



Type Test Report (single phase motor)

Type: MY2 100L-2 Voltage: 230 V Design list No: 上海特波电机有限公司
 Power: 3000 W Rated current: A Product No: 试验机 2#宁德
 Frequency: 50Hz Rated speed: r/min Report No: 20230905001
 Start C: uf Run C: 80uf/450v

Test Item				Value	Result
1	Efficiency %			86.0	
2	Power factor			0.995	
3	Temp.rise of stator main winding K			42.5	
4	Temp.rise of stator assist winding K			46.6	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			2.42	
8	Pullup torque/rated torque			0.41	
9	Locked rotor tor./rated tor.			0.43	
10	Locked rotor cur./rated cur.			6.73	
11	Stator main winding resistance Ω 26.0 $^{\circ}$ C			0.56002	
12	Stator assist winding resistance Ω 26.0 $^{\circ}$ C			0.95470	
13	Temperature of bearing $^{\circ}$ C			52.0	
14	Full load line current A			15.24	
15	Full load torque N.m			9.851	
16	Slip %			3.057	
17	Full load speed r/min			2908.3	
18	Full load input w			3487	
19	No load current A			2.506	
20	No load input w			457.2	
21	Friction & Windage Loss w			58.59	
22	Locked rotor torque N.m			4.228	
23	Locked rotor current A			102.6	
24	Locked rotor Power w			19022	
25	Locked rotor current A (60V)			20.05	
26	Locked rotor Power W (60V)			775.8	
27	Locked rotor torque N.m(60V)			0.0377	
28	No load voltage of run capacitor end V			383	
29	Full load voltage of run capacitor end V			341	
30	Open speed of centrifugal switch r/min				
Remark:					