

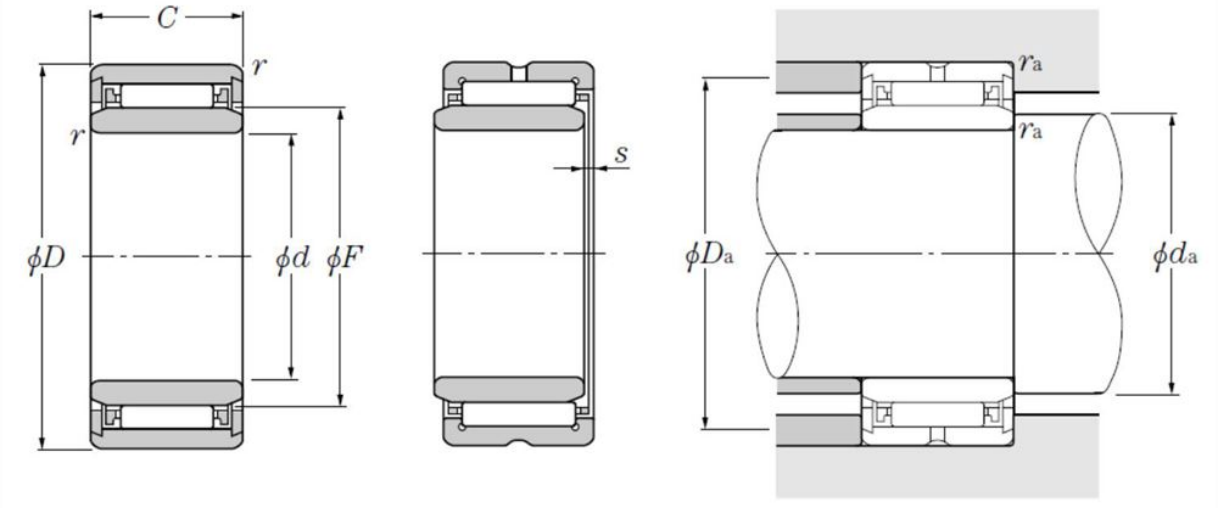
Technical data

NK8/16+1R5X8X16

Needle roller bearing, machined-ring, with inner ring

Needle roller bearing, machined-rings, with inner ring, double-side plates, lubrication hole

Visual(s)



Product definition

d	5 mm
D	15 mm
C	16 mm
F	8 mm
rs min	0.3 mm
s max	2 mm
Dw	1.5 mm
Lw	12.8 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	1R5X8X16
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.02 kg
Brand	NTN

Product performance

Cr	4.85 kN
C0r	5.2 kN
Nlim (grease)	21,000 Tr/min
Nlim (oil)	32,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	100 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.18 Hz
Characteristic outer ring frequency, BPF0	4.21 Hz
Characteristic inner ring frequency, BPFI	5.79 Hz

Abutment dimensions

da min	7 mm
Da max	9.5 mm
ras max	0.3 mm