

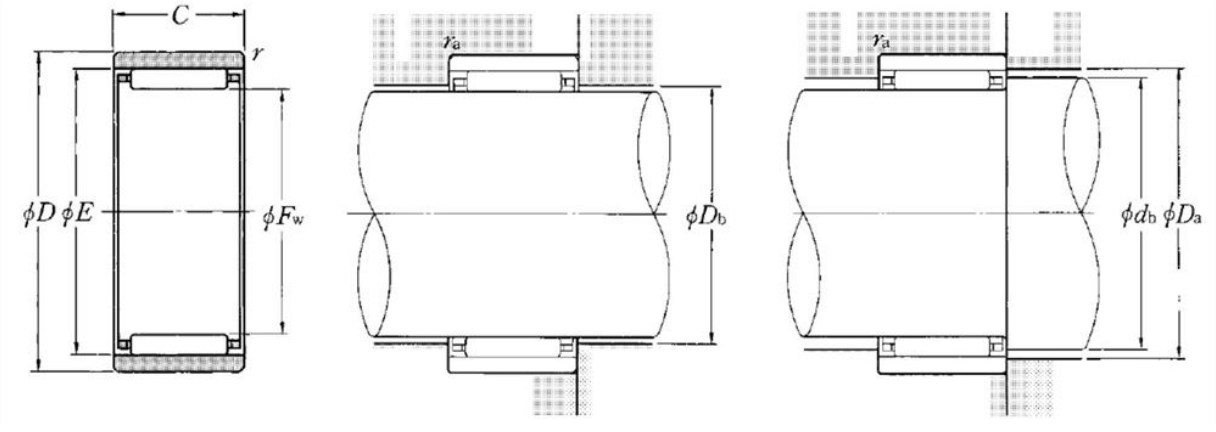
Technical data

RNA0-5X10X8T2

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

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Visual(s)



Product definition

Fw	5 mm
D	10 mm
C	8 mm
E	8 mm
rs min	0.15 mm
Dw	1.5 mm
Lw	5.8 mm
Lubrication hole on outer ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.003 kg
Brand	NTN

Product performance

Cr	2.64 kN
C0r	2.19 kN
Nlim (grease)	27,000 Tr/min
Nlim (oil)	40,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.38 Hz
Characteristic rolling element frequency, BSF	4.1 Hz
Characteristic outer ring frequency, BPF0	3.08 Hz
Characteristic inner ring frequency, BPFI	4.92 Hz

Abutment dimensions

db	7.7 mm
Da max	8.8 mm
Db	5.3 mm
ras max	0.15 mm