



GF BEARING-SINGAPORE LTD.

NTN NK10/12T2+1R7X10X12 Needle roller bearing-with inner ring

Bearing No. NK10/12T2+1R7X10X12

d	7 mm
D	17 mm
C	12 mm
F	10 mm
rs min	0.3 mm
s max	1.5 mm
Dw	1.5 mm
Lw	7.8 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	1R7X10X12
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.01 kg
Cr	4.55 kN
C0r	5.1 kN
Nlim (grease)	19,000 rpm
Nlim (oil)	28,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling	7.54 Hz

NK10/12T2+1R7X10X12 Bearing 2D drawings and 3D CAD models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	5.22 Hz
Characteristic inner ring frequency, BPF1	6.78 Hz
da min	9 mm
Da max	11.5 mm
ras max	0.3 mm