



Type Test Report (single phase motor)

Type: T2Y 712-4 Voltage: 230 V Design list No: 上海特波电机有限公司
 Power: 370 W Rated current: A Product No: 试验机第四次
 Frequency: 50Hz Rated speed: r/min Report No: 20221026001
 Start C: uf Run C: 20uf/450v

Test Item				Value	Result
1	Efficiency %			72.7	
2	Power factor			0.999	
3	Temp.rise of stator main winding K			41.0	
4	Temp.rise of stator assist winding K			41.0	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.68	
8	Pullup torque/rated torque			0.44	
9	Locked rotor tor./rated tor.			0.56	
10	Locked rotor cur./rated cur.			3.29	
11	Stator main winding resistance Ω 20.6 $^{\circ}$ C			10.951	
12	Stator assist winding resistance Ω 20.6 $^{\circ}$ C			9.7820	
13	Temperature of bearing $^{\circ}$ C			42.0	
14	Full load line current A			2.216	
15	Full load torque N.m			2.469	
16	Slip %			4.589	
17	Full load speed r/min			1431.2	
18	Full load input w			509.3	
19	No load current A			1.006	
20	No load input w			202.8	
21	Friction & Windage Loss w				
22	Locked rotor torque N.m			1.372	
23	Locked rotor current A			7.279	
24	Locked rotor Power w			1405	
25	Locked rotor current A (60 V)			1.421	
26	Locked rotor Power W (60 V)			67.33	
27	Locked rotor torque N.m(60 V)			0.0259	
28	No load voltage of run capacitor end V			373	
29	Full load voltage of run capacitor end V			334	
30	Open speed of centrifugal switch r/min				
Remark:					