



Technical datasheet

K40X45X27

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition	
Fw	40 mm
Ew	45 mm
Bc	27 mm
Dw	2.5 mm
Lw	23.8 mm
Mass	0.04 kg
Brand	NTN

Product performance	
Cr	33.5 kN
C0r	72.5 kN
Nlim (grease)	6,500 rpm
Nlim (oil)	10,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	16.94 Hz
Characteristic outer ring frequency, BPF0	14.12 Hz
Characteristic inner ring frequency, BPF1	15.88 Hz

Abutment dimensions	
b	27 mm