



## GF BEARING-SINGAPORE LTD.

### NTN 8Q-NK35/30RT+1R30X35X30C3 Needle roller bearing-with inner ring

Bearing No. 8Q-NK35/30RT+1R30X35X30C3

d	30 mm
D	45 mm
C	30 mm
F	35 mm
rs min	0.3 mm
s max	1 mm
Dw	3 mm
Lw	25.4 mm
Lubrication hole on outer ring	Oui/Yes
k	3 mm
Inner ring reference	1R30X35X30C3
Lubrication hole on inner ring	Non/No
Radial clearance class	C3
Precision class	P0
Mass	0.17 kg
Cr	36 kN
C0r	65.5 kN
Nlim (grease)	7,500 rpm
Nlim (oil)	11,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.46 Hz

8Q-NK35/30RT+1R30X35X30C3 Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	12.59 Hz
Characteristic outer ring frequency, BPF0	10.59 Hz
Characteristic inner ring frequency, BRFI	12.41 Hz
da min	32 mm
Da max	43 mm
ras max	0.3 mm