



GF BEARING-SINGAPORE LTD.

NTN NK47/20RCT+1R42X47X20 Needle roller bearing-with inner ring

Bearing No. NK47/20RCT+1R42X47X20

d	42 mm
D	57 mm
C	20 mm
F	47 mm
rs min	0.3 mm
s max	0.5 mm
Dw	3 mm
Lw	15.6 mm
Lubrication hole on outer ring	Oui/Yes
k	3 mm
Inner ring reference	1R42X47X20
Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.15 kg
Cr	28.8 kN
C0r	55.5 kN
Nlim (grease)	5,500 rpm
Nlim (oil)	8,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.47 Hz

NK47/20RCT+1R42X47X20 Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	16.61 Hz
Characteristic outer ring frequency, BPF0	15.04 Hz
Characteristic inner ring frequency, BRFI	16.96 Hz
da min	44 mm
Da max	55 mm
ras max	0.3 mm