



Technical datasheet

K30X37X18

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition	
Fw	30 mm
Ew	37 mm
Bc	18 mm
Dw	3.5 mm
Lw	13.8 mm
Mass	0.03 kg
Brand	NTN

Product performance	
Cr	23.3 kN
C0r	33 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	0.45 Hz
Characteristic rolling element frequency, BSF	9.47 Hz
Characteristic outer ring frequency, BPF0	8.06 Hz
Characteristic inner ring frequency, BPF1	9.94 Hz

Abutment dimensions	
b	18 mm