



## Type Test Report (single phase motor)

Type: T2L90L-4      Voltage: 230 V      Design list No: 上海特波电机有限公司  
 Power: 1500 W      Rated current: A      Product No: 试验机  
 Frequency: 50Hz      Rated speed: r/min      Report No: 20230201001  
 Start C: uf      Run C: 40uf/450V

Test Item		Value		Result
1	Efficiency %		83.4	
2	Power factor		0.994	
3	Temp.rise of stator main winding K		37.3	
4	Temp.rise of stator assist winding K		33.9	
5	Vibration mm/s			
6	Noise dB (A)(L w)			
7	Max torque/rated torque		1.77	
8	Pullup torque/rated torque		1.70	
9	Locked rotor tor./rated tor.		2.36	
10	Locked rotor cur./rated cur.		5.57	
11	Stator main winding resistance $\Omega$ 9.9°C		1.7700	
12	Stator assist winding resistance $\Omega$ 9.9°C		2.5853	
13	Temperature of bearing °C		35.0	
14	Full load line current A		7.871	
15	Full load torque N.m		10.01	
16	Slip %		4.609	
17	Full load speed r/min		1430.9	
18	Full load input w		1799	
19	No load current A		1.326	
20	No load input w		233.2	
21	Friction & Windage Loss w		13.22	
22	Locked rotor torque N.m		23.58	
23	Locked rotor current A		43.81	
24	Locked rotor Power w		9837	
25	Locked rotor current A (60V)		10.80	
26	Locked rotor Power W (60V)		634.3	
27	Locked rotor torque N.m(60V)		1.562	
28	No load voltage of run capacitor end V		354	
29	Full load voltage of run capacitor end V		311	
30	Open speed of centrifugal switch r/min		1245	
Remark:				