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　Ω　15.8℃			2.4040	
12	Stator assist winding resistance　Ω 15.8℃			3.7113	
13	Temperature of bearing　℃			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：