



Type Test Report (single phase motor)

Type: T2Y90L-2 Voltage: 230 V Design list No: 上海特波电机有限公司
 Power: 2200 W Rated current: A Product No: 试验机
 Frequency: 50Hz Rated speed: r/min Report No: 20230211004
 Start C: uf Run C: 60uf/450v

Test Item				Value	Result
1	Efficiency %			83.6	
2	Power factor			0.994	
3	Temp.rise of stator main winding K			47.2	
4	Temp.rise of stator assist winding K			54.2	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			2.02	
8	Pullup torque/rated torque			0.35	
9	Locked rotor tor./rated tor.			0.35	
10	Locked rotor cur./rated cur.			6.05	
11	Stator main winding resistance Ω 13.1 $^{\circ}$ C			0.83660	
12	Stator assist winding resistance Ω 13.1 $^{\circ}$ C			1.5473	
13	Temperature of bearing $^{\circ}$ C			37.0	
14	Full load line current A			11.52	
15	Full load torque N.m			7.285	
16	Slip %			3.862	
17	Full load speed r/min			2884.1	
18	Full load input w			2633	
19	No load current A			2.253	
20	No load input w			390.3	
21	Friction & Windage Loss w			45.08	
22	Locked rotor torque N.m			2.537	
23	Locked rotor current A			69.68	
24	Locked rotor Power w			12391	
25	Locked rotor current A (60V)			12.28	
26	Locked rotor Power W (60V)			470.3	
27	Locked rotor torque N.m(60V)			0.0828	
28	No load voltage of run capacitor end V			379	
29	Full load voltage of run capacitor end V			339	
30	Open speed of centrifugal switch r/min				
Remark:					