

# NTN 2P19019K thrust roller bearings

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Size (mm)	220x340x118
Bore Diameter (mm)	220,000
Outer Diameter (mm)	340,000
Width (mm)	118,000
d	220,000 mm
D	340,000 mm
H	118,000 mm
B	118 mm
D1	303.4 mm
rs min	3 mm
Number of lubrication holes	3
b	14.1 mm
k	6 mm
e	0.31
Y1	2.18
Y2	3.25
Y0	2.13
Radial clearance class	CN
Mass	37.8 kg
Dynamic load, C	1,930 kN

Static load, $C_0$	2,750 kN
Fatigue limit load, $C_u$	161 kN
$N_{ref}$	1,200 rpm
$N_{lim}$	1,800 rpm
Min operating temperature, $T_{min}$	40 °C
Max operating temperature, $T_{max}$	200 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.94 Hz
Characteristic outer ring frequency, BPF0	10.1 Hz
Characteristic inner ring frequency, BRFI	12.9 Hz
$d_{a \min}$	232.4 mm
$D_{a \max}$	327.6 mm
$r_{a \max}$	2.5 mm