

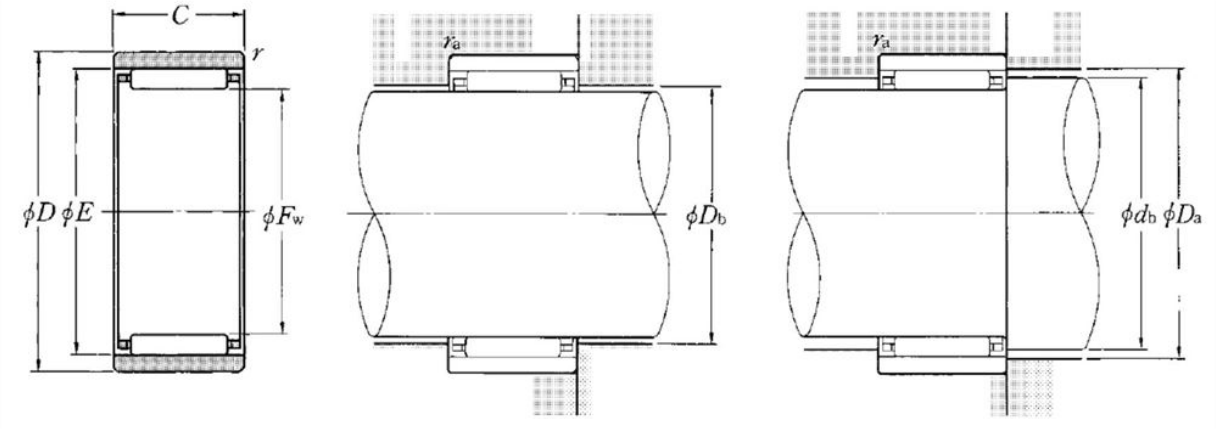
Technical data

RNA0-100X120X30

Needle roller bearing, machined-ring, separable, without inner ring

Needle roller bearing, machined-ring, separable, without inner ring

Visual(s)



Product definition

Fw	100 mm
D	120 mm
C	30 mm
E	108 mm
rs min	1 mm
Dw	4 mm
Lw	25.4 mm
Lubrication hole on outer ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.69 kg
Brand	NTN

Product performance

Cr	76 kN
C0r	201 kN
Nlim (grease)	2,700 Tr/min
Nlim (oil)	4,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.48 Hz
Characteristic rolling element frequency, BSF	25.96 Hz
Characteristic outer ring frequency, BPF0	23.08 Hz
Characteristic inner ring frequency, BPFI	24.92 Hz

Abutment dimensions

db	107.2 mm
Da max	115 mm
Db	101 mm
ras max	1 mm