



Type Test Report (single phase motor)

Type: T2Y801-2 Voltage: 230 V Design list No: 上海特波电机有限公司
 Power: 750 W Rated current: A Product No: 试验机
 Frequency: 50Hz Rated speed: r/min Report No: 20230217001
 Start C: uf Run C: 25uf/450v

Test Item				Value	Result
1	Efficiency %			79.0	
2	Power factor			0.992	
3	Temp.rise of stator main winding K			44.9	
4	Temp.rise of stator assist winding K			48.7	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.88	
8	Pullup torque/rated torque			0.38	
9	Locked rotor tor./rated tor.			0.56	
10	Locked rotor cur./rated cur.			4.85	
11	Stator main winding resistance Ω 12.0 $^{\circ}$ C			3.1280	
12	Stator assist winding resistance Ω 12.0 $^{\circ}$ C			5.0013	
13	Temperature of bearing $^{\circ}$ C			31.0	
14	Full load line current A			4.161	
15	Full load torque N.m			2.513	
16	Slip %			4.977	
17	Full load speed r/min			2850.7	
18	Full load input w			949.1	
19	No load current A			1.137	
20	No load input w			191.6	
21	Friction & Windage Loss w			20.03	
22	Locked rotor torque N.m			1.400	
23	Locked rotor current A			20.17	
24	Locked rotor Power w			3664	
25	Locked rotor current A (60 V)			3.418	
26	Locked rotor Power W (60 V)			138.4	
27	Locked rotor torque N.m(60 V)			0.0576	
28	No load voltage of run capacitor end V			370	
29	Full load voltage of run capacitor end V			330	
30	Open speed of centrifugal switch r/min				
Remark:					