



Type Test Report (single phase motor)

Type: T2L711-2 Voltage: 230 V Design list No: 上海特波电机有限公司
Power: 370 W Rated current: A Product No: 试验机
Frequency: 50Hz Rated speed: r/min Report No: 20221130002
Start C: uf Run C: 12uf/450v

Test Item		Value	Result
1	Efficiency %	72.9	
2	Power factor	0.963	
3	Temp.rise of stator main winding K	35.0	
4	Temp.rise of stator assist winding K	38.5	
5	Vibration mm/s		
6	Noise dB (A)(L w)		
7	Max torque/rated torque	1.91	
8	Pullup torque/rated torque	1.73	
9	Locked rotor tor./rated tor.	1.99	
10	Locked rotor cur./rated cur.	4.90	
11	Stator main winding resistance Ω 13.5 $^{\circ}$ C	7.1657	
12	Stator assist winding resistance Ω 13.5 $^{\circ}$ C	15.299	
13	Temperature of bearing $^{\circ}$ C	24.0	
14	Full load line current A	2.292	
15	Full load torque N.m	1.257	
16	Slip %	6.292	
17	Full load speed r/min	2811.2	
18	Full load input w	507.6	
19	No load current A	1.094	
20	No load input w	143.1	
21	Friction & Windage Loss w	22.60	
22	Locked rotor torque N.m	2.496	
23	Locked rotor current A	11.23	
24	Locked rotor Power w	2550	
25	Locked rotor current A (60V)	2.618	
26	Locked rotor Power W (60V)	149.3	
27	Locked rotor torque N.m(60V)	0.1614	
28	No load voltage of run capacitor end V	389	
29	Full load voltage of run capacitor end V	346	
30	Open speed of centrifugal switch r/min	1875	
Remark:			