

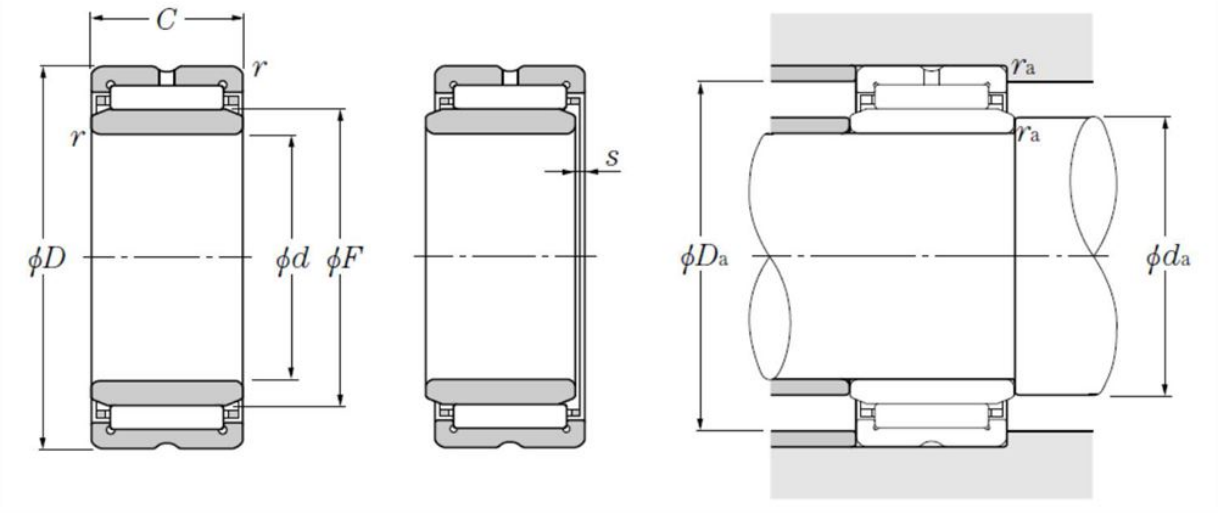
Technical data

NK50/35R+1R45X50X35

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	45 mm
D	62 mm
C	35 mm
F	50 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	1R45X50X35
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.32 kg
Brand	NTN

Product performance

Cr	51 kN
C0r	106 kN
Nlim (grease)	5,500 Tr/min
Nlim (oil)	8,000 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	15.22 Hz
Characteristic outer ring frequency, BPF0	13.08 Hz
Characteristic inner ring frequency, BPFI	14.92 Hz

Abutment dimensions

da min	48 mm
Da max	58 mm
ras max	0.6 mm