Type Test Report（single phase motor）

Type：T2L90S-4　　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：20230228001

Start C：uf　　Run C：　35uf/450v

Test Item				Value	Result
1	Efficiency %			81.7	
2	Power factor			0.989	
3	Temp.rise of stator main winding　K			36.9	
4	Temp.rise of stator assist winding　K			37.6	
5	Vibration　mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.80	
8	Pullup torque/rated torque			1.71	
9	Locked rotor tor./rated tor.			2.62	
10	Locked rotor cur./rated cur.			5.73	
11	Stator main winding resistance　Ω　12.3℃			2.6830	
12	Stator assist winding resistance　Ω　12.3℃			3.7450	
13	Temperature of bearing　℃			35.0	
14	Full load line current　A			5.922	
15	Full load torque　N .m			7.325	
16	Slip　%			4.389	
17	Full load speed　r /min			1434.2	
18	Full load input　w			1347	
19	No load current　A			1.964	
20	No load input　w			263.2	
21	Friction & Windage Loss　w			9.281	
22	Locked rotor torque N.m			19.21	
23	Locked rotor current A			33.94	
24	Locked rotor Power w			7623	
25	Locked rotor current A　（60V）			8.487	
26	Locked rotor Power W　(60V)			499.6	
27	Locked rotor torque N.m(60V)			1.264	
28	No load voltage of run capacitor end　V			366	
29	Full load voltage of run capacitor end　V			327	
30	Open speed of centrifugal switch　r/min			1228	

Remark：