



TYPE TEST REPORT OF SINGLE PHASE ASYNCHRONOUS MOTOR

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MODEL	ML802-4	KW	0.75KW
CLASS	F	POLE	4 main I=3.7A
IP	IP55	VOLT(V)	230 asist.I=2.5A
S/N	20051004001	Hz	50
START C(μF/V)	100/250	RATED CURRENT	
RUN C(μF/V)	25/450	RATED RPM 1400	

No:	ITEM	UNIT	STANDARD	TOLERANCE	RESULT
1	Efficiency	%			73.24
2	Power factor	Cosφ			0.9682
3	Temp.rise of stator main winding	K			60.04
4	Temp.rise of stator assist. winding	K			54.95
5	Temp.rise of stator main winding when over load 1.5 times	K			
6	Temp.rise of stator assist. Winding when over load 1.5 times	K			
7	Pullup torque/rated torque				1.39
8	Max torque/rated torque				2.42
9	Locked totor torque/rayed torque				2.46
10	Locked totor current/rayed current				5.22
11	Full load input	Kw			1.0388
12	Full load output	Kw			0.7608
13	Full load current	A			4.665
14	Full load torque	Nm			5.09
15	Full load speed	RPM			1409.7
16	Slip	%			6.022
17	No load input	Kw			0.3438
18	No load current	A			2.807
19	Stray load loss	Kw			0.0052
20	Iron core loss	Kw			0.3087
21	Friction&windage loss	Kw			0.0045
22	Stator winding loss	Kw			
23	Rotor winding loss	Kw			
24	Stator mian winding resistance(25°C)	Ω			4.432
25	Stator assist. winding resistance(25°C)	Ω			7.077
26	High voltage test	KV			1.5
27	Impulse voltage test	KV			1.5
28	Hot insulation resistance of stator winding	MΩ			500
29	Open speed of centrifugal switch	RPM			1050
30	No load voltage of run capacitor end	V			392
31	Full load voltage of run capacitor end	V			355
32	Temp.of bearing	°C			59
33	Vibration	mm/s			
34	Noise(LP)	dB(a)			

L=80 main Φ0.83 35,50,24 asistant Φ0.72 44,57,27