

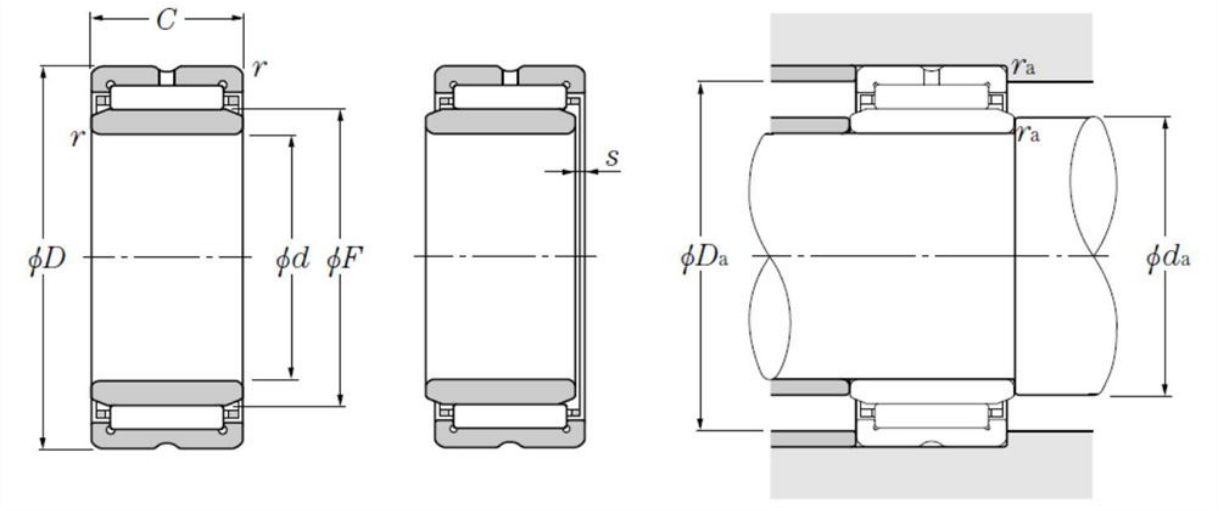
Technical data

NK90/35R+1R80X90X35

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	80 mm
D	110 mm
C	35 mm
F	90 mm
rs min	1 mm
s max	1 mm
Dw	6.5 mm
Lw	28 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Inner ring reference	1R80X90X35
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.96 kg
Brand	NTN

Product performance

Cr	104 kN
C0r	208 kN
Nlim (grease)	2,900 Tr/min
Nlim (oil)	4,400 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	14.78 Hz
Characteristic outer ring frequency, BPF0	13.99 Hz
Characteristic inner ring frequency, BPFI	16.01 Hz

Abutment dimensions

da min	85 mm
Da max	105 mm
ras max	1 mm