



Technical datasheet

K110X117X24

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition	
Fw	110 mm
Ew	117 mm
Bc	24 mm
Dw	3.5 mm
Lw	17.8 mm
Mass	0.14 kg
Brand	NTN

Product performance	
Cr	54.5 kN
C0r	149 kN
Nlim (grease)	2,400 rpm
Nlim (oil)	3,600 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	32.4 Hz
Characteristic outer ring frequency, BPF0	28.11 Hz
Characteristic inner ring frequency, BPF1	29.89 Hz

Abutment dimensions	
b	24 mm