



Type Test Report (single phase motor)

Type: T2Y712-2 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: 20221125002
Start C: uf Run C: 20uf/450v

Test Item		Value	Result
1	Efficiency %	75.8	
2	Power factor	0.969	
3	Temp.rise of stator main winding K	36.3	
4	Temp.rise of stator assist winding K	41.7	
5	Vibration mm/s		
6	Noise dB (A)(L w)		
7	Max torque/rated torque	2.04	
8	Pullup torque/rated torque	0.56	
9	Locked rotor tor./rated tor.	0.64	
10	Locked rotor cur./rated cur.	4.49	
11	Stator main winding resistance Ω 19.6 $^{\circ}$ C	4.2640	
12	Stator assist winding resistance Ω 19.6 $^{\circ}$ C	7.6243	
13	Temperature of bearing $^{\circ}$ C	36.0	
14	Full load line current A	3.256	
15	Full load torque N.m	1.865	
16	Slip %	6.118	
17	Full load speed r/min	2816.5	
18	Full load input w	725.7	
19	No load current A	1.481	
20	No load input w	187.3	
21	Friction & Windage Loss w	20.53	
22	Locked rotor torque N.m	1.186	
23	Locked rotor current A	14.61	
24	Locked rotor Power w	2855	
25	Locked rotor current A (60 V)	2.427	
26	Locked rotor Power W (60 V)	99.13	
27	Locked rotor torque N.m(60 V)	0.0376	
28	No load voltage of run capacitor end V	383	
29	Full load voltage of run capacitor end V	343	
30	Open speed of centrifugal switch r/min		
Remark:			