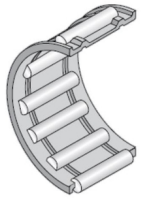
Technical datasheet

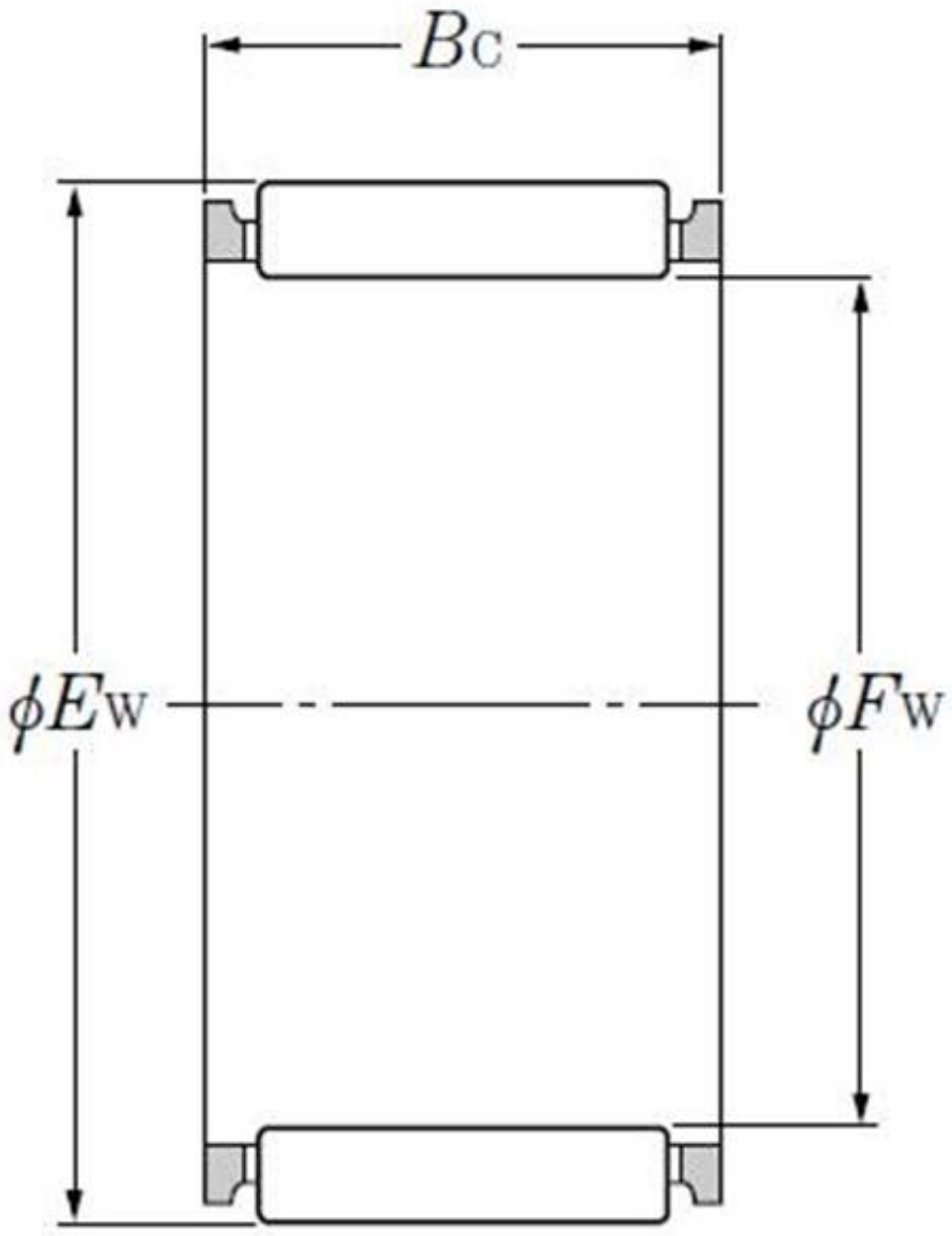
K80X86X30

Needle roller and cage assemblies



Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition

Fw	80 mm
Ew	86 mm
Bc	30 mm
Dw	3 mm
Lw	25.4 mm
Mass	0.11 kg
Brand	NTN

Product performance

Cr	57 kN
C0r	159 kN
Nlim (grease)	3,300 rpm
Nlim (oil)	5,000 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	27.63 Hz
Characteristic outer ring frequency, BPF0	24.1 Hz
Characteristic inner ring frequency, BPFI	25.9 Hz

Abutment dimensions

b	30 mm