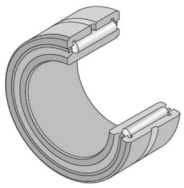
Technical data

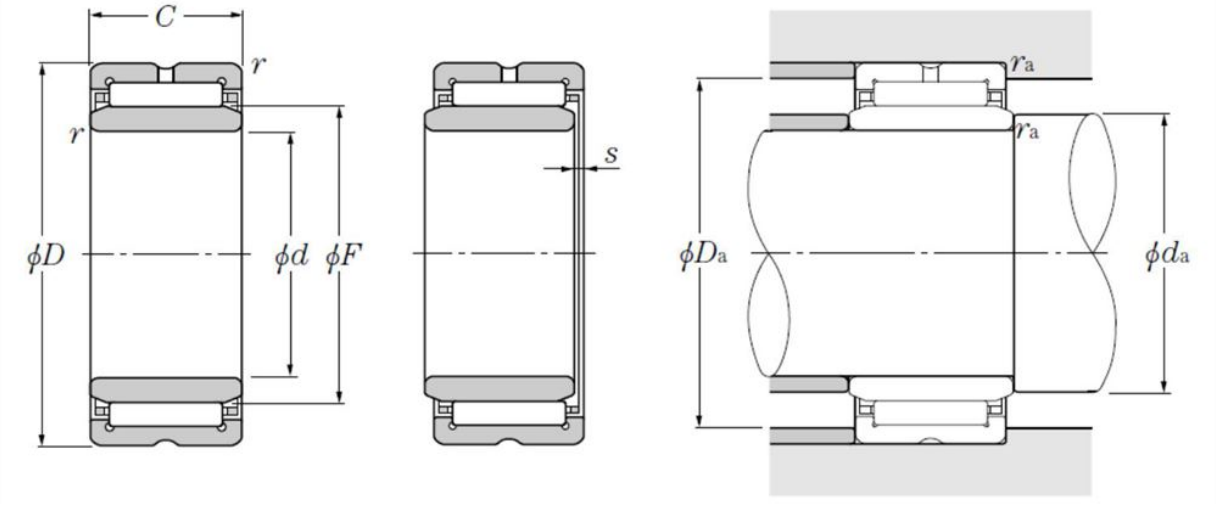
NK45/20R+1R40X45X20

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	40 mm
D	55 mm
C	20 mm
F	45 mm
rs min	0.3 mm
s max	0.5 mm
Dw	3 mm
Lw	15.8 mm
Lubrication hole on outer ring	Oui/Yes
k	3 mm
Inner ring reference	1R40X45X20
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.14 kg
Brand	NTN

Product performance

Cr	28 kN
C0r	52.5 kN
Nlim (grease)	6,000 Tr/min
Nlim (oil)	9,000 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	15.94 Hz
Characteristic outer ring frequency, BPF0	14.06 Hz
Characteristic inner ring frequency, BPFI	15.94 Hz

Abutment dimensions

da min	42 mm
Da max	53 mm
ras max	0.3 mm