



Technical datasheet

K90X98X30

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition	
Fw	90 mm
Ew	98 mm
Bc	30 mm
Dw	4 mm
Lw	25.4 mm
Mass	0.17 kg
Brand	NTN

Product performance	
Cr	72.5 kN
C0r	184 kN
Nlim (grease)	2,900 rpm
Nlim (oil)	4,400 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	23.46 Hz
Characteristic outer ring frequency, BPF0	21.06 Hz
Characteristic inner ring frequency, BPFI	22.94 Hz

Abutment dimensions	
b	30 mm