

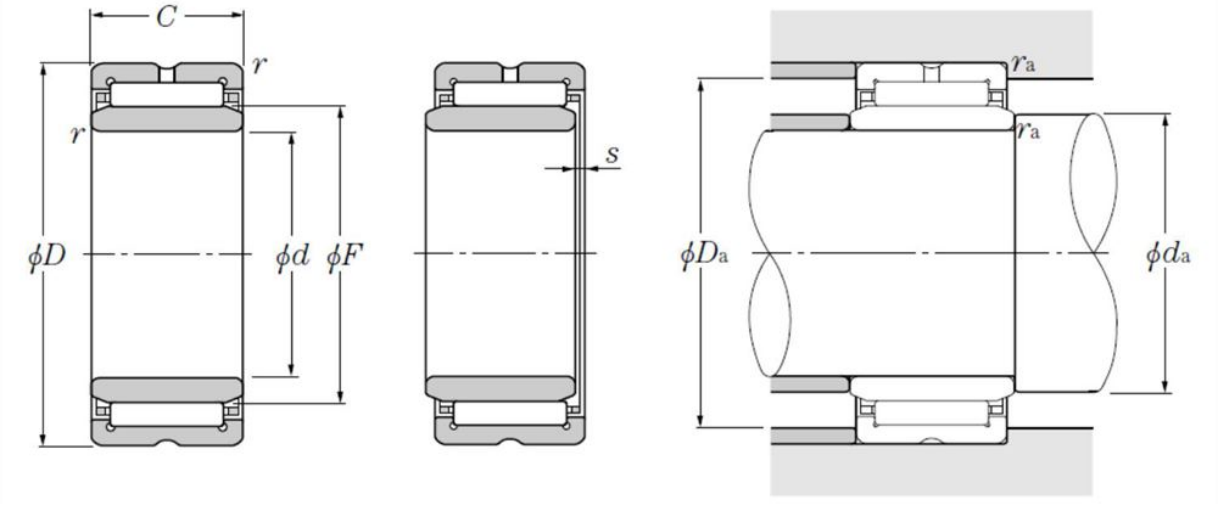
Technical data

NK80/35R+1R70X80X35

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	70 mm
D	95 mm
C	35 mm
F	80 mm
rs min	1 mm
s max	0.8 mm
Dw	4.5 mm
Lw	28.8 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Inner ring reference	1R70X80X35
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.74 kg
Brand	NTN

Product performance

Cr	79.5 kN
C0r	184 kN
Nlim (grease)	3,300 Tr/min
Nlim (oil)	5,000 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	18.72 Hz
Characteristic outer ring frequency, BPF0	17.04 Hz
Characteristic inner ring frequency, BPFI	18.96 Hz

Abutment dimensions

da min	75 mm
Da max	90 mm
ras max	1 mm