



Technical datasheet

K45X52X18

Needle roller and cage assemblies

Needle roller bearing, cage assembly, steel cage

Visual(s)



Product definition

Fw	45 mm
Ew	52 mm
Bc	18 mm
Dw	3.5 mm
Lw	13.8 mm
Mass	0.05 kg
Brand	NTN

Product performance

Cr	29.7 kN
C0r	51 kN
Nlim (grease)	6,000 rpm
Nlim (oil)	9,000 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	13.78 Hz
Characteristic outer ring frequency, BPF0	12.53 Hz
Characteristic inner ring frequency, BPF1	14.47 Hz

Abutment dimensions

b	18 mm
----------	-------