



Type Test Report (single phase motor)

Type: MY2 802-4 Voltage: 230 V Design list No: 上海特波电机有限公司
 Power: 750 W Rated current: A Product No: 试验机
 Frequency: 50Hz Rated speed: r/min Report No: 20230108003
 Start C: uf Run C: 30 uf/450v

Test Item				Value	Result
1	Efficiency %			79.9	
2	Power factor			0.996	
3	Temp.rise of stator main winding K			40.0	
4	Temp.rise of stator assist winding K			42.3	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.80	
8	Pullup torque/rated torque			0.35	
9	Locked rotor tor./rated tor.			0.40	
10	Locked rotor cur./rated cur.			4.09	
11	Stator main winding resistance Ω 13.5 $^{\circ}$ C			3.6440	
12	Stator assist winding resistance Ω 13.5 $^{\circ}$ C			4.6503	
13	Temperature of bearing $^{\circ}$ C			39.0	
14	Full load line current A			4.099	
15	Full load torque N.m			5.029	
16	Slip %			5.055	
17	Full load speed r/min			1424.2	
18	Full load input w			939.0	
19	No load current A			1.128	
20	No load input w			215.3	
21	Friction & Windage Loss w			4.869	
22	Locked rotor torque N.m			2.010	
23	Locked rotor current A			16.76	
24	Locked rotor Power w			2989	
25	Locked rotor current A (60 V)			3.656	
26	Locked rotor Power W (60 V)			160.8	
27	Locked rotor torque N.m(60 V)			0.1017	
28	No load voltage of run capacitor end V			356	
29	Full load voltage of run capacitor end V			318	
30	Open speed of centrifugal switch r/min				
Remark:					