Type Test Report（single phase motor）

Type：T2Y90L-2　　Voltage：230 V　　Design list No：上海特波电机有限公司

Power：2200　W　　Rated current：　A　　Product No：试验机

Frequency：50Hz　　Rated speed：　r/min　　Report No：20230211004

Start C：uf　　Run C：　60uf/450v

Test Item				Value	Result
1	Efficiency %			83.6	
2	Power factor			0.994	
3	Temp.rise of stator main winding　K			47.2	
4	Temp.rise of stator assist winding　K			54.2	
5	Vibration　mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			2.02	
8	Pullup torque/rated torque			0.35	
9	Locked rotor tor./rated tor.			0.35	
10	Locked rotor cur./rated cur.			6.05	
11	Stator main winding resistance　Ω　13.1℃			0.83660	
12	Stator assist winding resistance　Ω　13.1℃			1.5473	
13	Temperature of bearing　℃			37.0	
14	Full load line current　A			11.52	
15	Full load torque　N .m			7.285	
16	Slip　%			3.862	
17	Full load speed　r /min			2884.1	
18	Full load input　w			2633	
19	No load current　A			2.253	
20	No load input　w			390.3	
21	Friction & Windage Loss　w			45.08	
22	Locked rotor torque N.m			2.537	
23	Locked rotor current A			69.68	
24	Locked rotor Power w			12391	
25	Locked rotor current A　（60V）			12.28	
26	Locked rotor Power W　(60V)			470.3	
27	Locked rotor torque N.m(60V)			0.0828	
28	No load voltage of run capacitor end　V			379	
29	Full load voltage of run capacitor end　V			339	
30	Open speed of centrifugal switch　r/min				

Remark：