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

Model
[品名] FS25S240-WM01TNNEV2

・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 / UL1004-1 / GB12350

Manufacturer [製造者]	NISSEI CORPORATION	Capacitor (μF) [ｺﾝﾃﾞﾝｻ]	--------			
Name [名 称]	0.1 kW	Frequency (Hz) [周波数]	50	60	60	
Phase [相 数]	3	Voltage (V) [電 圧]	200	200	220	
Poles [極 数]	4	Current (A) [電 流]	0.61	0.54	0.54	
Rating [定 格]	S1 CONT.	Rotational Frequency (r/min) [回転速度]	1410	1690	1710	
Ins. class [絶 縁]	F	P.F. (%) [力 率]	72	76	71	

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	200	0	0.43	1495	0	20.0	258	215	2.39
		25	0.45	1477	45.5	35.7			
		50	0.48	1457	59.5	50.6			
		75	0.53	1434	65.2	62.8			
		100	0.61	1410	72.0	72.0			
60	200	0	0.35	1796	0	20.0	238	190	2.27
		25	0.37	1774	50.0	39.3			
		50	0.41	1749	63.3	55.8			
		75	0.47	1720	67.6	68.2			
		100	0.54	1690	68.5	76.0			
60	220	0	0.39	1796	0	19.8	300	245	2.52
		25	0.40	1780	47.2	34.9			
		50	0.43	1758	61.0	50.0			
		75	0.49	1737	65.8	61.7			
		100	0.54	1710	68.0	71.0			

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) [電圧]	Windings (℃up) [固定子]	Frame (℃up) [外被]
50 / 60 / 60 /	200 / 200 / 220 /	67 / 58 / 59 /	52 / 47 / 48 /

・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 [500Vメガ計による絶縁抵抗] 100 MΩ

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

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]
	2018.08.31	Y.Miura	H.Hayashi