

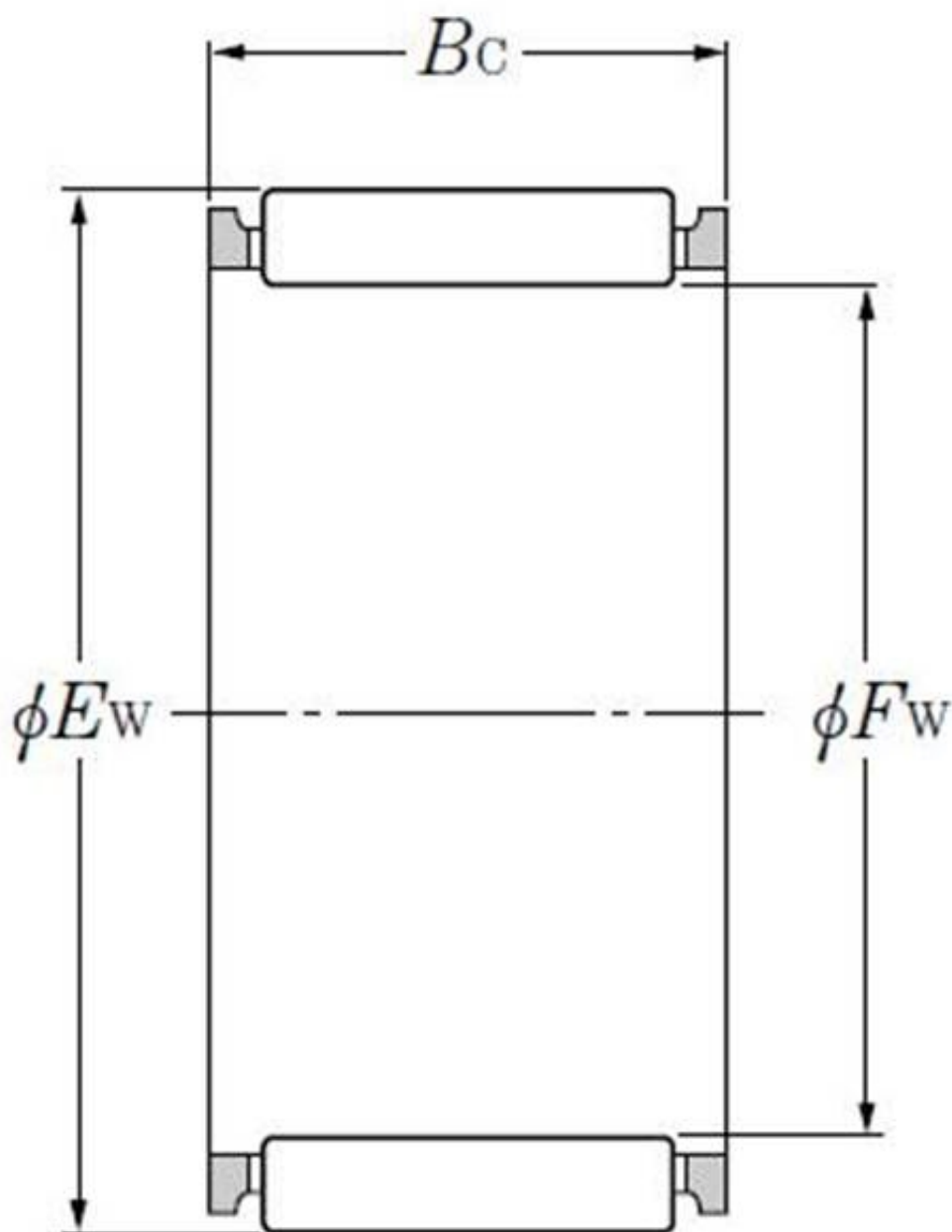
Technical datasheet

K47X52X17

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition	
Fw	45 mm
Ew	52 mm
Bc	17 mm
Dw	2.5 mm
Lw	13.8 mm
Mass	0.03 kg
Brand	NTN

Product performance	
Cr	23.2 kN
C0r	47.5 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	0.47 Hz
Characteristic rolling element frequency, BSF	19.35 Hz
Characteristic outer ring frequency, BPF0	16.12 Hz
Characteristic inner ring frequency, BPF1	17.88 Hz

Abutment dimensions	
b	17 mm