

TEST REPORT OF GEAR MOTOR

[ギアモータ試験成績書]

Model

[品名] G3F18N10-MM01CNJAN

•The values in this test reports are representative values of the motor itself (without a gear head).
The efficiency of the gear head is not considered.
•この試験成績書は、モータ単体(ギアヘッドなし)での代表特性です。そのため、減速機の効率等は含まれていません。

Specification for Motor [モータ仕様]

Manufacturer [製造者]	NISSEI CORPORATION		Capacitor (μF) [コンデンサ]		150	
Name [名 称]	0.1 kW	Frequency (Hz) [周波数]	50	60		
Phase [相 数]	1	Voltage (V) [電 圧]	100	100		
Poles [極 数]	4	Current (A) [電 流]	2.7	2.4		
Rating [定 格]	S1 CONT.	Rotational Frequency (r/min) [回転速度]	1420	1710		
Ins. class [絶 縁]	B	P.F. (%) [力 率]	65	68		

Load Characteristics [負荷特性]

Actual Load Method [実負荷法]

Frequency (Hz) [周波数]	Voltage (v) [電圧]	Load (%) [負荷率]	Current (A) [電流]	Rotational Frequency(r/min) [回転速度]	Efficiency (%) [効率]	Power Factor(%) [力率]	Break-down Torque(%) [停動トルク]	Locked-rotor Torque(%) [始動トルク]	Starting Current(A) [始動電流]
50	100	0	2.00	1494	0	24.1	188	220	10.50
		25	2.03	1480	35.7	34.5			
		50	2.16	1465	49.8	46.5			
		75	2.34	1449	56.8	56.3			
		100	2.70	1420	59.3	64.6			
60	100	0	1.58	1794	0	25.8	184	204	10.50
		25	1.65	1778	41.9	36.3			
		50	1.82	1760	55.3	49.7			
		75	2.06	1738	60.8	59.9			
		100	2.40	1710	61.4	67.7			

Temperature Rise Test [温度上昇試験]

Windings: Resistance Method [抵抗法]

Frame: Thermometer Method [温度計法]

Frequency (Hz) [周波数]	Voltage (V) [電圧]	Windings (°Cup) [固定子]	Frame (°Cup) [外被]
50 / 60 /	100 / 100 /	76 / 66 /	62 / 55 /

•The temperature rise test is the representative property as the gearmotor.
•温度上昇試験は、ギアモータでの代表特性です。

Remark

Insulation Resistance by 500 V Megger 100 MΩ
[500Vメガ計による絶縁抵抗]
Withstand Voltage Test 1500 v / min. Withstood [良]
[絶縁耐力試験]

Nissei Corporation Anjo Aichi Japan [(株)ニッセイ]	Date of Test [試験日]	Tested by [測定者]	Approved by [承認]
	2019/8/31	Y.Miura	H.Hayashi