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

Model
[品名] F3F18L15N-PM01NVTN

・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]	0.1kW	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]		0.45
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)]	24.4
E. M. F Const Between Terminals (mV/r/min) [誘起電圧定数(端子間)]	81.1

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	0.132	1.6	0.090	7.8	0.094	15.3
25	0.179	4.8	0.161	22.3	0.171	41.6
50	0.256	8.3	0.251	37.8	0.261	68.1
75	0.342	12.4	0.345	53.8	0.357	96.0
100	0.435	17.3	0.442	70.8	0.454	124.0

・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	41	35

・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