

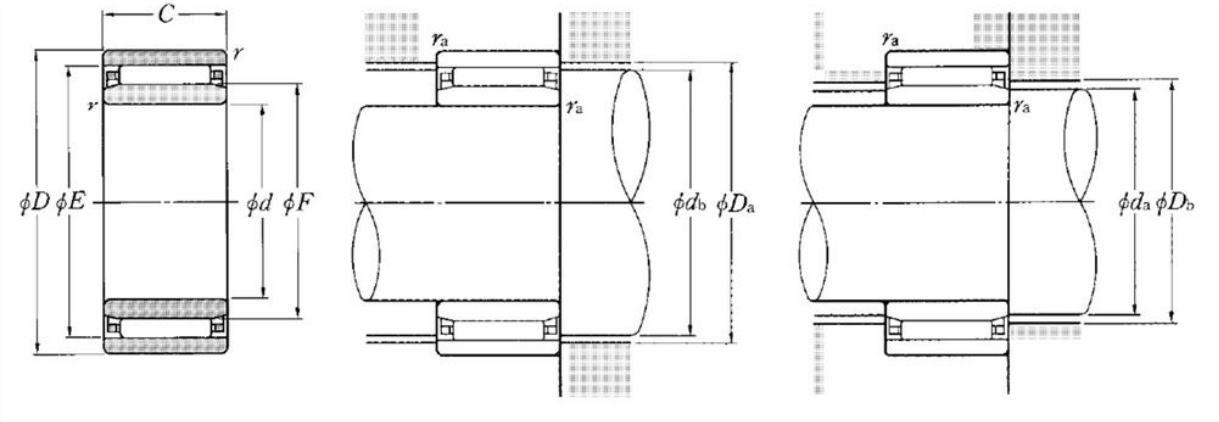
Technical data

NA0-50X68X20

Needle roller bearing, machined-ring, separable, with inner ring

Needle roller bearing, machined-rings, separable, with inner ring

Visual(s)



Product definition

d	45 mm
D	68 mm
C	20 mm
F	55 mm
E	60 mm
rs min	0.6 mm
Dw	2.5 mm
Lw	15.8 mm
Lubrication hole on outer ring	Non/No
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.23 kg
Brand	NTN

Product performance

Cr	28.8 kN
C0r	66.5 kN
Nlim (grease)	4,800 Tr/min
Nlim (oil)	7,500 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	22.96 Hz
Characteristic outer ring frequency, BPF0	19.61 Hz
Characteristic inner ring frequency, BPFI	21.39 Hz

Abutment dimensions

da min	54 mm
db	59.4 mm
Da max	64 mm
Db	55.8 mm
ras max	0.6 mm