



GF BEARING-SINGAPORE LTD.

NTN NK21/20R+1R17X21X20 Needle roller bearing-with inner ring

Bearing No. NK21/20R+1R17X21X20

d	17 mm
D	29 mm
C	20 mm
F	21 mm
rs min	0.3 mm
s max	0.5 mm
Dw	2.5 mm
Lw	16.8 mm
Lubrication hole on outer ring	Oui/Yes
k	2.5 mm
Inner ring reference	1R17X21X20
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.05 kg
Cr	17.4 kN
C0r	25.4 kN
Nlim (grease)	13,000 rpm
Nlim (oil)	19,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz

NK21/20R+1R17X21X20 Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	9.29 Hz
Characteristic outer ring frequency, BPF0	7.6 Hz
Characteristic inner ring frequency, BPF1	9.4 Hz
da min	19 mm
Da max	27 mm
ras max	0.3 mm