



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℃			6.1830	
12	Stator assist winding resistance Ω 9.7℃			8.0443	
13	Temperature of bearing ℃			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:					