

TEST REPORT OF GEAR MOTOR

[ギアモータ試験成績書]

Model
[品名] HFM-15T-30-T15WK

- 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]

Standard code: JIS C 4004

Manufacturer[製造者]	NISSEI CORPORATION		Capacitor (μF) [コンデンサ]		Start [始動]	
Name [名称]	0.015kW 3 PHASE INDUCTION MOTOR				Run [運転]	
Type [型式]	DT-75	Frequency (Hz) [周波数]	50	50	60	60
Poles [極数]	4	Voltage (V) [電圧]	380	400	400	440
Rating [定格]	S1 CONT.	Current (A) [電流]	0.11	0.12	0.10	0.11
Ins. class [絶縁]	B	Rotational Frequency(r/min)[回転速度]	1400	1400	1700	1700

Characteristics Test [特性試験]

Frequency (Hz) [周波数]	No Load Test [無負荷試験]			Resistance Between at 20 °C (Ω) [端子間抵抗]		
	Voltage(V) [電圧]	Current(A) [電流]	Loss(W) [損失]			
50	380	0.102	17	718		
50	400	0.111	20			
60	400	0.085	14			
60	440	0.097	17			

Load Characteristics [負荷特性]

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]	Input (W) [入力]	Break-down Torque(%) [停動トルク]	Locked-rotor Torque(%) [始動トルク]	Starting Current(A) [始動電流]
50	380	25	0.102	1473	21	488	448	0.26
		50	0.103	1458	24			
		75	0.104	1440	27			
		100	0.106	1420	31			
50	400	25	0.111	1478	23	540	507	0.28
		50	0.111	1460	26			
		75	0.112	1445	30			
		100	0.113	1428	33			
60	400	25	0.085	1766	18	431	380	0.26
		50	0.087	1746	22			
		75	0.089	1722	26			
		100	0.093	1697	31			
60	440	25	0.097	1773	22	522	478	0.29
		50	0.098	1755	25			
		75	0.099	1735	30			
		100	0.102	1715	34			

Temperature Rise Test [温度上昇試験] Frame : Thermometer Method [温度計法]

Frequency(Hz) [周波数]	Voltage(V) [電圧]	Frame(°C) [外被]
50 / 50 / 60 / 60	380 / 400 / 400 / 440	33 / 34 / 29 / 33

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

Withstand Voltage Test 2000 V/min. Withstood [良]
[絶縁耐力試験]

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]
	1999. 5. 6	S.Yamada	K.Amano