



## GF BEARING-SINGAPORE LTD.

### NTN NK50/25R+1R45X50X25 Needle roller bearing-with inner ring

Bearing No. NK50/25R+1R45X50X25

d	45 mm
D	62 mm
C	25 mm
F	50 mm
rs min	0.6 mm
s max	1.5 mm
Dw	3.5 mm
Lw	18.8 mm
Lubrication hole on outer ring	Oui/Yes
k	3 mm
Inner ring reference	1R45X50X25
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.23 kg
Cr	38.5 kN
C0r	74.5 kN
Nlim (grease)	5,500 rpm
Nlim (oil)	8,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.47 Hz

NK50/25R+1R45X50X25 Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	15.22 Hz
Characteristic outer ring frequency, BPF0	14.02 Hz
Characteristic inner ring frequency, BRFI	15.98 Hz
da min	48 mm
Da max	58 mm
ras max	0.6 mm