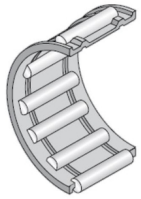
Technical datasheet

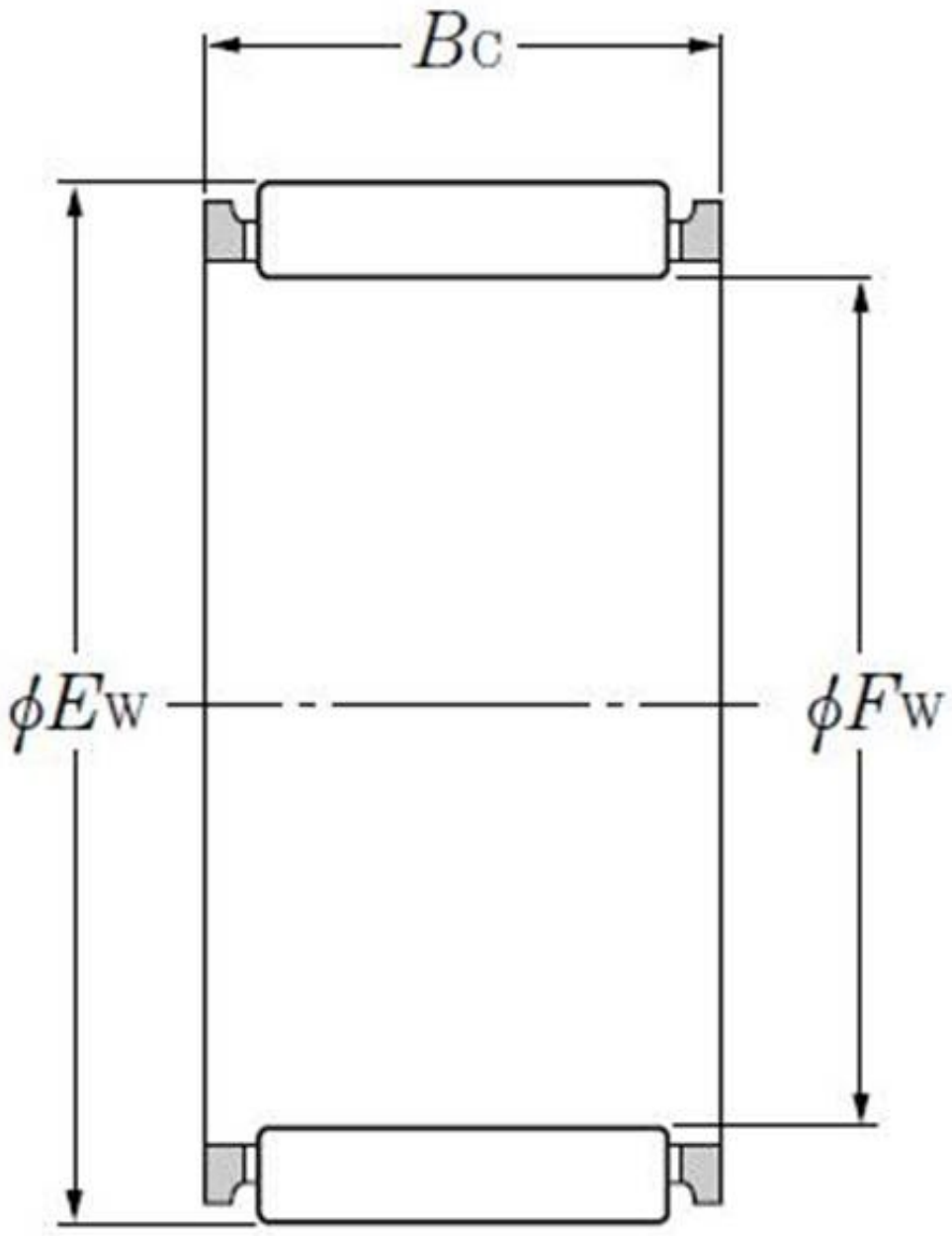
K35X42X18

Needle roller and cage assemblies



Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition

Fw	35 mm
Ew	42 mm
Bc	18 mm
Dw	3.5 mm
Lw	13.8 mm
Mass	0.04 kg
Brand	NTN

Product performance

Cr	24.7 kN
C0r	37 kN
Nlim (grease)	7,500 rpm
Nlim (oil)	11,000 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	10.91 Hz
Characteristic outer ring frequency, BPF0	9.09 Hz
Characteristic inner ring frequency, BPFI	10.91 Hz

Abutment dimensions

b	18 mm