

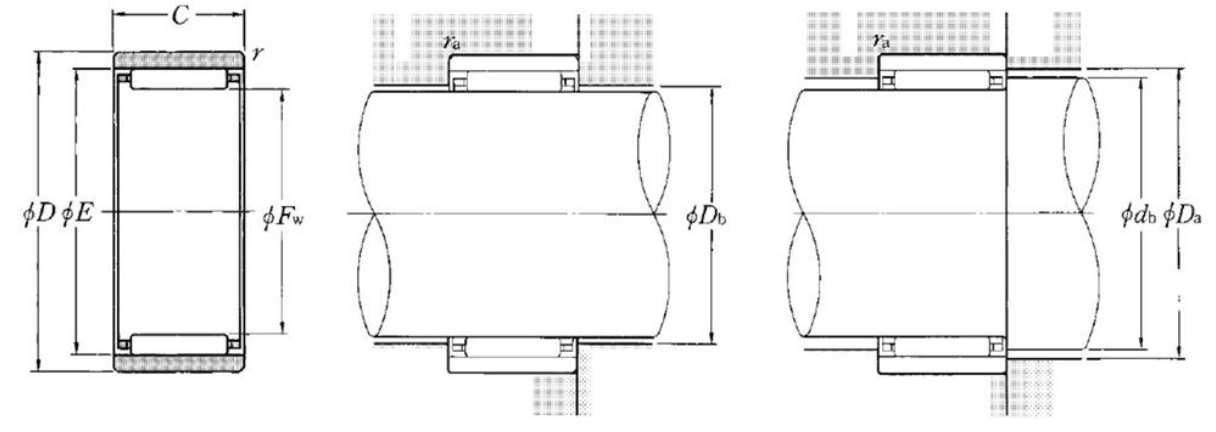
Technical data

RNA0-80X100X30

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

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Visual(s)



Product definition

Fw	80 mm
D	100 mm
C	30 mm
E	88 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	0.58 kg
Brand	NTN

Product performance

Cr	69 kN
C0r	166 kN
Nlim (grease)	3,300 Tr/min
Nlim (oil)	5,000 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	20.95 Hz
Characteristic outer ring frequency, BPF0	19.05 Hz
Characteristic inner ring frequency, BPFI	20.95 Hz

Abutment dimensions

db	87.2 mm
Da max	95 mm
Db	81 mm
ras max	1 mm