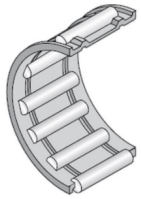
Technical datasheet

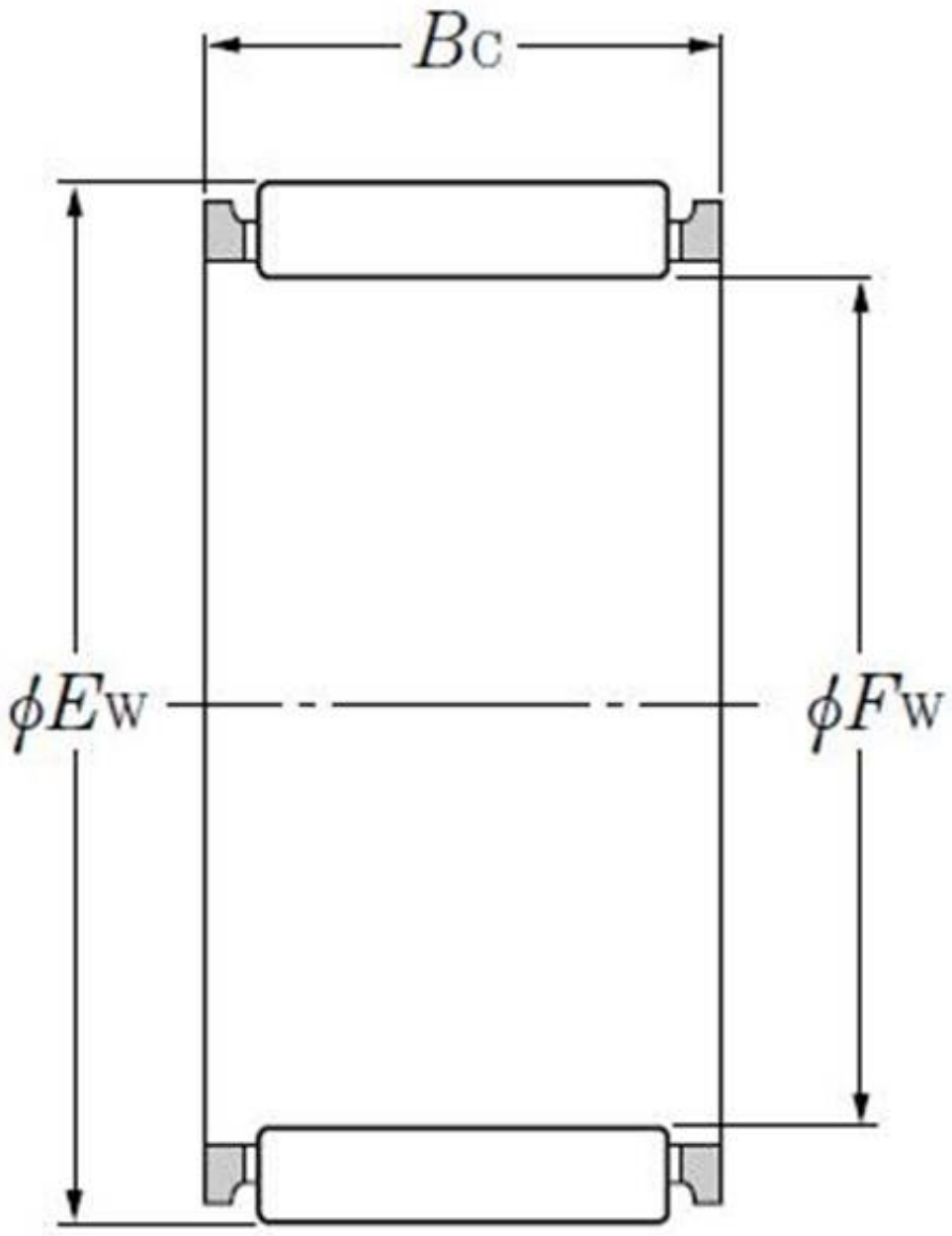
K50X55X30

Needle roller and cage assemblies



Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition

Fw	50 mm
Ew	55 mm
Bc	30 mm
Dw	2.5 mm
Lw	25.4 mm
Mass	0.06 kg
Brand	NTN

Product performance

Cr	39.5 kN
C0r	97 kN
Nlim (grease)	5,500 rpm
Nlim (oil)	8,000 rpm
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	17.62 Hz
Characteristic inner ring frequency, BPFI	19.38 Hz

Abutment dimensions

b	30 mm