

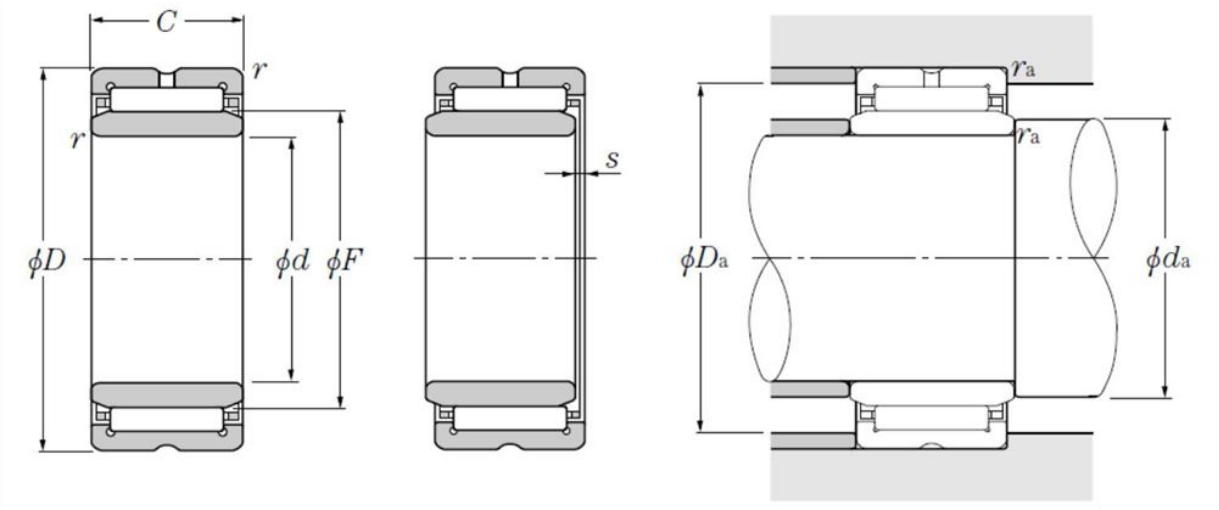
Technical data

NK110/30R+1R100X110X30

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	100 mm
D	130 mm
C	30 mm
F	110 mm
rs min	1.1 mm
s max	1.5 mm
Dw	6.5 mm
Lw	23 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Inner ring reference	1R100X110X30
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.99 kg
Brand	NTN

Product performance

Cr	97.5 kN
C0r	204 kN
Nlim (grease)	2,400 Tr/min
Nlim (oil)	3,600 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	17.87 Hz
Characteristic outer ring frequency, BPF0	17 Hz
Characteristic inner ring frequency, BPFI	19 Hz

Abutment dimensions

da min	106.5 mm
Da max	123.5 mm
ras max	1 mm