

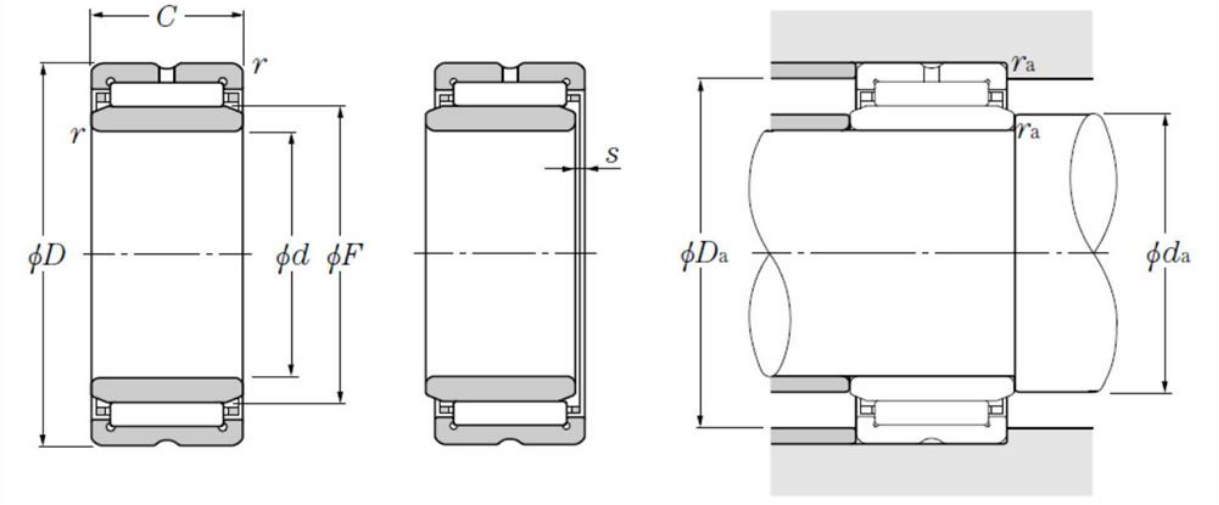
Technical datasheet

8Q-NK68/35RV2+1R60X68X35C3

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	60 mm
D	82 mm
C	35 mm
F	68 mm
rs min	0.6 mm
s max	1 mm
Dw	4 mm
Lw	27.8 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Inner ring reference	1R60X68X35
Lubrication hole on inner ring	Non/No
Radial clearance class	C3
Precision class	P0
Mass	0.55 kg
Brand	NTN

Product performance

Cr	63 kN
C0r	139 kN
Nlim (grease)	4,000 rpm
Nlim (oil)	6,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	17.94 Hz
Characteristic outer ring frequency, BPF0	15.11 Hz
Characteristic inner ring frequency, BPFI	16.89 Hz

Abutment dimensions

da min	64 mm
Da max	78 mm
ras max	0.6 mm