Type Test Report（single phase motor）

Type：MY2 712-6　　Voltage：230 V　　Design list No：上海特波电机有限公司

Power：250　W　　Rated current：　A　　Product No：试验机

Frequency：50Hz　　Rated speed：　r/min　　Report No：20230426001

Start C：uf　　Run C：　16uf/450v

Test Item				Value	Result
1	Efficiency %			61.8	
2	Power factor			0.984	
3	Temp.rise of stator main winding　K			52.4	
4	Temp.rise of stator assist winding　K			52.1	
5	Vibration　mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.65	
8	Pullup torque/rated torque			0.49	
9	Locked rotor tor./rated tor.			0.48	
10	Locked rotor cur./rated cur.			2.63	
11	Stator main winding resistance　Ω　18.1℃			17.680	
12	Stator assist winding resistance　Ω　18.1℃			15.517	
13	Temperature of bearing　℃			47.0	
14	Full load line current　A			1.787	
15	Full load torque　N .m			2.537	
16	Slip　%			5.904	
17	Full load speed　r /min			940.96	
18	Full load input　w			404.5	
19	No load current　A			1.219	
20	No load input　w			216.6	
21	Friction & Windage Loss　w			1.938	
22	Locked rotor torque N.m			1.215	
23	Locked rotor current A			4.709	
24	Locked rotor Power w			946.4	
25	Locked rotor current A （60V）			1.063	
26	Locked rotor Power W　(60V)			54.52	
27	Locked rotor torque N.m(60V)			0.0847	
28	No load voltage of run capacitor end　V			380	
29	Full load voltage of run capacitor end　V			343	
30	Open speed of centrifugal switch　r/min				

Remark：