

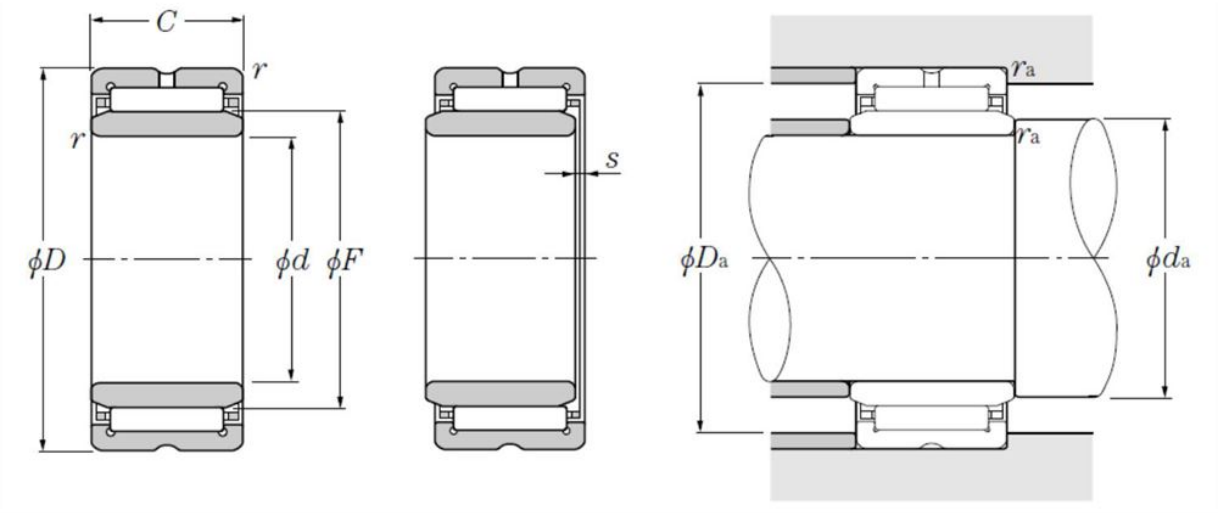
Technical data

NK37/20R+1R32X37X20

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	32 mm
D	47 mm
C	20 mm
F	37 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	1R32X37X20
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.12 kg
Brand	NTN

Product performance

Cr	25.3 kN
C0r	43.5 kN
Nlim (grease)	7,500 Tr/min
Nlim (oil)	11,000 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	13.26 Hz
Characteristic outer ring frequency, BPF0	11.56 Hz
Characteristic inner ring frequency, BPFI	13.44 Hz

Abutment dimensions

da min	34 mm
Da max	45 mm
ras max	0.3 mm