



Technical datasheet

K19X23X13S

Needle roller and cage assemblies

Needle roller bearing, cage assembly, welded cage

Visual(s)



Product definition	
Fw	19 mm
Ew	23 mm
Bc	13 mm
Dw	2 mm
Lw	9.8 mm
Mass	0.0082 kg
Brand	NTN

Product performance	
Cr	9.65 kN
C0r	13.5 kN
Nlim (grease)	14,000 rpm
Nlim (oil)	21,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	10.4 Hz
Characteristic outer ring frequency, BPF0	8.14 Hz
Characteristic inner ring frequency, BPFI	9.86 Hz

Abutment dimensions	
b	13 mm