

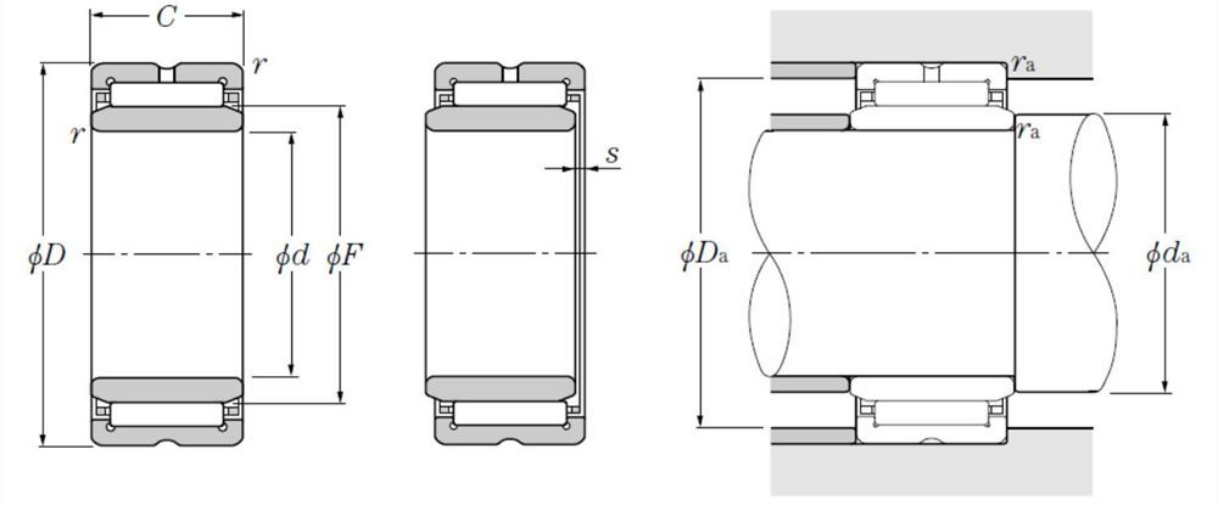
Technical data

NK47/30R+1R42X47X30

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	30 mm
F	47 mm
rs min	0.3 mm
s max	1 mm
Dw	3 mm
Lw	25.4 mm
Lubrication hole on outer ring	Oui/Yes
k	3 mm
Inner ring reference	1R42X47X30
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.22 kg
Brand	NTN

Product performance

Cr	42.5 kN
C0r	91.5 kN
Nlim (grease)	5,500 Tr/min
Nlim (oil)	8,500 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	16.61 Hz
Characteristic outer ring frequency, BPF0	14.57 Hz
Characteristic inner ring frequency, BPFI	16.43 Hz

Abutment dimensions

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