



# AMERICAN BEARING MFG.CORP.

## NTN K100X107X21 needle roller bearings



Bearing No. K100X107X21

K100X107X21 Bearing 2D drawings and 3D CAD models

Bore Diameter	100,000 mm
Outer Diameter	107,000 mm
Fw	100,000 mm
Ew	107,000 mm
Bc	20,700 mm
Dw	3.5 mm
Lw	15.8 mm
Mass	0.12 kg
Cr	47.5 kN
C0r	122 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	29.54 Hz
Characteristic outer ring frequency, BPF0	27.05 Hz
Characteristic inner ring frequency, BPF1	28.95 Hz
b	21 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN



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Minimum Buy Quantity	N/A
Weight / Kilogram	0.176
Product Group	B04144