



## Type Test Report (single phase motor)

Type: T2Y 632-4      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: 20221125001  
 Start C: uf      Run C: 10 uf/450v

Test Item		Value		Result
1	Efficiency %		65.4	
2	Power factor		0.986	
3	Temp.rise of stator main winding K		37.2	
4	Temp.rise of stator assist winding K		38.8	
5	Vibration mm/s			
6	Noise dB (A)(L w)			
7	Max torque/rated torque		1.68	
8	Pullup torque/rated torque		0.57	
9	Locked rotor tor./rated tor.		0.51	
10	Locked rotor cur./rated cur.		2.84	
11	Stator main winding resistance $\Omega$ 19.7 $^{\circ}$ C		24.060	
12	Stator assist winding resistance $\Omega$ 19.7 $^{\circ}$ C		23.630	
13	Temperature of bearing $^{\circ}$ C		37.0	
14	Full load line current A		1.222	
15	Full load torque N.m		1.209	
16	Slip %		5.238	
17	Full load speed r/min		1421.4	
18	Full load input w		277.0	
19	No load current A		0.8257	
20	No load input w		141.7	
21	Friction & Windage Loss w		1.948	
22	Locked rotor torque N.m		0.6157	
23	Locked rotor current A		3.467	
24	Locked rotor Power w		687.0	
25	Locked rotor current A (60 V)		0.7480	
26	Locked rotor Power W (60 V)		36.98	
27	Locked rotor torque N.m(60 V)		0.0541	
28	No load voltage of run capacitor end V		394	
29	Full load voltage of run capacitor end V		353	
30	Open speed of centrifugal switch r/min			
Remark:				