



## TYPE TEST REPORT OF SINGLE PHASE ASYNCHRONOUS MOTOR

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MODEL	ML802-2	KW	1.1KW
CLASS	F	POLE	2
IP	IP55	VOLT(V)	230      75mm CORE
S/N	20050741001	Hz	50
START C(μF/V)	150/300	RATED CURRENT	
RUN C(μF/V)	25/450	RATED RPM	2800

No:	ITEM	UNIT	STANDARD	TOLERANCE	RESULT
1	Efficiency	%			77.19
2	Power factor	Cosφ			0.9839
3	Temp.rise of stator main winding	K			56.76
4	Temp.rise of stator assist. winding	K			57.59
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				
8	Max torque/rated torque				
9	Locked rotor torque/rated torque				2.58
10	Locked rotor current/rated current				6.03
11	Full load input	Kw			1.4338
12	Full load output	Kw			1.1067
13	Full load current	A			6.336
14	Full load torque	Nm			3.74
15	Full load speed	RPM			2805.7
16	Slip	%			6.478
17	No load input	Kw			0.3162
18	No load current	A			2.829
19	Stray load loss	Kw			0.0072
20	Iron core loss	Kw			0.2598
21	Friction&windage loss	Kw			0.0352
22	Stator winding loss	Kw			
23	Rotor winding loss	Kw			
24	Stator main winding resistance(25°C)	Ω			2.7208
25	Stator assist. winding resistance(25°C)	Ω			5.6023
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			
30	No load voltage of run capacitor end	V			433
31	Full load voltage of run capacitor end	V			383
32	Temp.of bearing	°C			58
33	Vibration	mm/s			
34	Noise(LP)	dB(a)			

L=75 MAIN WINDING Φ2-0.65 40,40,30,18 ASIST WINDING: Φ0.74 63,63,33,17  
250uF/250V 25uF/450V