



## Type Test Report (single phase motor)

Type: MY2 90L-6      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: 20230420002  
 Start C: uf      Run C: 45uf/450v

Test Item				Value	Result
1	Efficiency %			79.0	
2	Power factor			0.996	
3	Temp.rise of stator main winding K			44.4	
4	Temp.rise of stator assist winding K			46.3	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.57	
8	Pullup torque/rated torque			0.31	
9	Locked rotor tor./rated tor.			0.28	
10	Locked rotor cur./rated cur.			3.35	
11	Stator main winding resistance $\Omega$ 21.2 $^{\circ}$ C			2.9910	
12	Stator assist winding resistance $\Omega$ 21.2 $^{\circ}$ C			3.4167	
13	Temperature of bearing $^{\circ}$ C			54.0	
14	Full load line current A			6.076	
15	Full load torque N.m			11.00	
16	Slip %			4.491	
17	Full load speed r/min			955.09	
18	Full load input w			1392	
19	No load current A			2.115	
20	No load input w			389.7	
21	Friction & Windage Loss w			6.173	
22	Locked rotor torque N.m			3.116	
23	Locked rotor current A			20.34	
24	Locked rotor Power w			3300	
25	Locked rotor current A (60V)			4.059	
26	Locked rotor Power W (60V)			159.5	
27	Locked rotor torque N.m(60V)			0.1361	
28	No load voltage of run capacitor end V			391	
29	Full load voltage of run capacitor end V			344	
30	Open speed of centrifugal switch r/min				
Remark:					