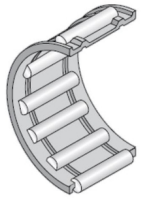
Technical datasheet

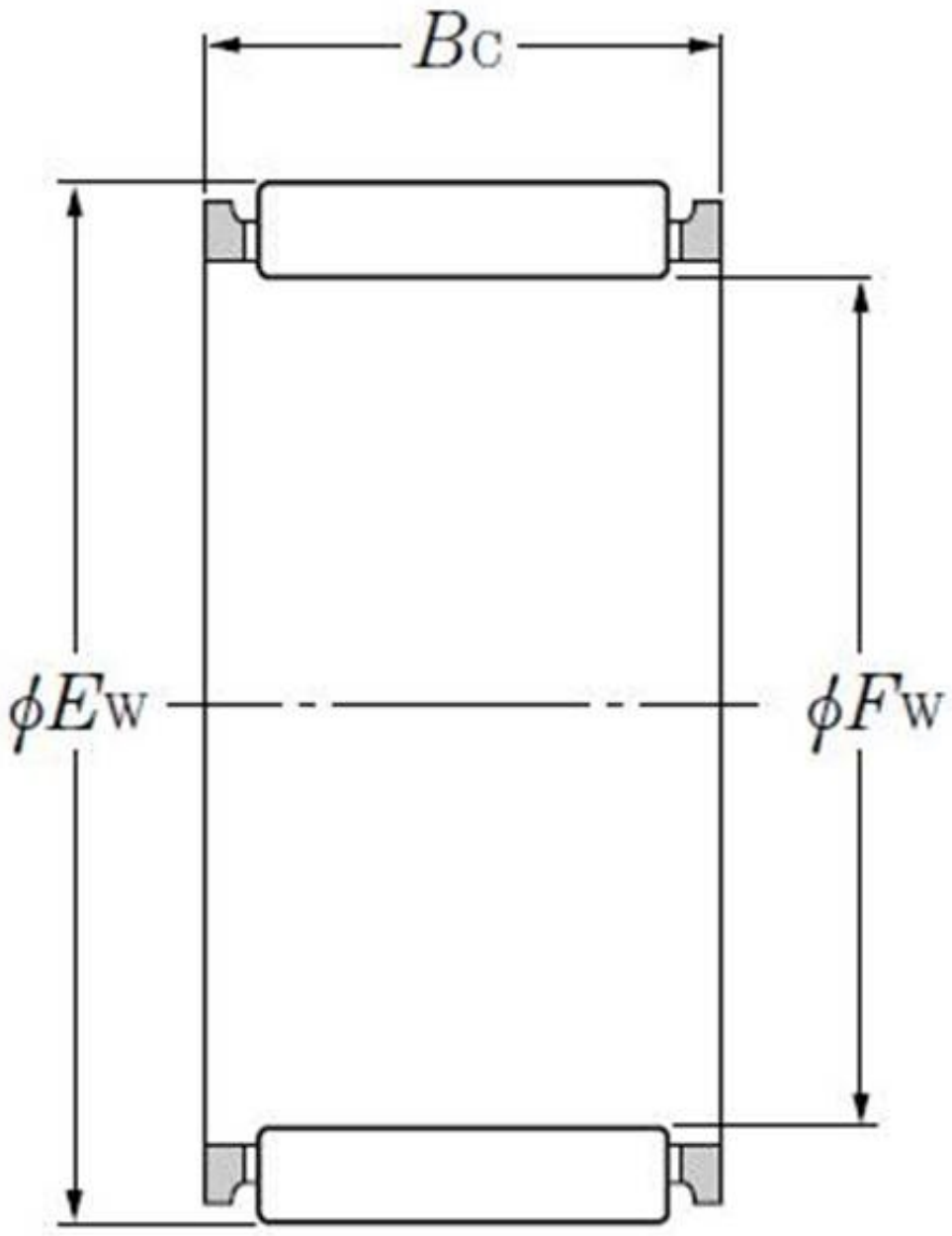
K47X52X27

Needle roller and cage assemblies



Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition

Fw	47 mm
Ew	52 mm
Bc	27 mm
Dw	2.5 mm
Lw	23.8 mm
Mass	0.05 kg
Brand	NTN

Product performance

Cr	35.5 kN
C0r	83 kN
Nlim (grease)	5,500 rpm
Nlim (oil)	8,500 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	19.75 Hz
Characteristic outer ring frequency, BPF0	16.14 Hz
Characteristic inner ring frequency, BPFI	17.86 Hz

Abutment dimensions

b	27 mm