Type Test Report（single phase motor）

Type：MY2 100L-2　　Voltage：230 V　　Design list No：上海特波电机有限公司

Power：3000　　W　　Rated current：　　A　　Product No：试验机 2#宁德

Frequency：50Hz　　Rated speed：　　r/min　　Report No：20230905001

Start C：uf　　Run C：　　80uf/450v

Test Item				Value	Result
1	Efficiency %			86.0	
2	Power factor			0.995	
3	Temp.rise of stator main winding　K			42.5	
4	Temp.rise of stator assist winding　K			46.6	
5	Vibration　mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			2.42	
8	Pullup torque/rated torque			0.41	
9	Locked rotor tor./rated tor.			0.43	
10	Locked rotor cur./rated cur.			6.73	
11	Stator main winding resistance　Ω　26.0℃			0.56002	
12	Stator assist winding resistance　Ω　26.0℃			0.95470	
13	Temperature of bearing　℃			52.0	
14	Full load line current　A			15.24	
15	Full load torque　N .m			9.851	
16	Slip　%			3.057	
17	Full load speed　r /min			2908.3	
18	Full load input　w			3487	
19	No load current　A			2.506	
20	No load input　w			457.2	
21	Friction & Windage Loss　w			58.59	
22	Locked rotor torque N.m			4.228	
23	Locked rotor current A			102.6	
24	Locked rotor Power w			19022	
25	Locked rotor current A　（60V）			20.05	
26	Locked rotor Power W　(60V)			775.8	
27	Locked rotor torque N.m(60V)			0.0377	
28	No load voltage of run capacitor end　V			383	
29	Full load voltage of run capacitor end　V			341	
30	Open speed of centrifugal switch　r/min				

Remark：