

TEST REPORT OF GEAR MOTOR

[ギアモータ試験成績書]

Model
[品名] HFM-18L-200-S90W

- 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 (μ F) [コンデンサ]	Start [始動]		
Name [名称]	0.09kW 1 PHASE INDUCTION MOTOR			Run [運転]		5
Type [型式]	DS-90	Frequency (Hz) [周波数]	50	60		
Poles [極数]	4	Voltage (V) [電圧]	200	200		
Rating [定格]	S1 CONT.	Current (A) [電流]	0.65	0.66		
Ins. class [絶縁]	B	Rotational Frequency(r/min)[回転速度]	1350	1600		

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	200	0.46	62	45		
60	200	0.32	61			

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	200	25	0.48	1460	74	158	66	1.44
		50	0.50	1430	87			
		75	0.55	1395	102			
		100	0.62	1355	119			
60	200	25	0.39	1750	75	141	65	1.35
		50	0.47	1715	92			
		75	0.55	1675	108			
		100	0.65	1610	129			
		25						
		50						
		75						
		100						
		25						
		50						
		75						
		100						

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 / 60 / /	200 / 200 / /	51 / 42 / /

- 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 1500 V/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]
	1999. 5. 6	S.Yamada	K.Amano