



TON BEARING CO.,LTD.

20 mm x 47 mm x 25 mm NTN
 NATV20LL/3AS Needle roller bearings-Roller
 follower with inner ring

Bearing No. NATV20LL/3AS

NATV20LL/3AS Bearing 2D drawings and 3D CAD
 models

d	20 mm
D	47 mm
C	24 mm
F	25 mm
B	25 mm
e	37 mm
R	500 mm
Dw	2.53 mm
Lw	17.8 mm
Bearing with/without cage	Sans
Radial clearance class	CN
Precision class	P0
Mass	0.25 kg
Cr	28.8 kN
C0r	61 kN
Track load capacity spherical outer ring	4.7 kN
Nlim (grease)	4,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	10.79 Hz



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Characteristic outer ring frequency, BPF0	15.44 Hz
Characteristic inner ring frequency, BRFI	18.56 Hz