



## Type Test Report (single phase motor)

Type: T2L90S-2      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: 20230213002  
 Start C: uf      Run C: 35 uf/450v

Test Item				Value	Result
1	Efficiency %			81.6	
2	Power factor			0.982	
3	Temp.rise of stator main winding K			50.5	
4	Temp.rise of stator assist winding K			59.3	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.82	
8	Pullup torque/rated torque			1.57	
9	Locked rotor tor./rated tor.			2.30	
10	Locked rotor cur./rated cur.			6.38	
11	Stator main winding resistance $\Omega$ 12.3 $^{\circ}$ C			1.5365	
12	Stator assist winding resistance $\Omega$ 12.3 $^{\circ}$ C			2.9253	
13	Temperature of bearing $^{\circ}$ C			32.0	
14	Full load line current A			8.139	
15	Full load torque N.m			5.012	
16	Slip %			4.731	
17	Full load speed r/min			2858.1	
18	Full load input w			1838	
19	No load current A			2.075	
20	No load input w			258.2	
21	Friction & Windage Loss w			32.46	
22	Locked rotor torque N.m			11.53	
23	Locked rotor current A			51.94	
24	Locked rotor Power w			11637	
25	Locked rotor current A (60V)			11.84	
26	Locked rotor Power W (60V)			671.4	
27	Locked rotor torque N.m(60V)			0.8066	
28	No load voltage of run capacitor end V			370	
29	Full load voltage of run capacitor end V			326	
30	Open speed of centrifugal switch r/min			2161	
Remark:					