



GF BEARING-SINGAPORE LTD.

NTN NK85/25R+1R75X85X25 Needle roller bearing-with inner ring

Bearing No. NK85/25R+1R75X85X25

d	75 mm
D	105 mm
C	25 mm
F	85 mm
rs min	1 mm
s max	1 mm
Dw	6.5 mm
Lw	18 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm
Inner ring reference	1R75X85X25
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.64 kg
Cr	70.5 kN
C0r	123 kN
Nlim (grease)	3,100 rpm
Nlim (oil)	4,700 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.46 Hz

NK85/25R+1R75X85X25 Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	14.01 Hz
Characteristic outer ring frequency, BPF0	13.47 Hz
Characteristic inner ring frequency, BRFI	15.53 Hz
da min	80 mm
Da max	100 mm
ras max	1 mm