



Type Test Report (single phase motor)

Type: T2L802-4 Voltage: 230 V Design list No: 上海特波电机有限公司
Power: 750 W Rated current: A Product No: 试验机
Frequency: 50Hz Rated speed: r/min Report No: 20230217002
Start C: uf Run C: 25 uf/450v

Test Item		Value	Result
1	Efficiency %	80.3	
2	Power factor	0.988	
3	Temp.rise of stator main winding K	39.5	
4	Temp.rise of stator assist winding K	40.3	
5	Vibration mm/s		
6	Noise dB (A)(L w)		
7	Max torque/rated torque	1.78	
8	Pullup torque/rated torque	1.66	
9	Locked rotor tor./rated tor.	2.66	
10	Locked rotor cur./rated cur.	5.66	
11	Stator main winding resistance Ω 12.5 $^{\circ}$ C	3.7520	
12	Stator assist winding resistance Ω 12.5 $^{\circ}$ C	5.1627	
13	Temperature of bearing $^{\circ}$ C	34.0	
14	Full load line current A	4.110	
15	Full load torque N.m	5.017	
16	Slip %	4.823	
17	Full load speed r/min	1427.7	
18	Full load input w	933.5	
19	No load current A	1.332	
20	No load input w	183.2	
21	Friction & Windage Loss w	6.638	
22	Locked rotor torque N.m	13.33	
23	Locked rotor current A	23.25	
24	Locked rotor Power w	5270	
25	Locked rotor current A (60V)	5.723	
26	Locked rotor Power W (60V)	342.2	
27	Locked rotor torque N.m(60V)	0.8324	
28	No load voltage of run capacitor end V	352	
29	Full load voltage of run capacitor end V	315	
30	Open speed of centrifugal switch r/min	1072	
Remark:			