Type Test Report（single phase motor）

Type：T2Y802-2　　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：20230215002

Start C：uf　　Run C：　35uf/450v

Test Item				Value	Result
1	Efficiency %			79.7	
2	Power factor			0.991	
3	Temp.rise of stator main winding　K			69.3	
4	Temp.rise of stator assist winding　K			75.6	
5	Vibration　mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.91	
8	Pullup torque/rated torque			0.40	
9	Locked rotor tor./rated tor.			0.38	
10	Locked rotor cur./rated cur.			4.82	
11	Stator main winding resistance　Ω　12.0℃			2.0220	
12	Stator assist winding resistance　Ω　12.0℃			3.3330	
13	Temperature of bearing　℃			47.0	
14	Full load line current　A			6.058	
15	Full load torque　N .m			3.711	
16	Slip　%			5.650	
17	Full load speed　r /min			2830.5	
18	Full load input　w			1381	
19	No load current　A			1.732	
20	No load input　w			265.1	
21	Friction & Windage Loss　w			17.91	
22	Locked rotor torque N.m			1.393	
23	Locked rotor current A			29.19	
24	Locked rotor Power w			5676	
25	Locked rotor current A　（60V）			5.424	
26	Locked rotor Power W　(60V)			251.1	
27	Locked rotor torque N.m(60V)			0.1022	
28	No load voltage of run capacitor end　V			368	
29	Full load voltage of run capacitor end　V			327	
30	Open speed of centrifugal switch　r/min				

Remark：