



Type Test Report (single phase motor)

Type: T2L90S-4 Voltage: 230 V Design list No: 上海特波电机有限公司
 Power: 1100 W Rated current: A Product No: 试验机
 Frequency: 50Hz Rated speed: r/min Report No: 20230228001
 Start C: uf Run C: 35uf/450v

Test Item		Value		Result
1	Efficiency %		81.7	
2	Power factor		0.989	
3	Temp.rise of stator main winding K		36.9	
4	Temp.rise of stator assist winding K		37.6	
5	Vibration mm/s			
6	Noise dB (A)(L w)			
7	Max torque/rated torque		1.80	
8	Pullup torque/rated torque		1.71	
9	Locked rotor tor./rated tor.		2.62	
10	Locked rotor cur./rated cur.		5.73	
11	Stator main winding resistance Ω 12.3 $^{\circ}$ C		2.6830	
12	Stator assist winding resistance Ω 12.3 $^{\circ}$ C		3.7450	
13	Temperature of bearing $^{\circ}$ C		35.0	
14	Full load line current A		5.922	
15	Full load torque N.m		7.325	
16	Slip %		4.389	
17	Full load speed r/min		1434.2	
18	Full load input w		1347	
19	No load current A		1.964	
20	No load input w		263.2	
21	Friction & Windage Loss w		9.281	
22	Locked rotor torque N.m		19.21	
23	Locked rotor current A		33.94	
24	Locked rotor Power w		7623	
25	Locked rotor current A (60V)		8.487	
26	Locked rotor Power W (60V)		499.6	
27	Locked rotor torque N.m(60V)		1.264	
28	No load voltage of run capacitor end V		366	
29	Full load voltage of run capacitor end V		327	
30	Open speed of centrifugal switch r/min		1228	
Remark:				