Type Test Report（single phase motor）

Type：T2Y631-2　　Voltage：230 V　　Design list No：上海特波电机有限公司

Power：180　　W　　Rated current：　　A　　Product No：试验机

Frequency：50Hz　　Rated speed：　　r/min　　Report No：20230105002

Start C：uf　　Run C：　　8 uf/450v

Test Item				Value	Result
1	Efficiency %			63.1	
2	Power factor			0.961	
3	Temp.rise of stator main winding　K			44.2	
4	Temp.rise of stator assist winding　K			48.6	
5	Vibration　mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.74	
8	Pullup torque/rated torque			0.54	
9	Locked rotor tor./rated tor.			0.49	
10	Locked rotor cur./rated cur.			2.85	
11	Stator main winding resistance　Ω　12.3℃			20.317	
12	Stator assist winding resistance　Ω　12.3℃			34.587	
13	Temperature of bearing　℃			29.0	
14	Full load line current　A			1.316	
15	Full load torque　N .m			0.6178	
16	Slip　%			7.257	
17	Full load speed　r /min			2782.3	
18	Full load input　w			290.7	
19	No load current　A			0.9395	
20	No load input　w			135.0	
21	Friction & Windage Loss　w			7.004	
22	Locked rotor torque N.m			0.3028	
23	Locked rotor current A			3.756	
24	Locked rotor Power w			786.8	
25	Locked rotor current A　（60 V）			0.8101	
26	Locked rotor Power W　(60 V)			32.66	
27	Locked rotor torque N.m(60 V)			0.0628	
28	No load voltage of run capacitor end　V			380	
29	Full load voltage of run capacitor end　V			338	
30	Open speed of centrifugal switch　r/min				

Remark：