



Type Test Report (single phase motor)

Type: T2Y711-4 Voltage: 230 V Design list No: 上海特波电机有限公司
Power: 250 W Rated current: A Product No: 试验机
Frequency: 50Hz Rated speed: r/min Report No: 20221129002
Start C: uf Run C: 14uf/450v

Test Item				Value	Result
1	Efficiency %			69.1	
2	Power factor			0.996	
3	Temp.rise of stator main winding K			47.7	
4	Temp.rise of stator assist winding K			49.4	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.71	
8	Pullup torque/rated torque			0.48	
9	Locked rotor tor./rated tor.			0.51	
10	Locked rotor cur./rated cur.			2.96	
11	Stator main winding resistance Ω 19.2℃			17.680	
12	Stator assist winding resistance Ω 19.2℃			17.110	
13	Temperature of bearing ℃			36.0	
14	Full load line current A			1.579	
15	Full load torque N.m			1.663	
16	Slip %			4.263	
17	Full load speed r/min			1436.1	
18	Full load input w			361.7	
19	No load current A			0.8606	
20	No load input w			167.7	
21	Friction & Windage Loss w				
22	Locked rotor torque N.m			0.8438	
23	Locked rotor current A			4.681	
24	Locked rotor Power w			929.0	
25	Locked rotor current A (60 V)			0.9402	
26	Locked rotor Power W (60 V)			46.09	
27	Locked rotor torque N.m(60 V)			0.0943	
28	No load voltage of run capacitor end V			385	
29	Full load voltage of run capacitor end V			343	
30	Open speed of centrifugal switch r/min				
Remark:					