



## Type Test Report (single phase motor)

Type: T2Y801-4      Voltage: 230 V      Design list No: 上海特波电机有限公司  
 Power: 550 W      Rated current: A      Product No: 试验机  
 Frequency: 50Hz      Rated speed: r/min      Report No: 20230104001  
 Start C: uf      Run C: 25 uf/450v

Test Item		Value		Result
1	Efficiency %		77.1	
2	Power factor		0.994	
3	Temp.rise of stator main winding K		42.8	
4	Temp.rise of stator assist winding K		43.6	
5	Vibration mm/s			
6	Noise dB (A)(L w)			
7	Max torque/rated torque		1.71	
8	Pullup torque/rated torque		0.39	
9	Locked rotor tor./rated tor.		0.39	
10	Locked rotor cur./rated cur.		3.64	
11	Stator main winding resistance $\Omega$ 10.3 $^{\circ}$ C		5.7143	
12	Stator assist winding resistance $\Omega$ 10.3 $^{\circ}$ C		6.2003	
13	Temperature of bearing $^{\circ}$ C		34.0	
14	Full load line current A		3.128	
15	Full load torque N.m		3.691	
16	Slip %		5.134	
17	Full load speed r/min		1423.0	
18	Full load input w		715.2	
19	No load current A		1.034	
20	No load input w		190.4	
21	Friction & Windage Loss w		8.679	
22	Locked rotor torque N.m		1.423	
23	Locked rotor current A		11.39	
24	Locked rotor Power w		2066	
25	Locked rotor current A (60V)		2.510	
26	Locked rotor Power W (60 V)		112.3	
27	Locked rotor torque N.m(60V)		0.0665	
28	No load voltage of run capacitor end V		344	
29	Full load voltage of run capacitor end V		308	
30	Open speed of centrifugal switch r/min			
Remark:				