



Type Test Report (single phase motor)

Type: T2L801-4 Voltage: 230 V Design list No: 上海特波电机有限公司
 Power: 550 W Rated current: A Product No: 试验机
 Frequency: 50Hz Rated speed: r/min Report No: 20230203001
 Start C: uf Run C: 20uf/450v

Test Item		Value		Result
1	Efficiency %		77.4	
2	Power factor		0.987	
3	Temp.rise of stator main winding K		41.5	
4	Temp.rise of stator assist winding K		42.1	
5	Vibration mm/s			
6	Noise dB (A)(L w)			
7	Max torque/rated torque		1.66	
8	Pullup torque/rated torque		1.52	
9	Locked rotor tor./rated tor.		2.40	
10	Locked rotor cur./rated cur.		5.22	
11	Stator main winding resistance Ω 9.7°C		6.1830	
12	Stator assist winding resistance Ω 9.7°C		8.0443	
13	Temperature of bearing °C		29.0	
14	Full load line current A		3.133	
15	Full load torque N.m		3.708	
16	Slip %		5.565	
17	Full load speed r/min		1416.5	
18	Full load input w		710.9	
19	No load current A		1.216	
20	No load input w		173.6	
21	Friction & Windage Loss w		4.595	
22	Locked rotor torque N.m		8.884	
23	Locked rotor current A		16.34	
24	Locked rotor Power w		3712	
25	Locked rotor current A (60V)		4.171	
26	Locked rotor Power W (60V)		244.3	
27	Locked rotor torque N.m(60V)		0.5740	
28	No load voltage of run capacitor end V		359	
29	Full load voltage of run capacitor end V		317	
30	Open speed of centrifugal switch r/min		1102	
Remark:				