

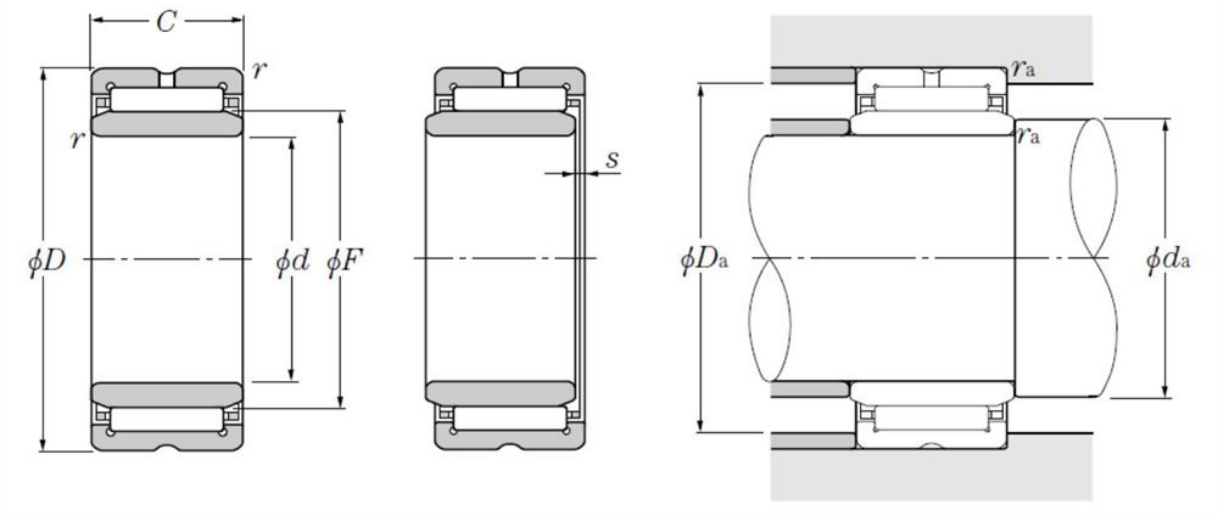
Technical data

NK24/16R+1R20X24X16

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	20 mm
D	32 mm
C	16 mm
F	24 mm
rs min	0.3 mm
s max	0.5 mm
Dw	2.5 mm
Lw	12.8 mm
Lubrication hole on outer ring	Oui/Yes
k	2.5 mm
Inner ring reference	1R20X24X16
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.05 kg
Brand	NTN

Product performance

Cr	15.2 kN
C0r	22.3 kN
Nlim (grease)	11,000 Tr/min
Nlim (oil)	17,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	10.51 Hz
Characteristic outer ring frequency, BPF0	9.06 Hz
Characteristic inner ring frequency, BPFI	10.94 Hz

Abutment dimensions

da min	22 mm
Da max	30 mm
ras max	0.3 mm