

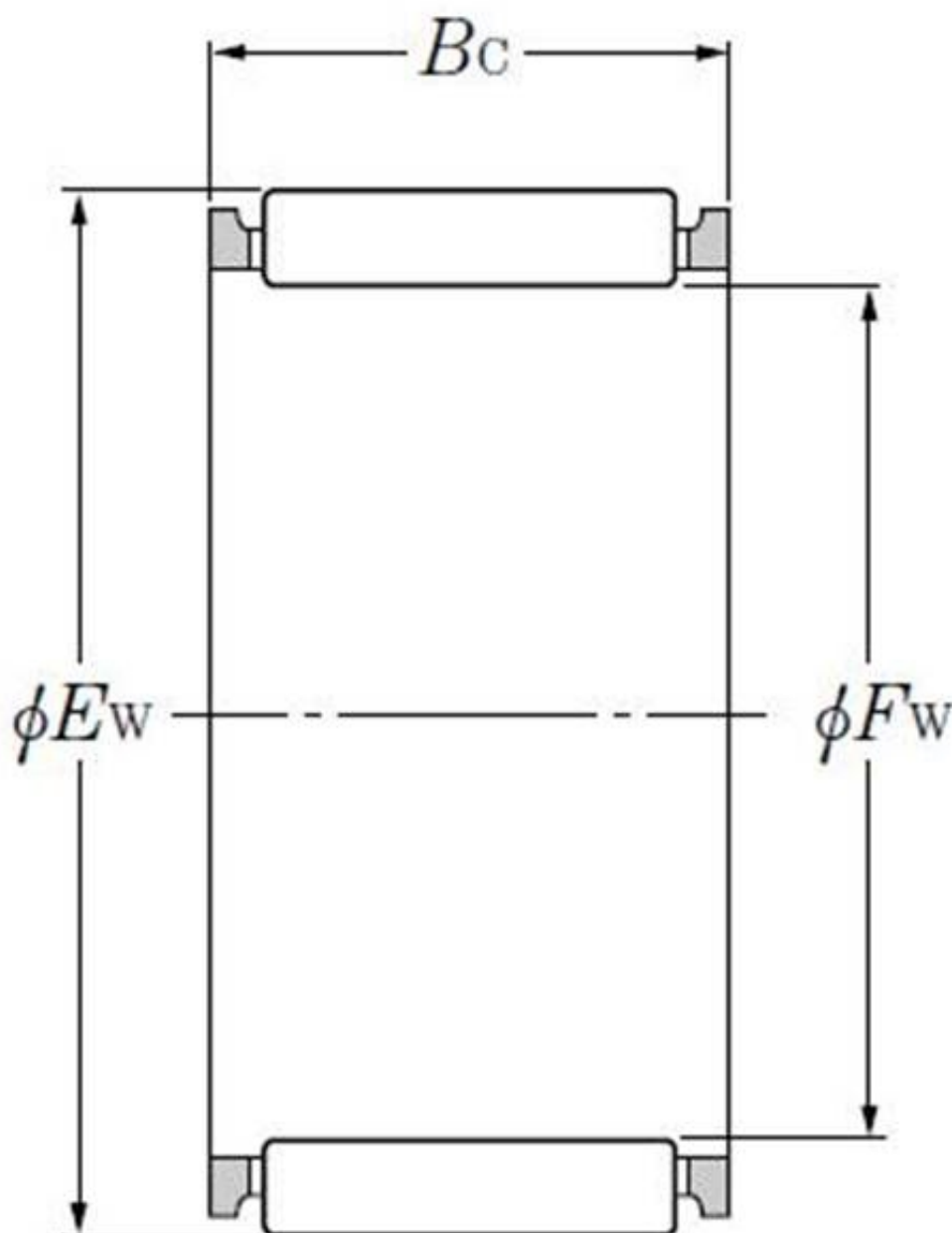
Technical datasheet

K105X112X21

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition	
Fw	105 mm
Ew	112 mm
Bc	21 mm
Dw	3.5 mm
Lw	15.8 mm
Mass	0.13 kg
Brand	NTN

Product performance	
Cr	48.5 kN
C0r	127 kN
Nlim (grease)	2,500 rpm
Nlim (oil)	3,800 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	30.97 Hz
Characteristic outer ring frequency, BPF0	27.1 Hz
Characteristic inner ring frequency, BPFI	28.9 Hz

Abutment dimensions	
b	21 mm