



## Type Test Report (single phase motor)

Type: T2Y 90L-4      Voltage: 230 V      Design list No: 上海特波电机有限公司  
 Power: 1500 W      Rated current: A      Product No: 试验机  
 Frequency: 50Hz      Rated speed: r/min      Report No: 20230306002  
 Start C: uf      Run C: 40uf/450V

Test Item		Value	Result
1	Efficiency %	82.8	
2	Power factor	0.995	
3	Temp.rise of stator main winding K	42.3	
4	Temp.rise of stator assist winding K	45.6	
5	Vibration mm/s		
6	Noise dB (A)(L w)		
7	Max torque/rated torque	1.87	
8	Pullup torque/rated torque	0.27	
9	Locked rotor tor./rated tor.	0.29	
10	Locked rotor cur./rated cur.	4.56	
11	Stator main winding resistance $\Omega$ 14.3 $^{\circ}$ C	1.5608	
12	Stator assist winding resistance $\Omega$ 14.3 $^{\circ}$ C	3.2940	
13	Temperature of bearing $^{\circ}$ C	47.0	
14	Full load line current A	7.913	
15	Full load torque N.m	9.994	
16	Slip %	4.442	
17	Full load speed r/min	1433.4	
18	Full load input w	1811	
19	No load current A	1.822	
20	No load input w	328.8	
21	Friction & Windage Loss w	22.95	
22	Locked rotor torque N.m	2.888	
23	Locked rotor current A	36.08	
24	Locked rotor Power w	5817	
25	Locked rotor current A (60 V)	7.453	
26	Locked rotor Power W (60 V)	287.7	
27	Locked rotor torque N.m(60 V)	0.0926	
28	No load voltage of run capacitor end V	407	
29	Full load voltage of run capacitor end V	357	
30	Open speed of centrifugal switch r/min		
Remark:			