



Type Test Report (single phase motor)

Type: T2L100L2-4 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
Frequency: 50Hz Rated speed: r/min Report No: 20230301001
Start C: 35uf/300v Run C: 60 uf/450v

Test Item				Value	Result
1	Efficiency %			85.5	
2	Power factor			0.952	
3	Temp.rise of stator main winding K			56.1	
4	Temp.rise of stator assist winding K			55.9	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			2.08	
8	Pullup torque/rated torque			1.38	
9	Locked rotor tor./rated tor.			2.37	
10	Locked rotor cur./rated cur.			6.49	
11	Stator main winding resistance Ω 13.0℃			0.68790	
12	Stator assist winding resistance Ω 13.0℃			1.5875	
13	Temperature of bearing ℃			46.0	
14	Full load line current A			16.02	
15	Full load torque N.m			19.63	
16	Slip %			2.684	
17	Full load speed r /min			1459.7	
18	Full load input w			3508	
19	No load current A			5.977	
20	No load input w			442.6	
21	Friction & Windage Loss w			30.96	
22	Locked rotor torque N.m			46.51	
23	Locked rotor current A			103.9	
24	Locked rotor Power w			21667	
25	Locked rotor current A (60 V)			20.33	
26	Locked rotor Power W (60 V)			729.6	
27	Locked rotor torque N.m(60 V)			0.1389	
28	No load voltage of run capacitor end V			390	
29	Full load voltage of run capacitor end V			348	
30	Open speed of centrifugal switch r/min			1038	
Remark:					