



# Bearing Manufacturing of America

## NTN K47X52X17 needle roller bearings



Bearing No. K47X52X17

K47X52X17 Bearing 2D drawings and 3D CAD models

Bore Diameter	47,000 mm
Outer Diameter	52,000 mm
Fw	47,000 mm
Ew	52,000 mm
Bc	16,800 mm
Dw	2.5 mm
Lw	13.8 mm
Mass	0.03 kg
Cr	23.2 kN
C0r	47.5 kN
Nlim (grease)	5,500 rpm
Nlim (oil)	8,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	19.35 Hz
Characteristic outer ring frequency, BPF0	16.12 Hz
Characteristic inner ring frequency, BPF1	17.88 Hz
b	17 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN



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Minimum Buy Quantity	N/A
Weight / Kilogram	0.044
Product Group	B04144