



Type Test Report (single phase motor)

Type: MY2 100M1-4 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: 20230828001
 Start C: uf Run C: 70uf/450v

Test Item		Value		Result
1	Efficiency %		85.2	
2	Power factor		0.995	
3	Temp.rise of stator main winding K		42.5	
4	Temp.rise of stator assist winding K		46.7	
5	Vibration mm/s			
6	Noise dB (A)(L w)			
7	Max torque/rated torque		1.84	
8	Pullup torque/rated torque		0.30	
9	Locked rotor tor./rated tor.		0.53	
10	Locked rotor cur./rated cur.		4.18	
11	Stator main winding resistance Ω 27.9°C		0.99915	
12	Stator assist winding resistance Ω 27.9°C		1.7228	
13	Temperature of bearing °C		56.0	
14	Full load line current A		11.28	
15	Full load torque N.m		14.49	
16	Slip %		3.366	
17	Full load speed r/min		1449.5	
18	Full load input w		2582	
19	No load current A		2.416	
20	No load input w		442.4	
21	Friction & Windage Loss w		30.58	
22	Locked rotor torque N.m		7.736	
23	Locked rotor current A		47.10	
24	Locked rotor Power w		8206	
25	Locked rotor current A (60V)		8.901	
26	Locked rotor Power W (60V)		342.2	
27	Locked rotor torque N.m(60V)		0.8623	
28	No load voltage of run capacitor end V		385	
29	Full load voltage of run capacitor end V		343	
30	Open speed of centrifugal switch r/min			
Remark:				