

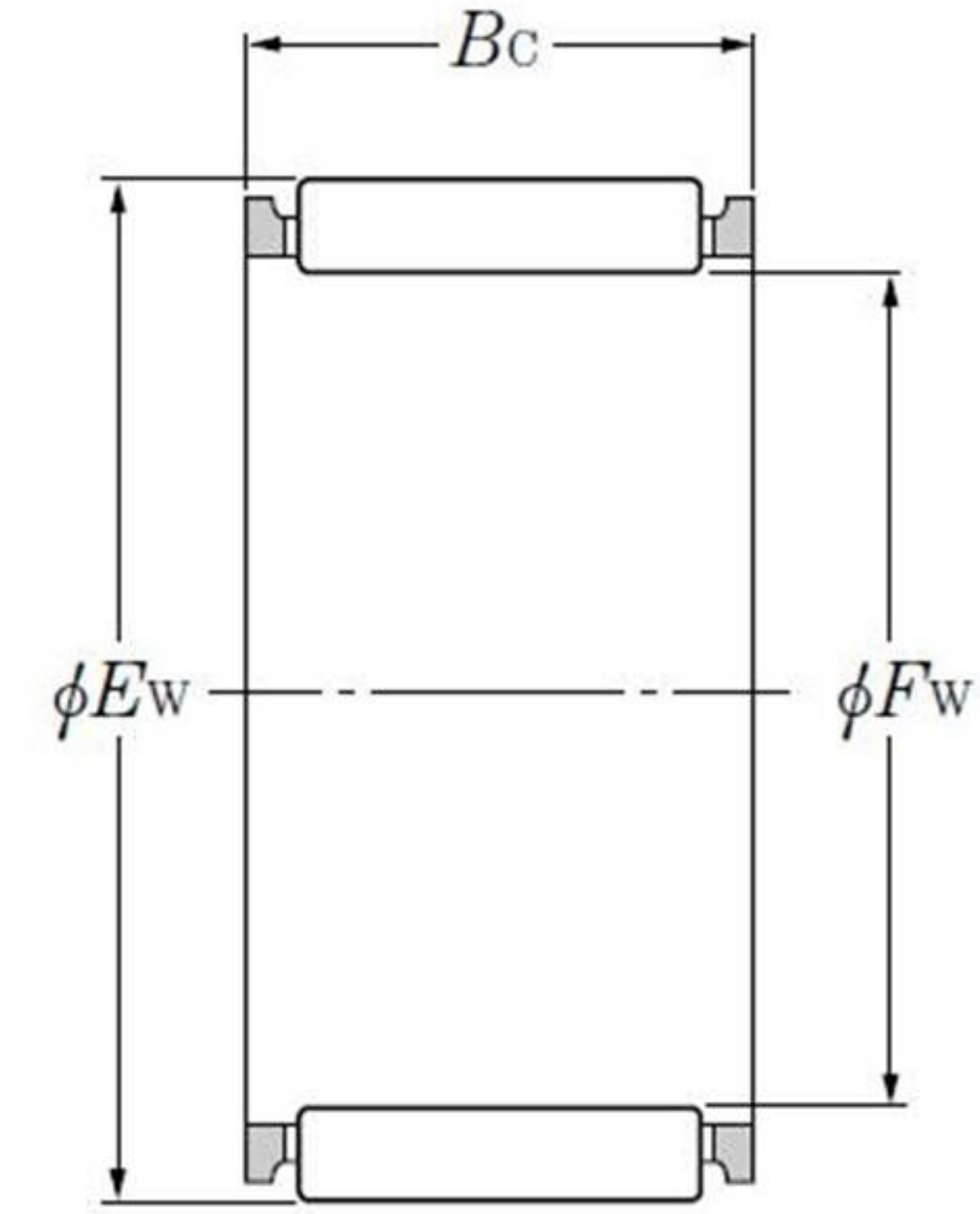
Technical data

K50X55X20

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition

Fw	50 mm
Ew	55 mm
Bc	20 mm
Dw	2.5 mm
Lw	16.8 mm
Mass	0.04 kg
Brand	NTN

Product performance

Cr	27.9 kN
C0r	62 kN
Nlim (grease)	5,500 Tr/min
Nlim (oil)	8,000 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	17.14 Hz
Characteristic inner ring frequency, BPFI	18.86 Hz

Abutment dimensions

b	20 mm