Type Test Report（single phase motor）

Type：MY2 100M1-4　　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：20230828001

Start C：uf　　Run C：　　70uf/450v

Test Item				Value	Result
1	Efficiency %			85.2	
2	Power factor			0.995	
3	Temp.rise of stator main winding　K			42.5	
4	Temp.rise of stator assist winding　K			46.7	
5	Vibration　mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.84	
8	Pullup torque/rated torque			0.30	
9	Locked rotor tor./rated tor.			0.53	
10	Locked rotor cur./rated cur.			4.18	
11	Stator main winding resistance　Ω　27.9℃			0.99915	
12	Stator assist winding resistance　Ω　27.9℃			1.7228	
13	Temperature of bearing　℃			56.0	
14	Full load line current　A			11.28	
15	Full load torque　N .m			14.49	
16	Slip　%			3.366	
17	Full load speed　r /min			1449.5	
18	Full load input　w			2582	
19	No load current　A			2.416	
20	No load input　w			442.4	
21	Friction & Windage Loss　w			30.58	
22	Locked rotor torque N.m			7.736	
23	Locked rotor current A			47.10	
24	Locked rotor Power w			8206	
25	Locked rotor current A　（60V）			8.901	
26	Locked rotor Power W　(60V)			342.2	
27	Locked rotor torque N.m(60V)			0.8623	
28	No load voltage of run capacitor end　V			385	
29	Full load voltage of run capacitor end　V			343	
30	Open speed of centrifugal switch　r/min				

Remark：