

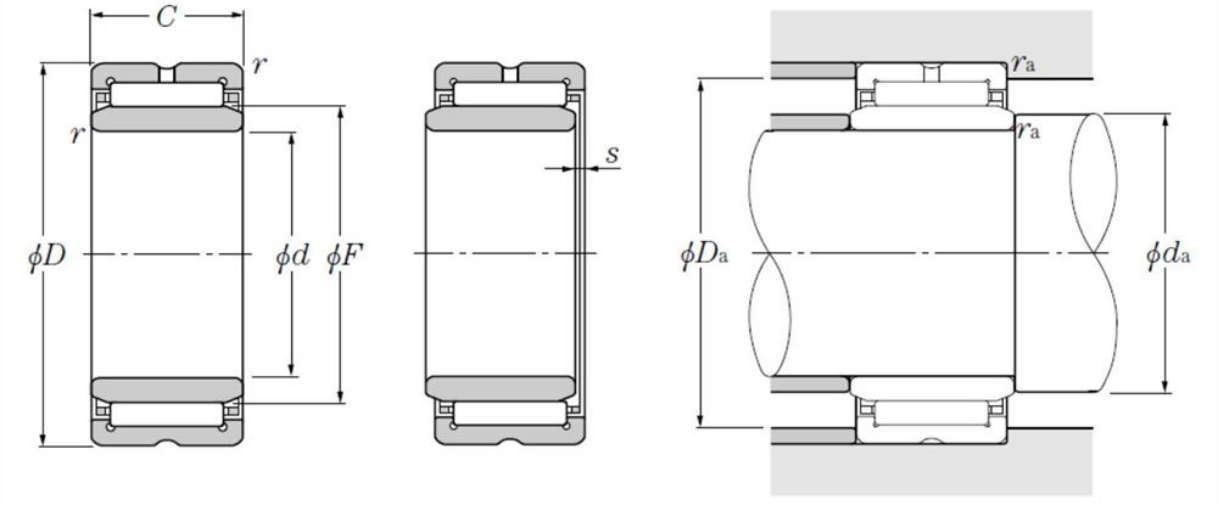
Technical data

NK55/35R+1R50X55X35

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	50 mm
D	68 mm
C	35 mm
F	55 mm
rs min	0.6 mm
s max	2 mm
Dw	3.5 mm
Lw	27.8 mm
Lubrication hole on outer ring	Oui/Yes
k	3 mm
Inner ring reference	1R50X55X35
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.38 kg
Brand	NTN

Product performance

Cr	54 kN
C0r	118 kN
Nlim (grease)	5,000 Tr/min
Nlim (oil)	7,500 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	16.65 Hz
Characteristic outer ring frequency, BPF0	14.57 Hz
Characteristic inner ring frequency, BPFI	16.43 Hz

Abutment dimensions

da min	53 mm
Da max	64 mm
ras max	0.6 mm