



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℃			3.7520	
12	Stator assist winding resistance Ω 12.5℃			5.1627	
13	Temperature of bearing ℃			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:					