



Type Test Report (single phase motor)

Type: T2L112M1-4 Voltage: 230 V Design list No: 上海特波电机有限公司
Power: 3700 W Rated current: A Product No: 试验机
Frequency: 50Hz Rated speed: r/min Report No: 20230213001
Start C: 400uf /300v Run C 60uf/450v

Test Item				Value	Result
1	Efficiency %			87.1	
2	Power factor			0.971	
3	Temp.rise of stator main winding K			49.0	
4	Temp.rise of stator assist winding K			49.4	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.93	
8	Pullup torque/rated torque			1.84	
9	Locked rotor tor./rated tor.			1.86	
10	Locked rotor cur./rated cur.			6.45	
11	Stator main winding resistance Ω 13.0℃			0.55220	
12	Stator assist winding resistance Ω 13.0℃			1.4699	
13	Temperature of bearing ℃			37.0	
14	Full load line current A			19.02	
15	Full load torque N .m			24.17	
16	Slip %			2.555	
17	Full load speed r /min			1461.7	
18	Full load input w			4246	
19	No load current A			3.963	
20	No load input w			414.5	
21	Friction & Windage Loss w			47.91	
22	Locked rotor torque N.m			45.03	
23	Locked rotor current A			122.7	
24	Locked rotor Power w			24491	
25	Locked rotor current A (60 V)			29.06	
26	Locked rotor Power W (60 V)			1538	
27	Locked rotor torque N.m(60 V)			3.902	
28	No load voltage of run capacitor end V			424	
29	Full load voltage of run capacitor end V			373	
30	Open speed of centrifugal switch r/min				
Remark:					