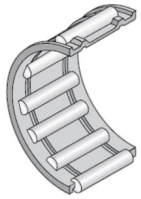
Technical datasheet

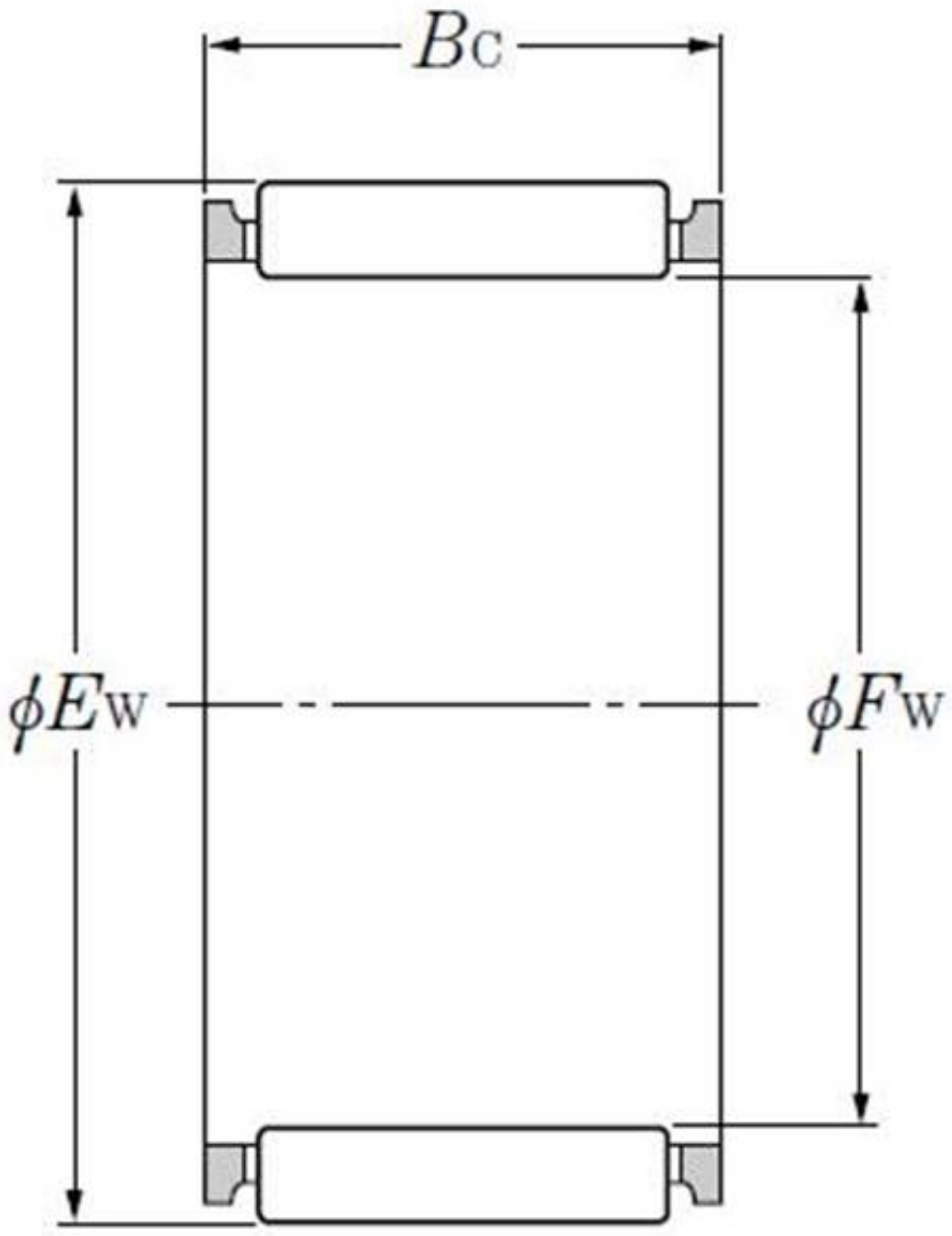
K37X42X27

Needle roller and cage assemblies



Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition

Fw	37 mm
Ew	42 mm
Bc	27 mm
Dw	2.5 mm
Lw	23.8 mm
Mass	0.04 kg
Brand	NTN

Product performance

Cr	32.5 kN
C0r	67.5 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	0.47 Hz
Characteristic rolling element frequency, BSF	15.74 Hz
Characteristic outer ring frequency, BPF0	13.11 Hz
Characteristic inner ring frequency, BPFI	14.89 Hz

Abutment dimensions

b	27 mm