



# TON BEARING CO.,LTD.

20 mm x 47 mm x 25 mm NTN 8Q-NATR20XLL/3AS Needle roller bearings-Roller follower with inner ring

Bearing No. 8Q-NATR20XLL/3AS

d	20 mm
D	47 mm
C	24 mm
F	25 mm
B	25 mm
e	37 mm
Dw	2.5 mm
Lw	15.3 mm
Bearing with/without cage	Avec
Radial clearance class	CN
Precision class	P0
Mass	0.25 kg
Cr	20.7 kN
C0r	33.5 kN
Track load capacity cylindrical outer ring	21 kN
Nlim (grease)	6,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	10.91 Hz
Characteristic outer ring	10 Hz

8Q-NATR20XLL/3AS Bearing 2D drawings and 3D CAD models



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frequency, BPF0	
Characteristic inner ring frequency, BRFI	12 Hz