

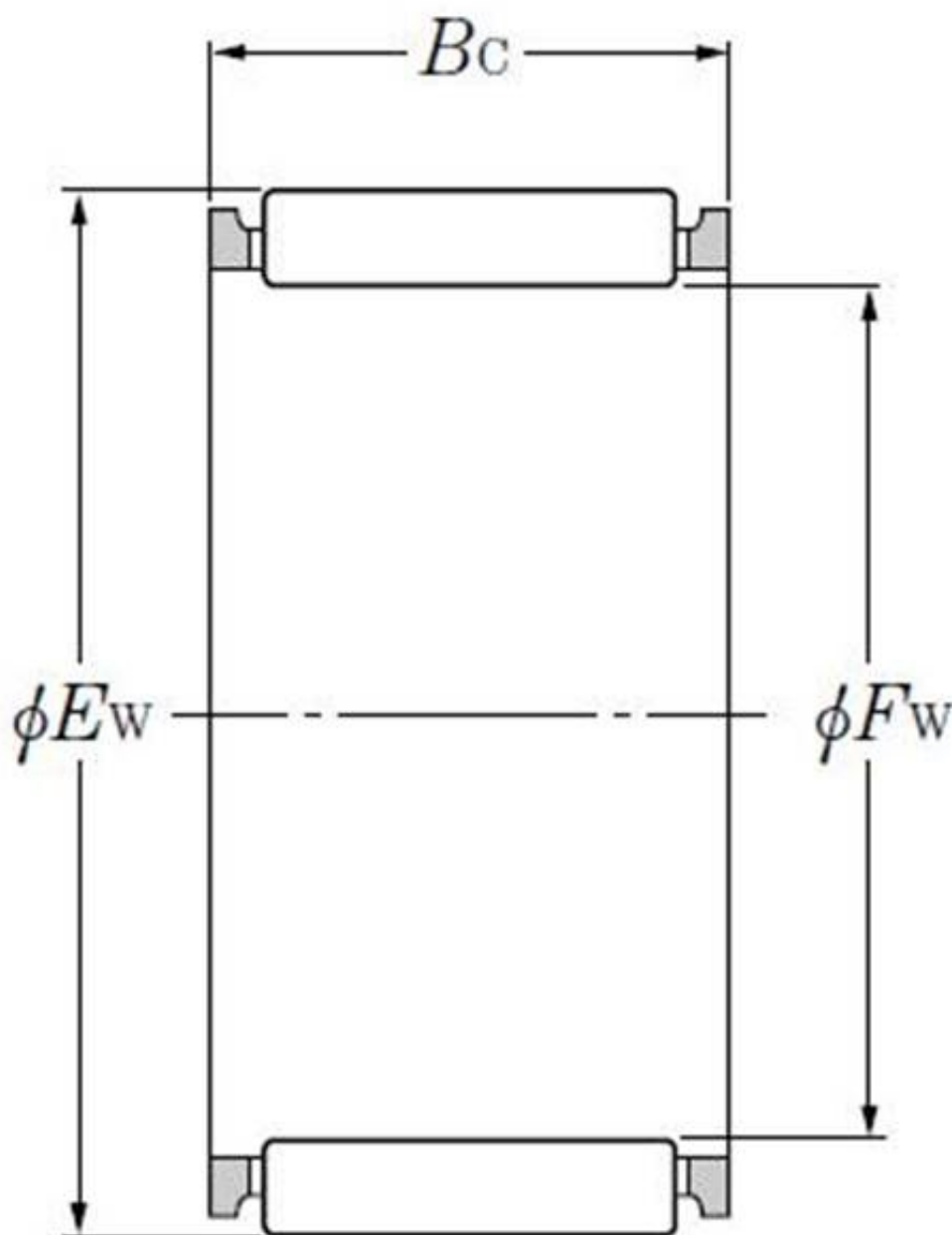
Technical datasheet

K42X47X27

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition	
Fw	42 mm
Ew	47 mm
Bc	27 mm
Dw	2.5 mm
Lw	23.8 mm
Mass	0.05 kg
Brand	NTN

Product performance	
Cr	34 kN
C0r	75.5 kN
Nlim (grease)	6,500 rpm
Nlim (oil)	9,500 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	17.74 Hz
Characteristic outer ring frequency, BPF0	14.63 Hz
Characteristic inner ring frequency, BPF1	16.37 Hz

Abutment dimensions	
b	27 mm