



Type Test Report (single phase motor)

Type: T2L90L-2 Voltage: 230 V Design list No: 上海特波电机有限公司
 Power: 2200 W Rated current: A Product No: 试验机
 Frequency: 50Hz Rated speed: r/min Report No: 20230103001
 Start C: uf Run C: 50uf/450v

Test Item				Value	Result
1	Efficiency %			83.5	
2	Power factor			0.990	
3	Temp.rise of stator main winding K			52.3	
4	Temp.rise of stator assist winding K			55.5	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			2.00	
8	Pullup torque/rated torque			1.57	
9	Locked rotor tor./rated tor.			2.97	
10	Locked rotor cur./rated cur.			6.68	
11	Stator main winding resistance Ω 11.5 $^{\circ}$ C			0.92633	
12	Stator assist winding resistance Ω 11.5 $^{\circ}$ C			1.8340	
13	Temperature of bearing $^{\circ}$ C			35.0	
14	Full load line current A			11.56	
15	Full load torque N.m			7.301	
16	Slip %			4.080	
17	Full load speed r/min			2877.6	
18	Full load input w			2634	
19	No load current A			2.120	
20	No load input w			344.9	
21	Friction & Windage Loss w			47.90	
22	Locked rotor torque N.m			21.66	
23	Locked rotor current A			77.26	
24	Locked rotor Power w			16960	
25	Locked rotor current A (60V)			16.55	
26	Locked rotor Power W (60V)			954.7	
27	Locked rotor torque N.m(60V)			0.8556	
28	No load voltage of run capacitor end V			381	
29	Full load voltage of run capacitor end V			337	
30	Open speed of centrifugal switch r/min			1997	
Remark:					