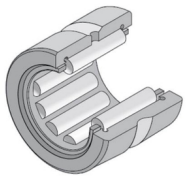
Technical data

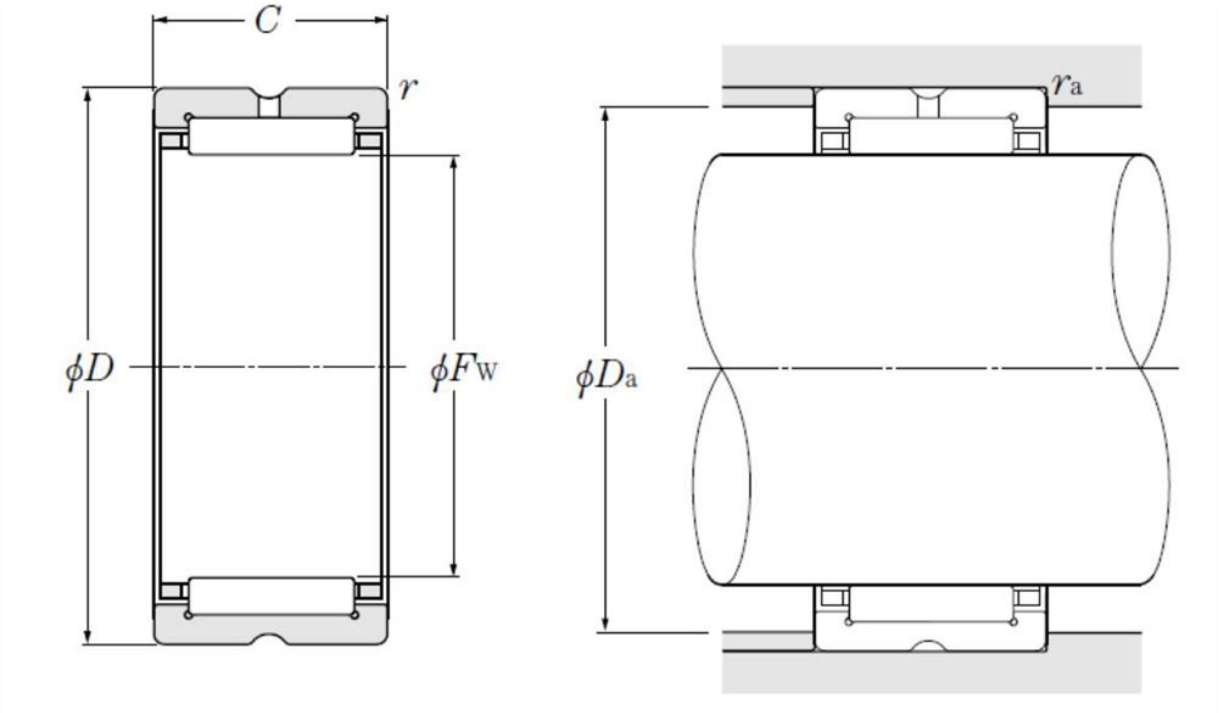
NK85/35R

Needle roller bearing, machined-ring, without inner ring



Needle roller bearing, machined-ring, without inner ring, double-side ribs, lubrication hole

Visual(s)



Product definition

Fw	85 mm
D	105 mm
C	35 mm
rs min	1 mm
Dw	6.5 mm
Lw	28 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Radial clearance class	CN
Precision class	P0
Mass	0.52 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 max	100 mm
ras max	1 mm