



USK BEARING COMPANY

NTN K100X108X30 Needle roller bearings- Needle roller and cage assemblies



Bearing No. K100X108X30

K100X108X30 Bearing 2D drawings and 3D CAD models

Bore Diameter	100,000 mm
Outer Diameter	108,000 mm
Fw	100,000 mm
Ew	108,000 mm
Bc	29,700 mm
Dw	4 mm
Lw	25.4 mm
Mass	0.19 kg
Cr	76 kN
C0r	201 kN
Nlim (grease)	2,700 rpm
Nlim (oil)	4,000 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	25.96 Hz
Characteristic outer ring frequency, BPF0	23.08 Hz
Characteristic inner ring frequency, BPF1	24.92 Hz
b	30 mm