



Type Test Report (single phase motor)

Type: T2L711-4 Voltage: 230 V Design list No: 上海特波电机有限公司
 Power: 250 W Rated current: A Product No: 实验机
 Frequency: 50Hz Rated speed: r/min Report No: 20221201001
 Start C: uf Run C: 12uf/450v

Test Item				Value	Result
1	Efficiency %			68.7	
2	Power factor			0.983	
3	Temp.rise of stator main winding K			38.5	
4	Temp.rise of stator assist winding K			35.8	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.81	
8	Pullup torque/rated torque			1.49	
9	Locked rotor tor./rated tor.			2.55	
10	Locked rotor cur./rated cur.			5.61	
11	Stator main winding resistance Ω 12.0 $^{\circ}$ C			16.500	
12	Stator assist winding resistance Ω 12.0 $^{\circ}$ C			19.443	
13	Temperature of bearing $^{\circ}$ C			27.0	
14	Full load line current A			1.608	
15	Full load torque N.m			1.655	
16	Slip %			3.855	
17	Full load speed r/min			1442.2	
18	Full load input w			363.6	
19	No load current A			1.079	
20	No load input w			164.0	
21	Friction & Windage Loss w			4.655	
22	Locked rotor torque N.m			4.221	
23	Locked rotor current A			9.015	
24	Locked rotor Power w			2064	
25	Locked rotor current A (60 V)			2.254	
26	Locked rotor Power W (60 V)			132.8	
27	Locked rotor torque N.m(60 V)			0.2410	
28	No load voltage of run capacitor end V			394	
29	Full load voltage of run capacitor end V			354	
30	Open speed of centrifugal switch r/min			1080	
Remark:					