



## TON BEARING CO.,LTD.

10 mm x 30 mm x 14 mm NTN NA2200LL/3AS  
Needle roller bearings-Roller follower with inner  
ring

Bearing No. NA2200LL/3AS

d	10 mm
D	30 mm
C	13.8 mm
F	14 mm
B	14 mm
e	20 mm
R	500 mm
Dw	2 mm
Lw	7.3 mm
rs min	0.3 mm
Bearing with/without cage	Avec
Radial clearance class	CN
Precision class	P0
Mass	0.06 kg
Cr	7.55 kN
C0r	9 kN
Track load capacity spherical outer ring	2.62 kN
Nlim (grease)	10,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling	7.88 Hz

NA2200LL/3AS Bearing 2D drawings and 3D CAD  
models



## TON BEARING CO.,LTD.

element frequency, BSF	
Characteristic outer ring frequency, BPF0	7 Hz
Characteristic inner ring frequency, BRFI	9 Hz