



## Type Test Report (single phase motor)

Type: T2L100L2-4      Voltage: 230 V      Design list No: 上海特波电机有限公司  
 Power: 3000 W      Rated current: A      Product No: 试验机  
 Frequency: 50Hz      Rated speed: r/min      Report No: 20230301001  
 Start C: 35uf/300v      Run C: 60 uf/450v

Test Item		Value		Result
1	Efficiency %		85.5	
2	Power factor		0.952	
3	Temp.rise of stator main winding K		56.1	
4	Temp.rise of stator assist winding K		55.9	
5	Vibration mm/s			
6	Noise dB (A)(L w)			
7	Max torque/rated torque		2.08	
8	Pullup torque/rated torque		1.38	
9	Locked rotor tor./rated tor.		2.37	
10	Locked rotor cur./rated cur.		6.49	
11	Stator main winding resistance $\Omega$ 13.0 $^{\circ}$ C		0.68790	
12	Stator assist winding resistance $\Omega$ 13.0 $^{\circ}$ C		1.5875	
13	Temperature of bearing $^{\circ}$ C		46.0	
14	Full load line current A		16.02	
15	Full load torque N.m		19.63	
16	Slip %		2.684	
17	Full load speed r/min		1459.7	
18	Full load input w		3508	
19	No load current A		5.977	
20	No load input w		442.6	
21	Friction & Windage Loss w		30.96	
22	Locked rotor torque N.m		46.51	
23	Locked rotor current A		103.9	
24	Locked rotor Power w		21667	
25	Locked rotor current A (60 V)		20.33	
26	Locked rotor Power W (60 V)		729.6	
27	Locked rotor torque N.m(60 V)		0.1389	
28	No load voltage of run capacitor end V		390	
29	Full load voltage of run capacitor end V		348	
30	Open speed of centrifugal switch r/min		1038	
Remark:				