

TEST REPORT OF GEAR MOTOR

[ギアモータ試験成績書]

Model
[品名] HLW-18T-80-T90

- 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]	0.09kW 3 PHASE INDUCTION MOTOR				Run [運転]	
Type [型式]	DT-90	Frequency (Hz) [周波数]	50	60	60	
Poles [極数]	4	Voltage (V) [電圧]	200	200	220	
Rating [定格]	S1 CONT.	Current (A) [電流]	0.51	0.48	0.48	
Ins. class [絶縁]	B	Rotational Frequency(r/min)[回転速度]	1350	1550	1550	

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	0.35	23	50.9		
60	200	0.27	18			
60	220	0.33	20			

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	0.38	1455	43	291	286	1.42
		50	0.40	1412	64			
		75	0.44	1365	85			
		100	0.48	1315	107			
60	200	25	0.31	1732	43	224	217	1.36
		50	0.35	1670	67			
		75	0.41	1605	94			
		100	0.48	1525	121			
60	220	25	0.34	1746	46	279	275	1.49
		50	0.37	1697	70			
		75	0.41	1640	96			
		100	0.47	1580	123			
		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 / 60 /	200 / 200 / 220 /	51 / 59 / 57 /

- 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