



Type Test Report (single phase motor)

Type: T2L90L-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: 20230201001
Start C: uf Run C: 40uf/450V

Test Item				Value	Result
1	Efficiency %			83.4	
2	Power factor			0.994	
3	Temp.rise of stator main winding K			37.3	
4	Temp.rise of stator assist winding K			33.9	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.77	
8	Pullup torque/rated torque			1.70	
9	Locked rotor tor./rated tor.			2.36	
10	Locked rotor cur./rated cur.			5.57	
11	Stator main winding resistance Ω 9.9℃			1.7700	
12	Stator assist winding resistance Ω 9.9℃			2.5853	
13	Temperature of bearing ℃			35.0	
14	Full load line current A			7.871	
15	Full load torque N .m			10.01	
16	Slip %			4.609	
17	Full load speed r /min			1430.9	
18	Full load input w			1799	
19	No load current A			1.326	
20	No load input w			233.2	
21	Friction & Windage Loss w			13.22	
22	Locked rotor torque N.m			23.58	
23	Locked rotor current A			43.81	
24	Locked rotor Power w			9837	
25	Locked rotor current A (60V)			10.80	
26	Locked rotor Power W (60V)			634.3	
27	Locked rotor torque N.m(60V)			1.562	
28	No load voltage of run capacitor end V			354	
29	Full load voltage of run capacitor end V			311	
30	Open speed of centrifugal switch r/min			1245	
Remark:					