

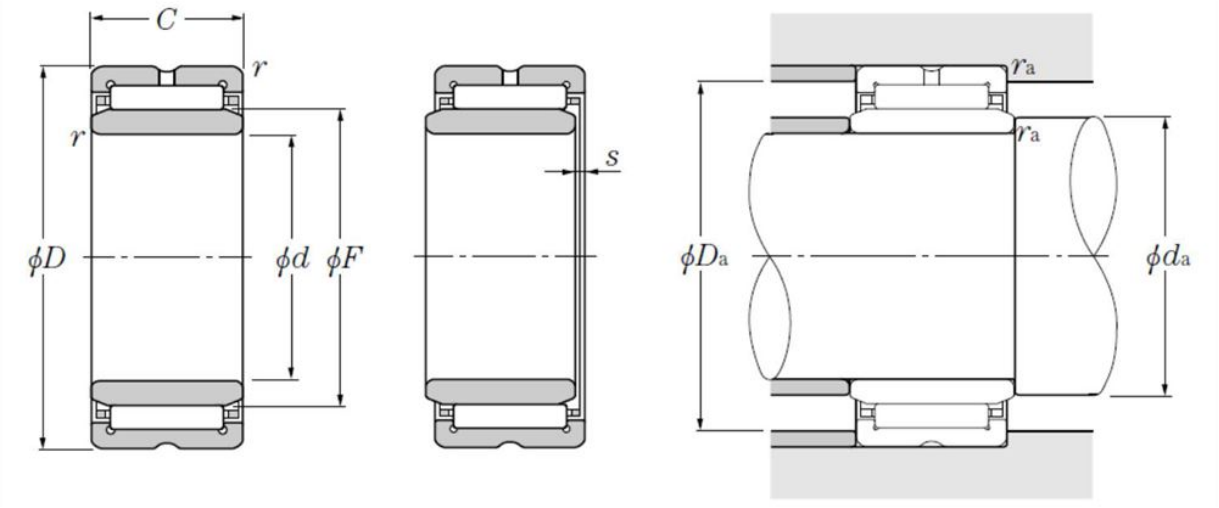
Technical data

NK16/20R+1R12X16X20

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	12 mm
D	24 mm
C	20 mm
F	16 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	1R12X16X20
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.04 kg
Brand	NTN

Product performance

Cr	14.6 kN
C0r	18.8 kN
Nlim (grease)	15,000 Tr/min
Nlim (oil)	23,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.26 Hz
Characteristic outer ring frequency, BPF0	5.62 Hz
Characteristic inner ring frequency, BPFI	7.38 Hz

Abutment dimensions

da min	14 mm
Da max	22 mm
ras max	0.3 mm