



## Type Test Report (single phase motor)

Type: MY2 802-6      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: 20230403002  
 Start C: uf      Run C: 25uf/450v

Test Item		Value	Result
1	Efficiency %	74.0	
2	Power factor	0.987	
3	Temp.rise of stator main winding K	49.6	
4	Temp.rise of stator assist winding K	53.0	
5	Vibration mm/s		
6	Noise dB (A)(L w)		
7	Max torque/rated torque	1.72	
8	Pullup torque/rated torque	0.29	
9	Locked rotor tor./rated tor.	0.27	
10	Locked rotor cur./rated cur.	3.31	
11	Stator main winding resistance $\Omega$ 17.8 $^{\circ}$ C	6.1473	
12	Stator assist winding resistance $\Omega$ 17.8 $^{\circ}$ C	7.8787	
13	Temperature of bearing $^{\circ}$ C	50.0	
14	Full load line current A	3.276	
15	Full load torque N.m	5.493	
16	Slip %	4.374	
17	Full load speed r/min	956.26	
18	Full load input w	743.6	
19	No load current A	1.508	
20	No load input w	264.5	
21	Friction & Windage Loss w	6.556	
22	Locked rotor torque N.m	1.491	
23	Locked rotor current A	10.83	
24	Locked rotor Power w	1810	
25	Locked rotor current A (60V)	2.238	
26	Locked rotor Power W (60V)	91.05	
27	Locked rotor torque N.m(60V)	0.1296	
28	No load voltage of run capacitor end V	416	
29	Full load voltage of run capacitor end V	371	
30	Open speed of centrifugal switch r/min		
Remark:			