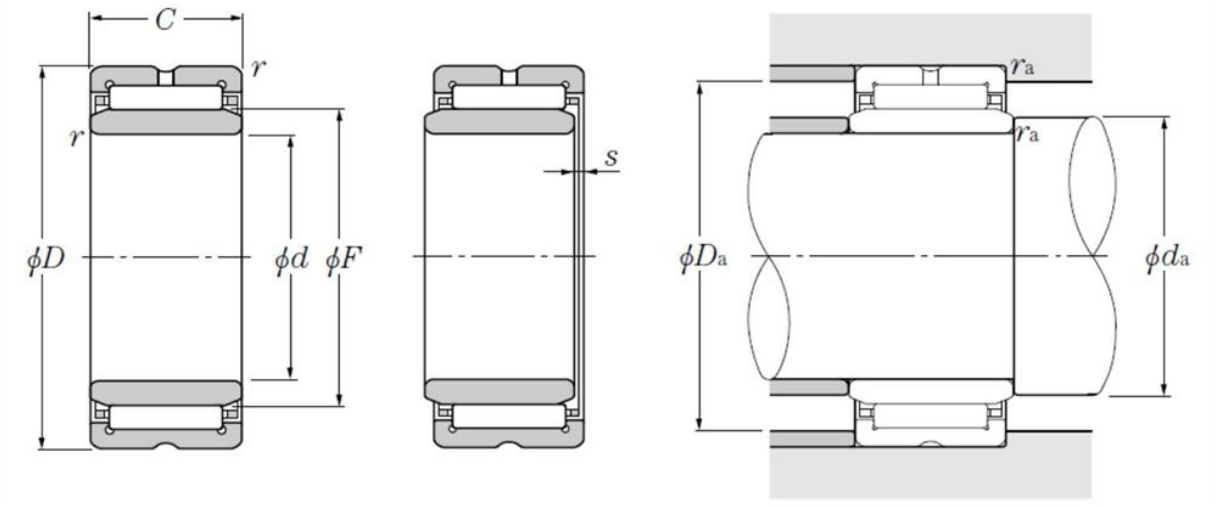
NK47/20RCT+1R42X47X20

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	42 mm
D	57 mm
C	20 mm
F	47 mm
rs min	0.3 mm
s max	0.5 mm
Dw	3 mm
Lw	15.6 mm
Lubrication hole on outer ring	Oui/Yes
k	3 mm
Inner ring reference	1R42X47X20
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.15 kg
Brand	NTN

Product performance

Cr	28.8 kN
C0r	55.5 kN
Nlim (grease)	5,500 rpm
Nlim (oil)	8,500 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	16.61 Hz
Characteristic outer ring frequency, BPF0	15.04 Hz
Characteristic inner ring frequency, BPFI	16.96 Hz

Abutment dimensions

da min	44 mm
Da max	55 mm
ras max	0.3 mm