

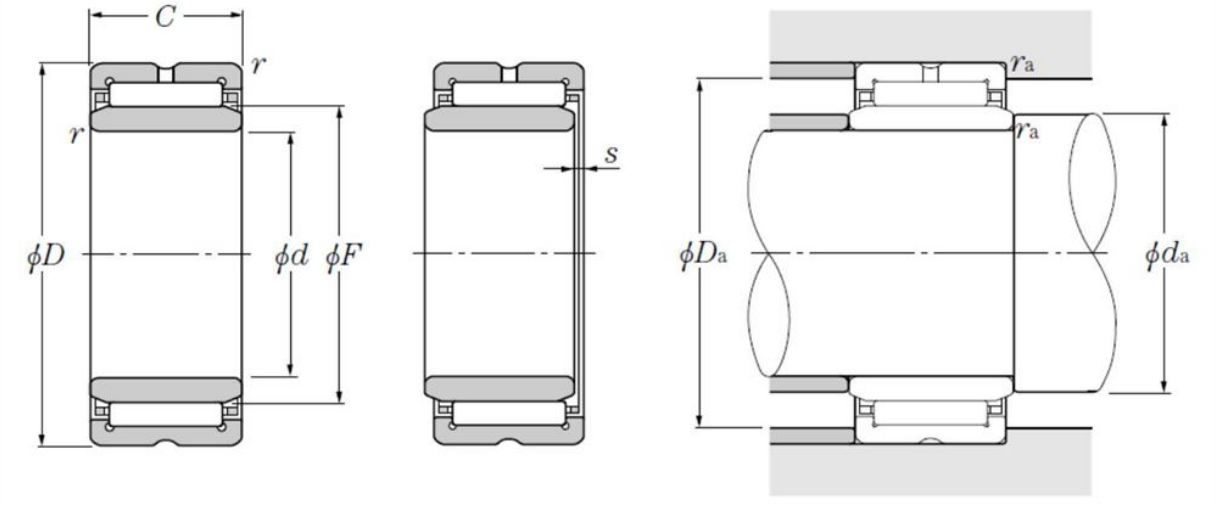
Technical data

NK14/20R+1R10X14X20

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	10 mm
D	22 mm
C	20 mm
F	14 mm
rs min	0.3 mm
s max	0.5 mm
Dw	2.5 mm
Lw	16.8 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	1R10X14X20
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.04 kg
Brand	NTN

Product performance

Cr	13 kN
C0r	15.6 kN
Nlim (grease)	16,000 Tr/min
Nlim (oil)	24,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.45 Hz
Characteristic outer ring frequency, BPF0	4.67 Hz
Characteristic inner ring frequency, BPFI	6.33 Hz

Abutment dimensions

da min	12 mm
Da max	20 mm
ras max	0.3 mm