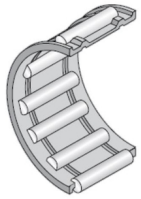
Technical datasheet

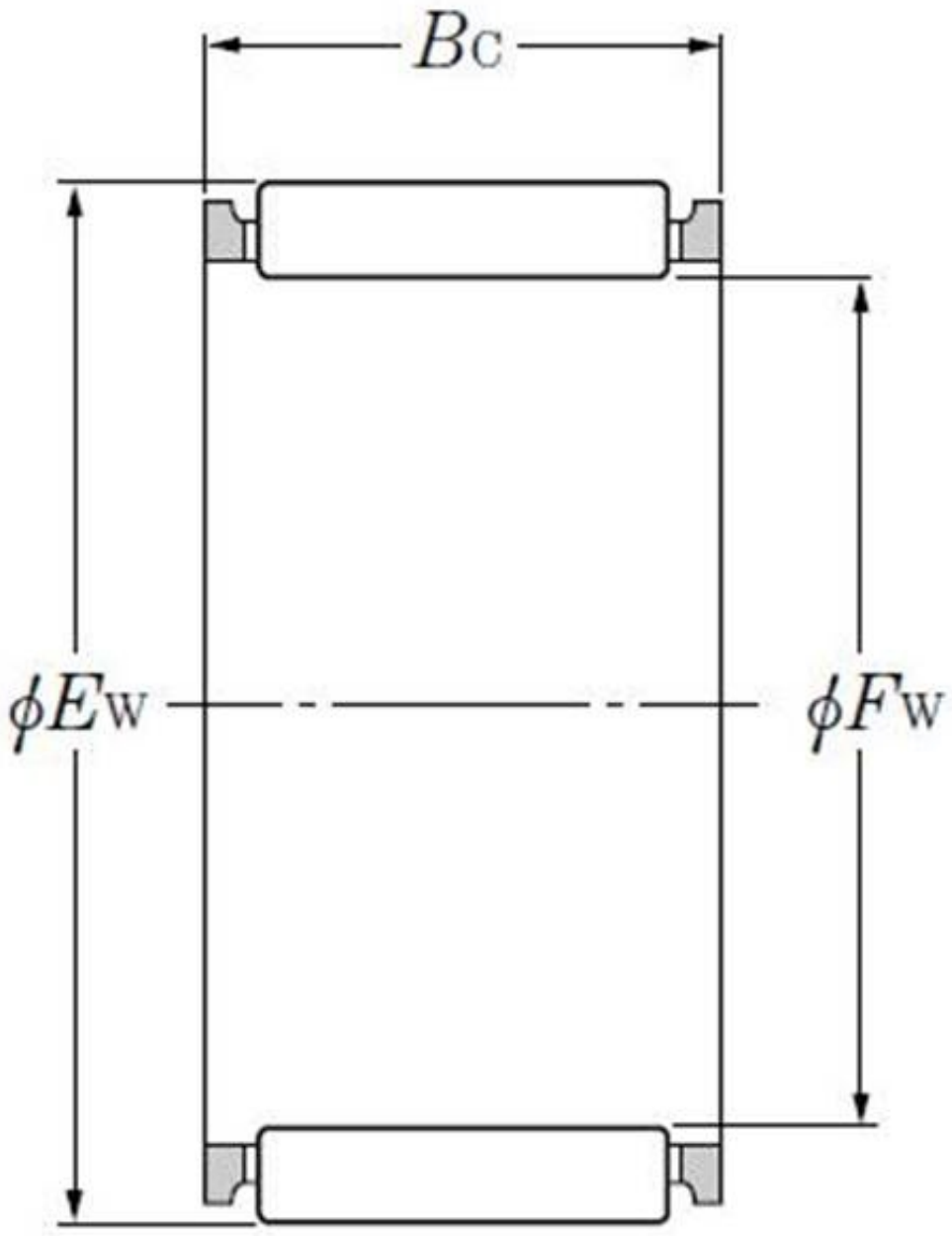
K30X35X27S

Needle roller and cage assemblies



Needle roller bearing, cage assembly, welded cage

Visual(s)



Product definition

Fw	30 mm
Ew	35 mm
Bc	27 mm
Dw	2.5 mm
Lw	23.8 mm
Mass	0.03 kg
Brand	NTN

Product performance

Cr	29.9 kN
C0r	57 kN
Nlim (grease)	8,500 rpm
Nlim (oil)	13,000 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	12.92 Hz
Characteristic outer ring frequency, BPF0	11.08 Hz
Characteristic inner ring frequency, BPFI	12.92 Hz

Abutment dimensions

b	27 mm