



Type Test Report (single phase motor)

Type: T2L712-2 Voltage: 230 V Design list No: 上海特波电机有限公司
Power: 550 W Rated current: A Product No: 实验机
Frequency: 50Hz Rated speed: r/min Report No: 20221203001
Start C: uf Run C: 16uf/450v

Test Item				Value	Result
1	Efficiency %			75.8	
2	Power factor			0.960	
3	Temp.rise of stator main winding K			37.0	
4	Temp.rise of stator assist winding K			39.6	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.93	
8	Pullup torque/rated torque			1.78	
9	Locked rotor tor./rated tor.			2.36	
10	Locked rotor cur./rated cur.			5.08	
11	Stator main winding resistance Ω 13.0℃			4.6130	
12	Stator assist winding resistance Ω 13.0℃			9.5620	
13	Temperature of bearing ℃			28.0	
14	Full load line current A			3.286	
15	Full load torque N.m			1.879	
16	Slip %			6.828	
17	Full load speed r/min			2795.2	
18	Full load input w			725.2	
19	No load current A			1.556	
20	No load input w			169.5	
21	Friction & Windage Loss w			17.30	
22	Locked rotor torque N.m			4.430	
23	Locked rotor current A			16.70	
24	Locked rotor Power w			3768	
25	Locked rotor current A (60V)			3.770	
26	Locked rotor Power W (60V)			212.4	
27	Locked rotor torque N.m(60V)			0.2929	
28	No load voltage of run capacitor end V			394	
29	Full load voltage of run capacitor end V			350	
30	Open speed of centrifugal switch r/min			1942	
Remark:					