



TON BEARING CO.,LTD.

35 mm x 80 mm x 29 mm NTN
NUTR307X/3AS Needle roller bearings-Roller
follower with inner ring

Bearing No. NUTR307X/3AS

d	35 mm
D	80 mm
C	28 mm
F	41.5 mm
B	29 mm
e	44 mm
Dw	6.5 mm
Lw	9 mm
rs min	0.6 mm
Bearing with/without cage	Sans
Radial clearance class	CN
Precision class	P0
Mass	0.84 kg
Cr	62 kN
C0r	85.5 kN
Track load capacity cylindrical outer ring	41 kN
Nlim (grease)	2,400 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.25 Hz

NUTR307X/3AS Bearing 2D drawings and 3D CAD
models



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Characteristic outer ring frequency, BPF0	9.94 Hz
Characteristic inner ring frequency, BRFI	13.06 Hz