

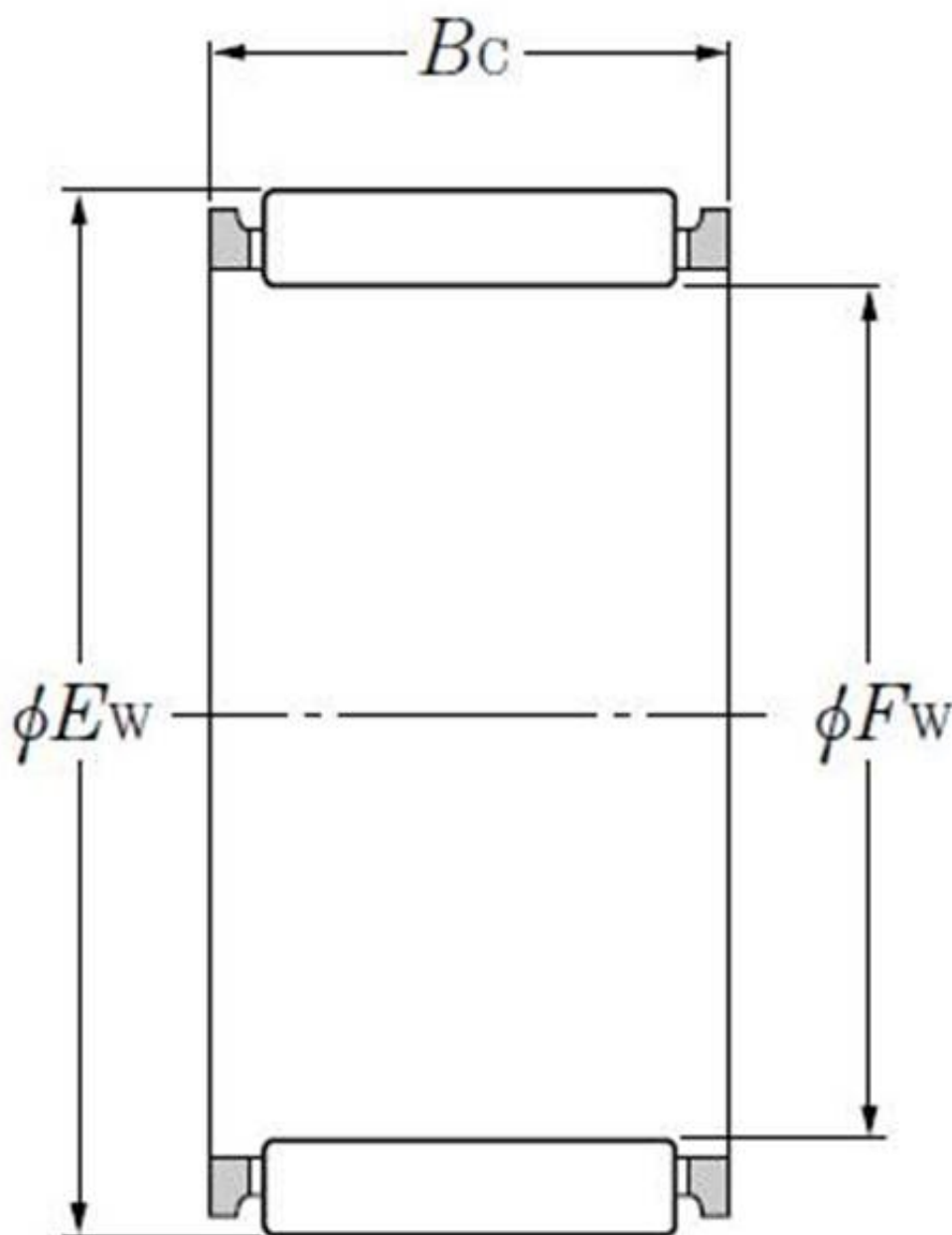
Technical datasheet

K40X47X18

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition	
Fw	40 mm
Ew	47 mm
Bc	18 mm
Dw	3.5 mm
Lw	13.8 mm
Mass	0.04 kg
Brand	NTN

Product performance	
Cr	27.7 kN
C0r	45 kN
Nlim (grease)	6,500 rpm
Nlim (oil)	10,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	12.35 Hz
Characteristic outer ring frequency, BPF0	11.03 Hz
Characteristic inner ring frequency, BPF1	12.97 Hz

Abutment dimensions	
b	18 mm