

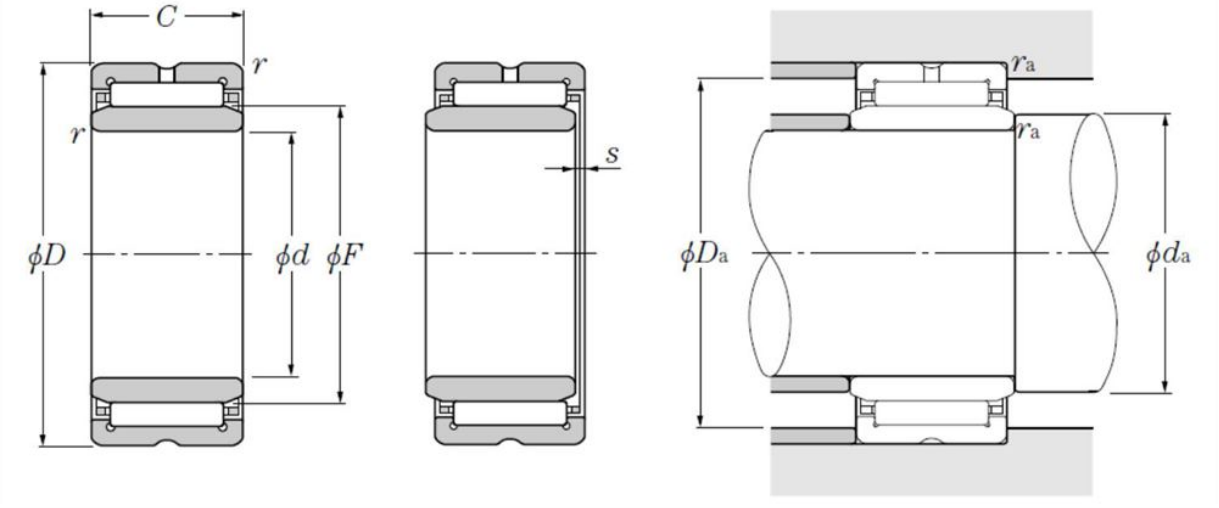
Technical data

NK100/26R+1R90X100X26

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	90 mm
D	120 mm
C	26 mm
F	100 mm
rs min	1 mm
s max	1.5 mm
Dw	6.5 mm
Lw	18 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Inner ring reference	1R90X100X26
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.78 kg
Brand	NTN

Product performance

Cr	73.5 kN
C0r	137 kN
Nlim (grease)	2,700 Tr/min
Nlim (oil)	4,000 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	16.32 Hz
Characteristic outer ring frequency, BPF0	15.02 Hz
Characteristic inner ring frequency, BPFI	16.98 Hz

Abutment dimensions

da min	95 mm
Da max	115 mm
ras max	1 mm