

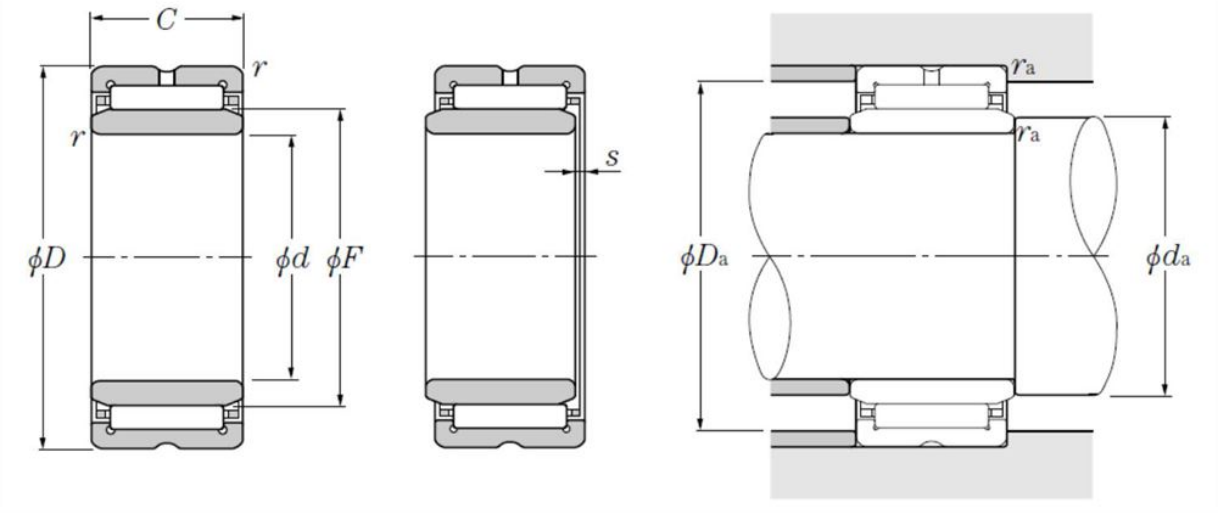
Technical data

NK32/20R+1R28X32X20

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	28 mm
D	42 mm
C	20 mm
F	32 mm
rs min	0.3 mm
s max	1 mm
Dw	3 mm
Lw	15.8 mm
Lubrication hole on outer ring	Oui/Yes
k	3 mm
Inner ring reference	1R28X32X20
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.1 kg
Brand	NTN

Product performance

Cr	23.5 kN
C0r	37.5 kN
Nlim (grease)	8,500 Tr/min
Nlim (oil)	13,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	11.58 Hz
Characteristic outer ring frequency, BPF0	10.06 Hz
Characteristic inner ring frequency, BPFI	11.94 Hz

Abutment dimensions

da min	30 mm
Da max	40 mm
ras max	0.3 mm