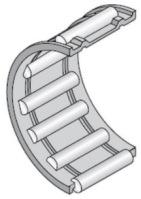
Technical data

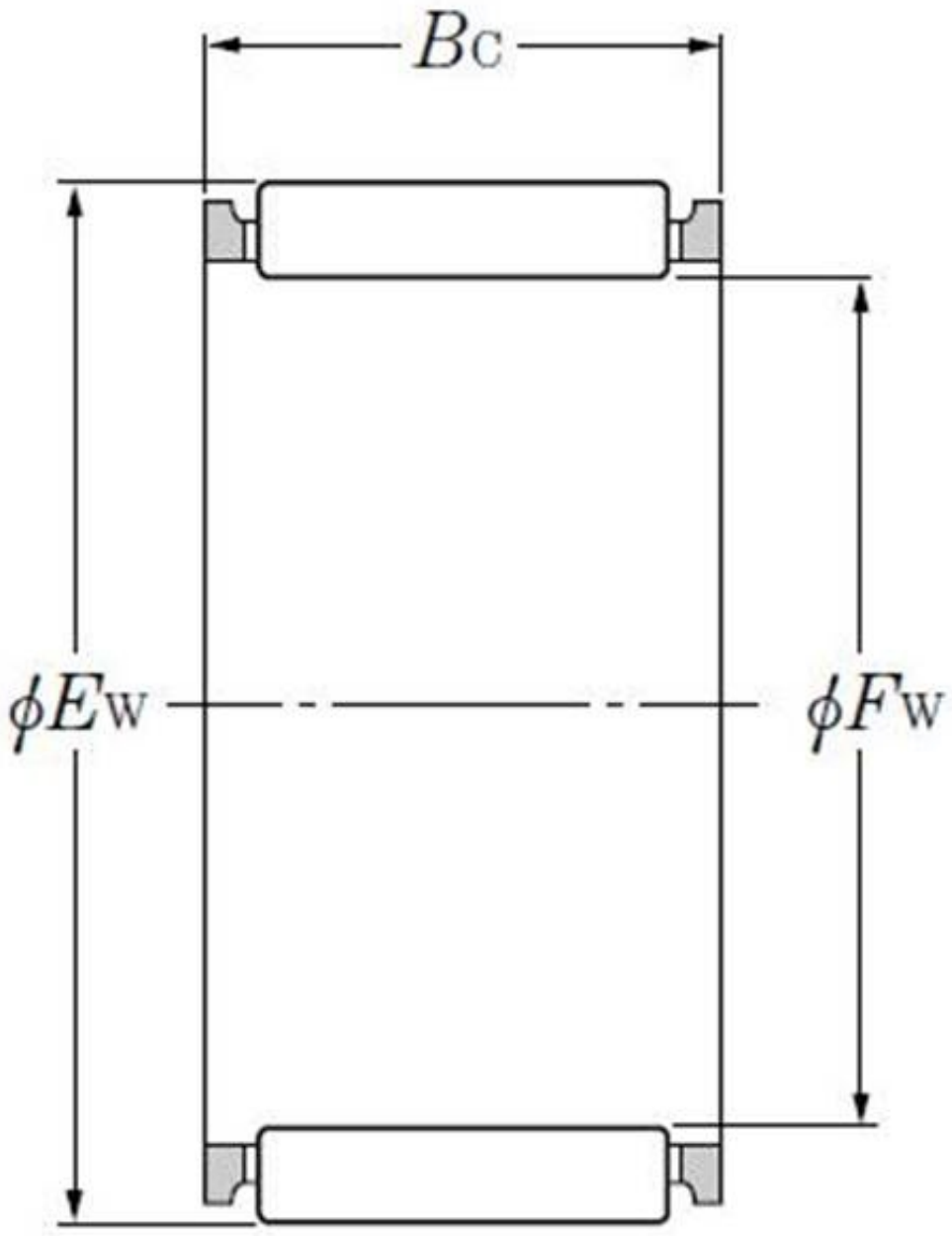
K42X50X20

Needle roller and cage assemblies



Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition

Fw	42 mm
Ew	50 mm
Bc	20 mm
Dw	4 mm
Lw	15.8 mm
Mass	0.05 kg
Brand	NTN

Product performance

Cr	34 kN
C0r	53.5 kN
Nlim (grease)	6,500 Tr/min
Nlim (oil)	9,500 Tr/min
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	11.41 Hz
Characteristic outer ring frequency, BPF0	10.04 Hz
Characteristic inner ring frequency, BPFI	11.96 Hz

Abutment dimensions

b	20 mm