



Technical datasheet

K25X31X21

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition	
Fw	25 mm
Ew	31 mm
Bc	21 mm
Dw	3 mm
Lw	17.8 mm
Mass	0.03 kg
Brand	NTN

Product performance	
Cr	22.5 kN
C0r	33 kN
Nlim (grease)	11,000 rpm
Nlim (oil)	16,000 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	9.23 Hz
Characteristic outer ring frequency, BPF0	7.14 Hz
Characteristic inner ring frequency, BPFI	8.86 Hz

Abutment dimensions	
b	21 mm