Type Test Report（single phase motor）

Type：T2Y712-2　　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：20221125002

Start C：uf　　Run C：　　20uf/450v

Test Item				Value	Result
1	Efficiency %			75.8	
2	Power factor			0.969	
3	Temp.rise of stator main winding　K			36.3	
4	Temp.rise of stator assist winding　K			41.7	
5	Vibration　mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			2.04	
8	Pullup torque/rated torque			0.56	
9	Locked rotor tor./rated tor.			0.64	
10	Locked rotor cur./rated cur.			4.49	
11	Stator main winding resistance　Ω　19.6℃			4.2640	
12	Stator assist winding resistance　Ω　19.6℃			7.6243	
13	Temperature of bearing　℃			36.0	
14	Full load line current　A			3.256	
15	Full load torque　N .m			1.865	
16	Slip　%			6.118	
17	Full load speed　r /min			2816.5	
18	Full load input　w			725.7	
19	No load current　A			1.481	
20	No load input　w			187.3	
21	Friction & Windage Loss　w			20.53	
22	Locked rotor torque N.m			1.186	
23	Locked rotor current A			14.61	
24	Locked rotor Power w			2855	
25	Locked rotor current A　（60 V）			2.427	
26	Locked rotor Power W　(60 V)			99.13	
27	Locked rotor torque N.m(60 V)			0.0376	
28	No load voltage of run capacitor end　V			383	
29	Full load voltage of run capacitor end　V			343	
30	Open speed of centrifugal switch　r/min				

Remark：