



Type Test Report (single phase motor)

Type: MY2 100L-6 Voltage: 230 V Design list No: 上海特波电机有限公司
Power: 1500 W Rated current: A Product No: 试验机
Frequency: 50Hz Rated speed: r/min Report No: 20230828002
Start C: uf Run C: 60uf/450v

Test Item				Value	Result
1	Efficiency %			82.2	
2	Power factor			0.996	
3	Temp.rise of stator main winding K			42.4	
4	Temp.rise of stator assist winding K			44.6	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.52	
8	Pullup torque/rated torque			0.28	
9	Locked rotor tor./rated tor.			0.35	
10	Locked rotor cur./rated cur.			3.08	
11	Stator main winding resistance Ω 27.6℃			2.2471	
12	Stator assist winding resistance Ω 27.6℃			2.5440	
13	Temperature of bearing ℃			56.0	
14	Full load line current A			7.966	
15	Full load torque N.m			14.83	
16	Slip %			3.427	
17	Full load speed r/min			965.73	
18	Full load input w			1824	
19	No load current A			2.204	
20	No load input w			475.6	
21	Friction & Windage Loss w			9.838	
22	Locked rotor torque N.m			5.185	
23	Locked rotor current A			24.51	
24	Locked rotor Power w			4054	
25	Locked rotor current A (60V)			4.768	
26	Locked rotor Power W (60V)			190.9	
27	Locked rotor torque N.m(60V)			0.4258	
28	No load voltage of run capacitor end V			406	
29	Full load voltage of run capacitor end V			352	
30	Open speed of centrifugal switch r/min				
Remark:					