Type Test Report（single phase motor）

Type：T2Y 90L-4　　Voltage：230 V　　Design list No：上海特波电机有限公司

Power：1500　W　　Rated current：　A　　Product No：试验机

Frequency：50Hz　　Rated speed：　r/min　　Report No：20230306002

Start C：uf　　Run C：　40uf/450V

Test Item				Value	Result
1	Efficiency %			82.8	
2	Power factor			0.995	
3	Temp.rise of stator main winding　K			42.3	
4	Temp.rise of stator assist winding　K			45.6	
5	Vibration　mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.87	
8	Pullup torque/rated torque			0.27	
9	Locked rotor tor./rated tor.			0.29	
10	Locked rotor cur./rated cur.			4.56	
11	Stator main winding resistance　Ω　14.3℃			1.5608	
12	Stator assist winding resistance　Ω　14.3℃			3.2940	
13	Temperature of bearing　℃			47.0	
14	Full load line current　A			7.913	
15	Full load torque　N .m			9.994	
16	Slip　%			4.442	
17	Full load speed　r /min			1433.4	
18	Full load input　w			1811	
19	No load current　A			1.822	
20	No load input　w			328.8	
21	Friction & Windage Loss　w			22.95	
22	Locked rotor torque N.m			2.888	
23	Locked rotor current A			36.08	
24	Locked rotor Power w			5817	
25	Locked rotor current A　（60 V）			7.453	
26	Locked rotor Power W　(60 V)			287.7	
27	Locked rotor torque N.m(60 V)			0.0926	
28	No load voltage of run capacitor end　V			407	
29	Full load voltage of run capacitor end　V			357	
30	Open speed of centrifugal switch　r/min				

Remark：