



Type Test Report (single phase motor)

Type: T2L 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 2#
 Frequency: 50Hz Rated speed: r/min Report No: 20221129001
 Start C: 30uf/250v Run C: 10uf/450v

Test Item				Value	Result
1	Efficiency %			65.0	
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			1.69	
8	Pullup torque/rated torque			1.31	
9	Locked rotor tor./rated tor.			2.75	
10	Locked rotor cur./rated cur.			5.13	
11	Stator main winding resistance Ω 19.7 $^{\circ}$ C			24.060	
12	Stator assist winding resistance Ω 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			3.320	
23	Locked rotor current A			6.267	
24	Locked rotor Power w			1443	
25	Locked rotor current A (60 V)			1.592	
26	Locked rotor Power W (60 V)			93.07	
27	Locked rotor torque N.m(60 V)			0.2155	
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			917	
Remark:					