



Type Test Report (single phase motor)

Type: T2Y801-4 Voltage: 230 V Design list No: 上海特波电机有限公司
Power: 550 W Rated current: A Product No: 试验机
Frequency: 50Hz Rated speed: r/min Report No: 20230104001
Start C: uf Run C: 25 uf/450v

Test Item				Value	Result
1	Efficiency %			77.1	
2	Power factor			0.994	
3	Temp.rise of stator main winding K			42.8	
4	Temp.rise of stator assist winding K			43.6	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.71	
8	Pullup torque/rated torque			0.39	
9	Locked rotor tor./rated tor.			0.39	
10	Locked rotor cur./rated cur.			3.64	
11	Stator main winding resistance Ω 10.3℃			5.7143	
12	Stator assist winding resistance Ω 10.3℃			6.2003	
13	Temperature of bearing ℃			34.0	
14	Full load line current A			3.128	
15	Full load torque N .m			3.691	
16	Slip %			5.134	
17	Full load speed r /min			1423.0	
18	Full load input w			715.2	
19	No load current A			1.034	
20	No load input w			190.4	
21	Friction & Windage Loss w			8.679	
22	Locked rotor torque N.m			1.423	
23	Locked rotor current A			11.39	
24	Locked rotor Power w			2066	
25	Locked rotor current A (60V)			2.510	
26	Locked rotor Power W (60 V)			112.3	
27	Locked rotor torque N.m(60V)			0.0665	
28	No load voltage of run capacitor end V			344	
29	Full load voltage of run capacitor end V			308	
30	Open speed of centrifugal switch r/min				
Remark:					