



GF BEARING-SINGAPORE LTD.

NTN NK8/16+1R5X8X16 Needle roller bearing- with inner ring

Bearing No. NK8/16+1R5X8X16

d	5 mm
D	15 mm
C	16 mm
F	8 mm
rs min	0.3 mm
s max	2 mm
Dw	1.5 mm
Lw	12.8 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	1R5X8X16
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.02 kg
Cr	4.85 kN
C0r	5.2 kN
Nlim (grease)	21,000 rpm
Nlim (oil)	32,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling	6.18 Hz

NK8/16+1R5X8X16 Bearing 2D drawings and 3D CAD models



GF BEARING-SINGAPORE LTD.

element frequency, BSF	
Characteristic outer ring frequency, BPF0	4.21 Hz
Characteristic inner ring frequency, BPF1	5.79 Hz
da min	7 mm
Da max	9.5 mm
ras max	0.3 mm