TEST REPORT OF GEAR MOTOR
[ギアモータ試験成績書]

Model
[品名] G3F28N80N-PM04NVTJ2

・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 Part [電動機部仕様] Standard code : UL1004-1, EN60034-1, GB12350

Name [名 称]	IPM Motor			
Manufacturer [製造者]	NISSEI CORPORATION			
Capacity [出 力]	0.4kW	Frequency (Hz) [周波数]		50/60
Phase [相 数]	3	Voltage (V) [電 圧]		200～230
Poles [極 数]	4	Current (A) [電 流]		1.74
Rating [定 格]	S1 CONT.	Ins. class [絶 縁]		F

Parameters [パラメータ] at 20℃

Winding Resistance Between Terminals (Ω) [巻線抵抗(端子間)]	7.95
E. M. F Const Between Terminals (mV/r/min) [誘起電圧定数(端子間)]	77.8

Load Characteristics [負荷特性] (For Both 50 Hz And 60 Hz[50,60Hz共通])

Rev. [回転速度]	150r/min		1000r/min		1800r/min	
Load (%) [負荷]	Current (A) [電流]	Input (W) [入力電力]	Current (A) [電流]	Input (W) [入力電力]	Current (A) [電流]	Input (W) [入力電力]
0	0.46	10.0	0.15	11.6	0.16	23.9
25	0.63	19.4	0.49	64.0	0.52	121.5
50	0.96	34.3	0.90	126.8	0.93	229.3
75	1.34	53.1	1.30	193.5	1.33	341.6
100	1.71	75.3	1.71	265.2	1.74	459.2

・Current [A] and Input [W] are the values supplied from the inverter to the motor when using Nissei's inverter.
・電流、入力電力は当社専用インバータを使用した場合のインバータからモータへの入力値です。

Temperature Rise Test[温度上昇試験]

Load (%) [負荷]	Rev. [回転速度]	Hours Run (h) [運転時間]	Stator [固定子]	
			Winding by Resist Method (℃) [巻線 (抵抗法)]	Frame by Thermometer Method (℃) [フレーム]
100	1800r/min	4	73	66

・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。

Insulation Resistance by 500V Megger 100MΩ
[500Vメガ計による絶縁抵抗]

Withstand Voltage Test 1500V／min withstood
[絶縁耐力試験] [良]

Remarks [注]

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]
	2019.08.30	Y.Miura	H.Hayashi