



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 $^{\circ}$ C	4.6130	
12	Stator assist winding resistance Ω 13.0 $^{\circ}$ C	9.5620	
13	Temperature of bearing $^{\circ}$ C	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:			