



Technical datasheet

K12X16X8

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition	
Fw	12 mm
Ew	16 mm
Bc	8 mm
Dw	4 mm
Lw	5.9 mm
Mass	0.0034 kg
Brand	NTN

Product performance	
Cr	4.85 kN
C0r	4.9 kN
Nlim (grease)	17,000 rpm
Nlim (oil)	26,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.36 Hz
Characteristic rolling element frequency, BSF	3.21 Hz
Characteristic outer ring frequency, BPF0	4.29 Hz
Characteristic inner ring frequency, BPFI	7.71 Hz

Abutment dimensions	
b	8 mm