



## GF BEARING-SINGAPORE LTD.

### NTN NK45/30RCT+1R40X45X30 Needle roller bearing-with inner ring

Bearing No. NK45/30RCT+1R40X45X30

d	40 mm
D	55 mm
C	30 mm
F	45 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	1R40X45X30
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.22 kg
Cr	41 kN
C0r	85.5 kN
Nlim (grease)	6,000 rpm
Nlim (oil)	9,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.47 Hz

NK45/30RCT+1R40X45X30 Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	15.94 Hz
Characteristic outer ring frequency, BPF0	13.59 Hz
Characteristic inner ring frequency, BRFI	15.41 Hz
da min	42 mm
Da max	53 mm
ras max	0.3 mm