



## Type Test Report (single phase motor)

Type: T2Y711-4      Voltage: 230 V      Design list No: 上海特波电机有限公司  
 Power: 250 W      Rated current: A      Product No: 试验机  
 Frequency: 50Hz      Rated speed: r/min      Report No: 20221129002  
 Start C: uf      Run C: 14uf/450v

Test Item		Value		Result
1	Efficiency %		69.1	
2	Power factor		0.996	
3	Temp.rise of stator main winding K		47.7	
4	Temp.rise of stator assist winding K		49.4	
5	Vibration mm/s			
6	Noise dB (A)(L w)			
7	Max torque/rated torque		1.71	
8	Pullup torque/rated torque		0.48	
9	Locked rotor tor./rated tor.		0.51	
10	Locked rotor cur./rated cur.		2.96	
11	Stator main winding resistance $\Omega$ 19.2 $^{\circ}$ C		17.680	
12	Stator assist winding resistance $\Omega$ 19.2 $^{\circ}$ C		17.110	
13	Temperature of bearing $^{\circ}$ C		36.0	
14	Full load line current A		1.579	
15	Full load torque N.m		1.663	
16	Slip %		4.263	
17	Full load speed r/min		1436.1	
18	Full load input w		361.7	
19	No load current A		0.8606	
20	No load input w		167.7	
21	Friction & Windage Loss w			
22	Locked rotor torque N.m		0.8438	
23	Locked rotor current A		4.681	
24	Locked rotor Power w		929.0	
25	Locked rotor current A (60 V)		0.9402	
26	Locked rotor Power W (60 V)		46.09	
27	Locked rotor torque N.m(60 V)		0.0943	
28	No load voltage of run capacitor end V		385	
29	Full load voltage of run capacitor end V		343	
30	Open speed of centrifugal switch r/min			
Remark:				