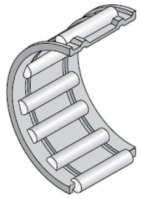
Technical data

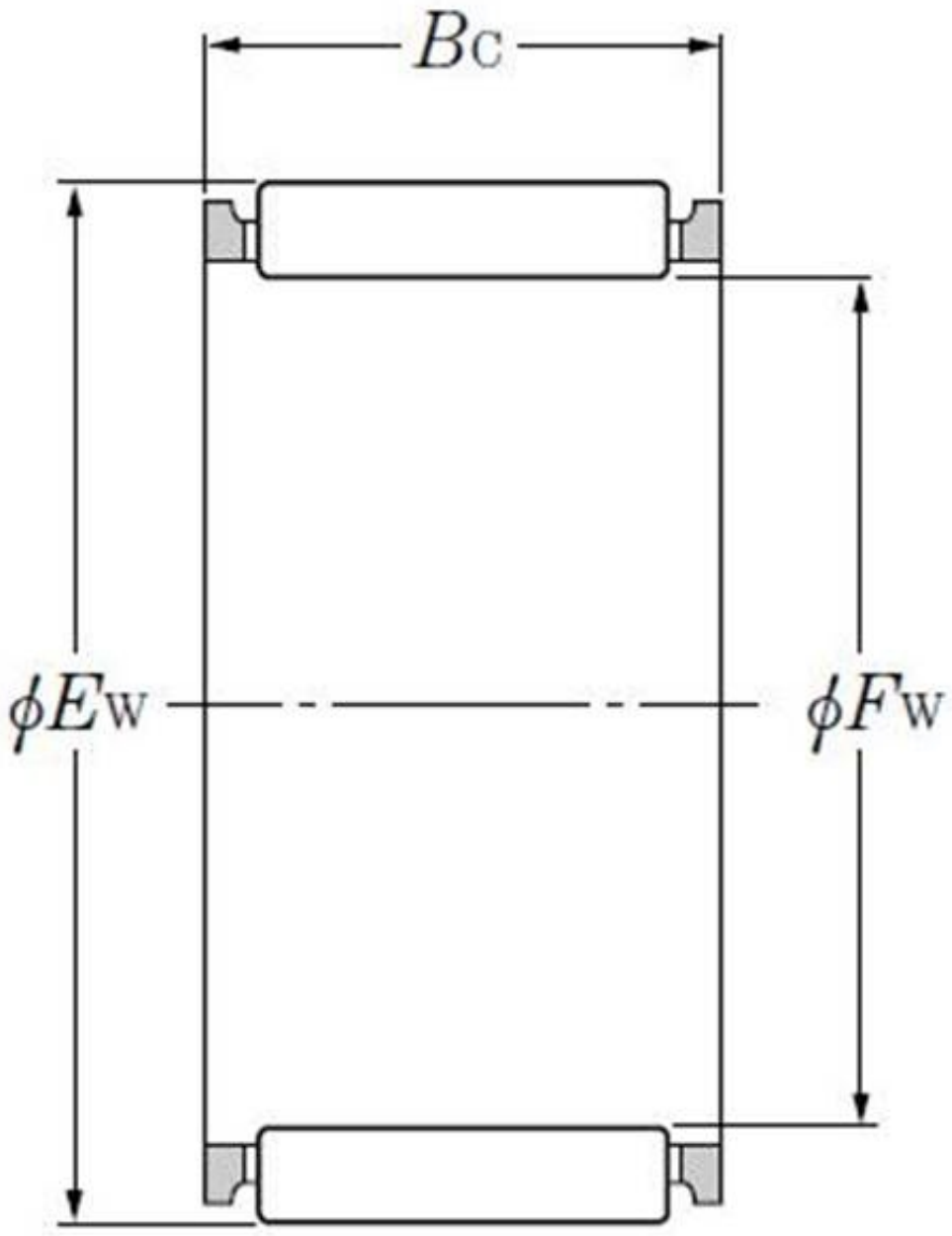
K50X55X27

Needle roller and cage assemblies



Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition

Fw	50 mm
Ew	55 mm
Bc	27 mm
Dw	2.5 mm
Lw	23.8 mm
Mass	0.06 kg
Brand	NTN

Product performance

Cr	37 kN
C0r	88.5 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	27 mm