



DELTA ELECTRONICS, INC.

EST MOTOR LIFE TEST REPORT

Customer : STD		Product : Energy Saving Technology Motor			
Sample P/N : MR83A2PE-155S00					
Date Code : 6709M35F					
No.	Test Item	Test Condition	Q'ty PCS	Result	Test Record
1	Life Test (Operating)	1. Input rated voltage 2. Test temperature : max operating temperature. 3. Continue running until fail.	10	PASS	DG16FNL084-Life
QE File No.		Issued Date	Tested By	Reviewed By	Approved By
DG16FNL084		7-Mar-18	Loly.Wang	Jinze.Nie	Tim.Yi



DELTA ELECTRONICS, INC.

EST MOTOR LIFE TEST REPORT

Available for those models with same physical structure. This test report applies to EST Motor Ø83X81 mm series as the right table	MR83A2PE-105S00				

Sample P/N : MR83A2PE-155S00 **Sample Size : 10 PCS**

Test item : Life Test

Test Condition : 1. Input rated voltage(220Vac) 2. Test temperature : max operating temperature.(60°C) 3. With Thin Metal Impeller Loading(Ø230X1mm、28°) 4. Continue running until fail. 5. Test duration : 6360hrs	
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Equipment: 1.Oven: E24-F0108

Test Data Between Initial Test and Final Test (With Thin Metal Impeller Loading)

	Initial Test	Final Test	Deviation	Initial Test	Final Test	Deviation	Initial Test	Final Test	Deviation
Sample	Current Spec.	Current Spec.	Deviation	Speed Spec.	Speed Spec.	Deviation	Speed Spec.	Speed Spec.	Deviation
	V _m = 220V	V _m = 220V		V _m = 220V	V _m = 220V		V _m = 220V	V _m = 220V	
	Max.(A)	Max.(A)		(RPM)	(RPM)		dB(A)	dB(A)	
No.	0.20	0.20	%	1440-1760	1440-1760	%	55.2Max	55.2Max	%
1	0.125	0.142	13.6	1609	1567	-2.6	48.8	47.3	-1.5
2	0.142	0.145	2.1	1604	1599	-0.3	48.8	47.4	-1.4
3	0.128	0.162	26.6	1609	1612	0.2	49.5	47.8	-1.7
4	0.142	0.148	4.2	1611	1600	-0.7	49.2	47.4	-1.8
5	0.141	0.146	3.5	1600	1602	0.1	48.9	47.5	-1.4
6	0.145	0.168	15.9	1610	1600	-0.6	49.1	47.5	-1.6
7	0.124	0.146	17.7	1616	1594	-1.4	49.2	47.3	-1.9
8	0.129	0.142	10.1	1604	1519	-5.3	49.0	47.2	-1.8
9	0.123	0.146	18.7	1604	1541	-3.9	48.9	48.0	-0.9
10	0.122	0.148	21.3	1603	1585	-1.1	48.7	47.5	-1.2
Mean (X-Bar)	0.13	0.15	--	1607	1582	--	49.01	47.49	--
Standard Deviation	0.009	0.009	--	4.784	30.304	--	0.242	0.242	--

Evaluation Result: <input checked="" type="checkbox"/> Acceptance <input type="checkbox"/> Reject	Remark : The environmental conditions are as follows: - Temperature range : 15 °C to 35 °C - Relative humidity : 25% to 75%RH - Air pressure : 86 kpa to 106 kpa (860 mbar to 1060 mbar)
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DG16FNL084-Life	7-Mar-18	Loly.Wang	Jinze.Nie	Tim.Yi