



Technical datasheet

K28X33X27

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition	
Fw	28 mm
Ew	33 mm
Bc	27 mm
Dw	2.5 mm
Lw	23.8 mm
Mass	0.03 kg
Brand	NTN

Product performance	
Cr	28.3 kN
C0r	52 kN
Nlim (grease)	9,500 rpm
Nlim (oil)	14,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	12.12 Hz
Characteristic outer ring frequency, BPF0	10.1 Hz
Characteristic inner ring frequency, BPF1	11.9 Hz

Abutment dimensions	
b	27 mm