

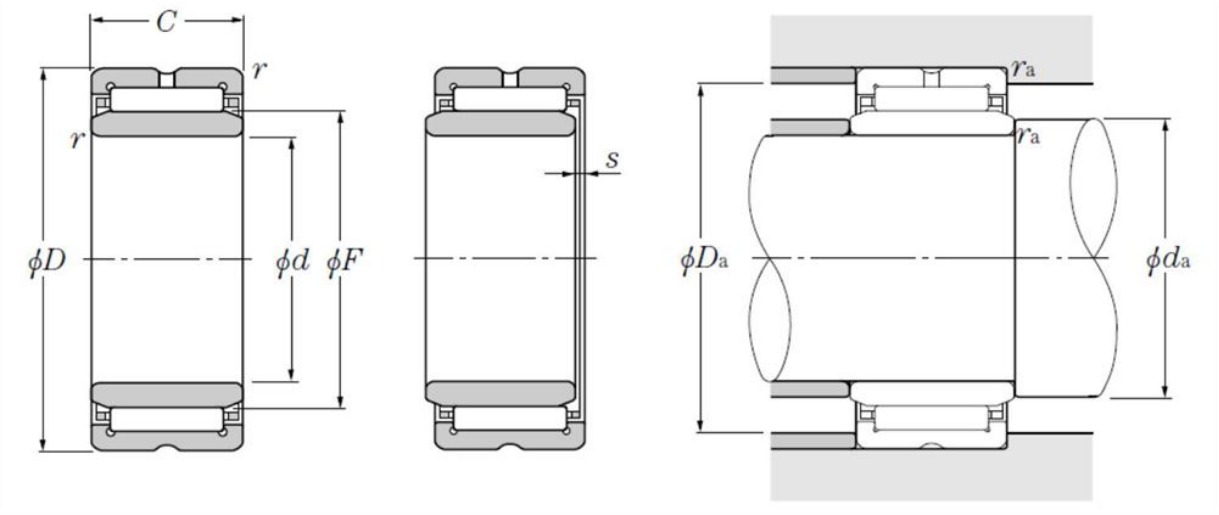
Technical data

NK85/35R+1R75X85X35

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	75 mm
D	105 mm
C	35 mm
F	85 mm
rs min	1 mm
s max	1 mm
Dw	6.5 mm
Lw	28 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Inner ring reference	1R75X85X35
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.85 kg
Brand	NTN

Product performance

Cr	100 kN
C0r	193 kN
Nlim (grease)	3,100 Tr/min
Nlim (oil)	4,700 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	14.01 Hz
Characteristic outer ring frequency, BPF0	13 Hz
Characteristic inner ring frequency, BPFI	15 Hz

Abutment dimensions

da min	80 mm
Da max	100 mm
ras max	1 mm