



Type Test Report (single phase motor)

Type: T2Y631-2 Voltage: 230 V Design list No: 上海特波电机有限公司
 Power: 180 W Rated current: A Product No: 试验机
 Frequency: 50Hz Rated speed: r/min Report No: 20230105002
 Start C: uf Run C: 8 uf/450v

Test Item				Value	Result
1	Efficiency %			63.1	
2	Power factor			0.961	
3	Temp.rise of stator main winding K			44.2	
4	Temp.rise of stator assist winding K			48.6	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.74	
8	Pullup torque/rated torque			0.54	
9	Locked rotor tor./rated tor.			0.49	
10	Locked rotor cur./rated cur.			2.85	
11	Stator main winding resistance Ω 12.3 $^{\circ}$ C			20.317	
12	Stator assist winding resistance Ω 12.3 $^{\circ}$ C			34.587	
13	Temperature of bearing $^{\circ}$ C			29.0	
14	Full load line current A			1.316	
15	Full load torque N.m			0.6178	
16	Slip %			7.257	
17	Full load speed r/min			2782.3	
18	Full load input w			290.7	
19	No load current A			0.9395	
20	No load input w			135.0	
21	Friction & Windage Loss w			7.004	
22	Locked rotor torque N.m			0.3028	
23	Locked rotor current A			3.756	
24	Locked rotor Power w			786.8	
25	Locked rotor current A (60 V)			0.8101	
26	Locked rotor Power W (60 V)			32.66	
27	Locked rotor torque N.m(60 V)			0.0628	
28	No load voltage of run capacitor end V			380	
29	Full load voltage of run capacitor end V			338	
30	Open speed of centrifugal switch r/min				
Remark:					