

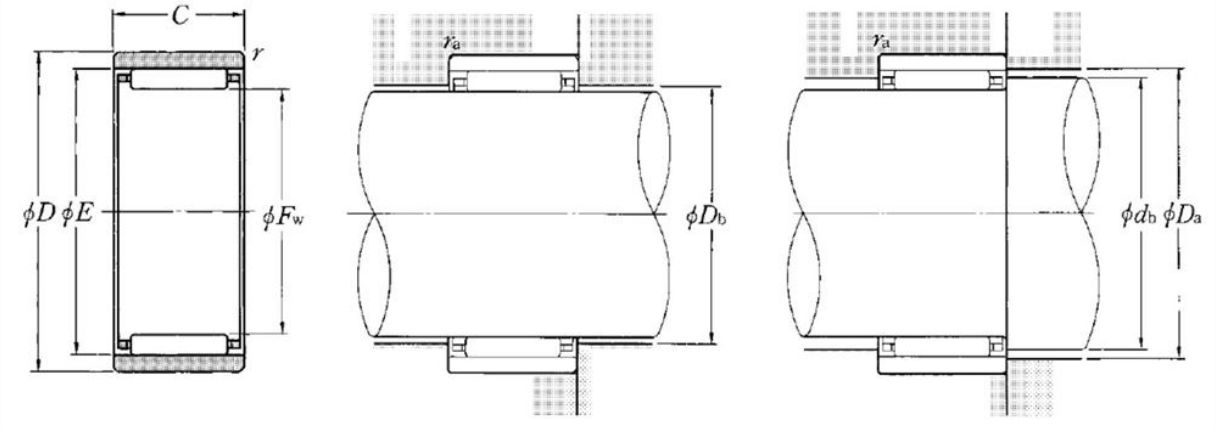
Technical data

RNA0-40X50X17V1

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

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Visual(s)



Product definition

Fw	40 mm
D	50 mm
C	17 mm
E	45 mm
rs min	0.3 mm
Dw	2.5 mm
Lw	13.8 mm
Lubrication hole on outer ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.07 kg
Brand	NTN

Product performance

Cr	21.8 kN
C0r	41.5 kN
Nlim (grease)	6,500 Tr/min
Nlim (oil)	10,000 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	16.94 Hz
Characteristic outer ring frequency, BPF0	14.12 Hz
Characteristic inner ring frequency, BPFI	15.88 Hz

Abutment dimensions

db	44.4 mm
Da max	48 mm
Db	40.6 mm
ras max	0.3 mm