



## Type Test Report (single phase motor)

Type: T2Y90S-4      Voltage: 230 V      Design list No: 上海特波电机有限公司  
 Power: 1100 W      Rated current: A      Product No: 试验机  
 Frequency: 50Hz      Rated speed: r/min      Report No: 20230308001  
 Start C: uf      Run C: 40uf/450v

Test Item				Value	Result
1	Efficiency %			81.5	
2	Power factor			0.994	
3	Temp.rise of stator main winding K			40.4	
4	Temp.rise of stator assist winding K			44.8	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.78	
8	Pullup torque/rated torque			0.35	
9	Locked rotor tor./rated tor.			0.37	
10	Locked rotor cur./rated cur.			3.71	
11	Stator main winding resistance $\Omega$ 15.8 $^{\circ}$ C			2.4040	
12	Stator assist winding resistance $\Omega$ 15.8 $^{\circ}$ C			3.7113	
13	Temperature of bearing $^{\circ}$ C			40.0	
14	Full load line current A			5.908	
15	Full load torque N.m			7.320	
16	Slip %			4.329	
17	Full load speed r/min			1435.1	
18	Full load input w			1350	
19	No load current A			1.680	
20	No load input w			297.4	
21	Friction & Windage Loss w			12.45	
22	Locked rotor torque N.m			2.742	
23	Locked rotor current A			21.93	
24	Locked rotor Power w			3875	
25	Locked rotor current A (60 V)			4.624	
26	Locked rotor Power W (60 V)			200.0	
27	Locked rotor torque N.m(60 V)			0.0566	
28	No load voltage of run capacitor end V			376	
29	Full load voltage of run capacitor end V			334	
30	Open speed of centrifugal switch r/min				
Remark:					