

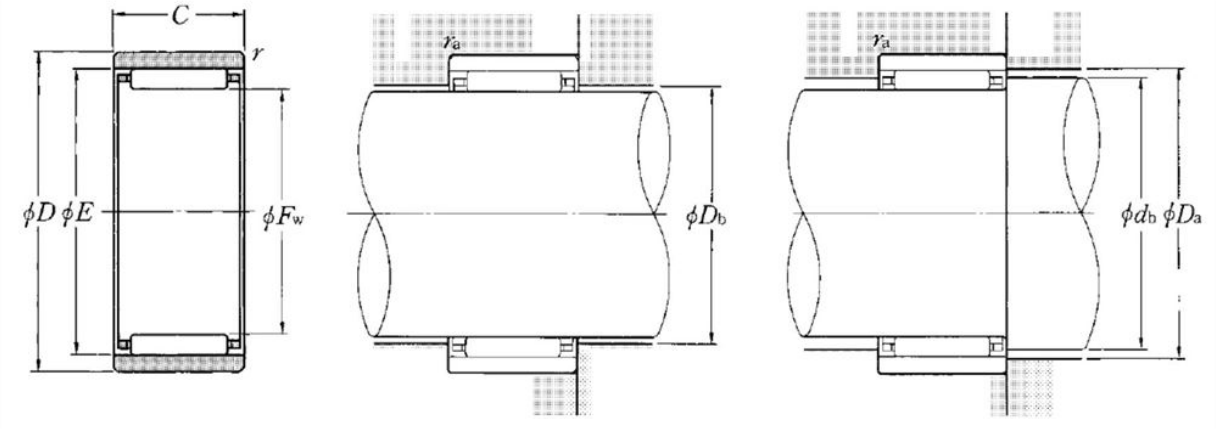
Technical data

RNA0-70X90X30

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

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Visual(s)



Product definition

Fw	70 mm
D	90 mm
C	30 mm
E	78 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	0.5 kg
Brand	NTN

Product performance

Cr	65.5 kN
C0r	149 kN
Nlim (grease)	3,800 Tr/min
Nlim (oil)	5,500 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	18.45 Hz
Characteristic outer ring frequency, BPF0	17.03 Hz
Characteristic inner ring frequency, BPFI	18.97 Hz

Abutment dimensions

db	77.2 mm
Da max	85 mm
Db	71 mm
ras max	1 mm