



## Type Test Report (single phase motor)

Type: T2L100L1-4      Voltage: 230 V      Design list No: 上海特波电机有限公司  
 Power: 2200 W      Rated current: A      Product No: 试验机  
 Frequency: 50Hz      Rated speed: r/min      Report No: 20230228002  
 Start C: 250uf /300v      Run C: 50 uf/450v

Test Item				Value	Result
1	Efficiency %			85.0	
2	Power factor			0.982	
3	Temp.rise of stator main winding K			47.1	
4	Temp.rise of stator assist winding K			48.0	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.88	
8	Pullup torque/rated torque			1.57	
9	Locked rotor tor./rated tor.			2.31	
10	Locked rotor cur./rated cur.			6.07	
11	Stator main winding resistance $\Omega$ 12.4 $^{\circ}$ C			1.1424	
12	Stator assist winding resistance $\Omega$ 12.4 $^{\circ}$ C			2.3000	
13	Temperature of bearing $^{\circ}$ C			40.0	
14	Full load line current A			11.45	
15	Full load torque N.m			14.39	
16	Slip %			2.665	
17	Full load speed r/min			1460.0	
18	Full load input w			2587	
19	No load current A			2.813	
20	No load input w			354.8	
21	Friction & Windage Loss w			23.61	
22	Locked rotor torque N.m			33.20	
23	Locked rotor current A			69.48	
24	Locked rotor Power w			15037	
25	Locked rotor current A (60 V)			12.74	
26	Locked rotor Power W (60 V)			340.3	
27	Locked rotor torque N.m(60 V)			1.620	
28	No load voltage of run capacitor end V			395	
29	Full load voltage of run capacitor end V			349	
30	Open speed of centrifugal switch r/min			1203	
Remark:					