



Technical datasheet

K38X46X32

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition	
Fw	38 mm
Ew	46 mm
Bc	32 mm
Dw	4 mm
Lw	27.8 mm
Mass	0.07 kg
Brand	NTN

Product performance	
Cr	54 kN
C0r	95.5 kN
Nlim (grease)	7,500 rpm
Nlim (oil)	11,000 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	10.4 Hz
Characteristic outer ring frequency, BPF0	9.95 Hz
Characteristic inner ring frequency, BPFI	12.05 Hz

Abutment dimensions	
b	32 mm