

TEST REPORT OF GEAR MOTOR

[ギアモータ試験成績書]

Model

[品名] **F2S12N010-YSBL25NC**

Motor Type

[モータ型式] **DS-75**

•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 : EN60034-1

Manufacturer [製造者]	NISSEI CORPORATION		Capacitor (μF) [コンデンサ]		7.0	
Name [名 称]	0.025 kW	Frequency (Hz) [周波数]	50	60		
Phase [相 数]	1	Voltage (V) [電 圧]	100	100		
Poles [極 数]	4	Current (A) [電 流]	0.45	0.48		
Rating [定 格]	S1 CONT.	Rotational Frequency (r/min) [回転速度]	1350	1630		
Ins. class [絶 縁]	B	P.F. (%) [力 率]	97	99		

Load Characteristics [負荷特性]

Actual Load Method [実負荷法]

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]	Efficiency (%) [効率]	Power Factor(%) [力率]	Break-down Torque(%) [停動トルク]	Locked-rotor Torque(%) [始動トルク]	Starting Current(A) [始動電流]
50	100	0	0.33	1471	0	89.8	151	74	0.86
		25	0.33	1465	17.6	90.4			
		50	0.36	1428	29.3	94.6			
		75	0.39	1395	38.6	96.3			
		100	0.44	1354	44.0	97.5			
60	100	0	0.33	1761	0	98.3	139	73	0.79
		25	0.34	1750	17.8	98.2			
		50	0.38	1721	31.6	98.4			
		75	0.42	1680	42.3	99.5			
		100	0.46	1623	48.9	99.6			

Temperature Rise Test [温度上昇試験]

Windings: Resistance Method [抵抗法]

Frame: Thermometer Method [温度計法]

Frequency (Hz) [周波数]	Voltage (V) [外被]		Windings (°C) [固定子]	Frame (°C) [外被]
50 / 60 / /	100 / 100 / /		/ / /	35 / 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。

Remark

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

Withstand Voltage Test 1500 v / min. Withstood [良]
[絶縁耐力試験]

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]
	2000.10.2	S.Yamada	K.Amano