



Technical datasheet

K100X108X27

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition	
Fw	100 mm
Ew	108 mm
Bc	27 mm
Dw	4 mm
Lw	19.8 mm
Mass	0.18 kg
Brand	NTN

Product performance	
Cr	61 kN
C0r	153 kN
Nlim (grease)	2,700 rpm
Nlim (oil)	4,000 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	25.96 Hz
Characteristic outer ring frequency, BPF0	22.6 Hz
Characteristic inner ring frequency, BPF1	24.4 Hz

Abutment dimensions	
b	27 mm