



Type Test Report (single phase motor)

Type: T2Y90S-2 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: 20230404003
Start C: uf Run C: 40uf/450v

Test Item				Value	Result
1	Efficiency %			81.0	
2	Power factor			0.987	
3	Temp.rise of stator main winding K			47.8	
4	Temp.rise of stator assist winding K			56.8	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			2.01	
8	Pullup torque/rated torque			0.27	
9	Locked rotor tor./rated tor.			0.53	
10	Locked rotor cur./rated cur.			5.29	
11	Stator main winding resistance Ω 18.5℃			1.4163	
12	Stator assist winding resistance Ω 18.5℃			3.1800	
13	Temperature of bearing ℃			40.0	
14	Full load line current A			8.153	
15	Full load torque N .m			4.986	
16	Slip %			4.231	
17	Full load speed r /min			2873.1	
18	Full load input w			1852	
19	No load current A			2.420	
20	No load input w			345.8	
21	Friction & Windage Loss w			49.59	
22	Locked rotor torque N.m			2.666	
23	Locked rotor current A			43.12	
24	Locked rotor Power w			7363	
25	Locked rotor current A (60V)			6.803	
26	Locked rotor Power W (60V)			278.8	
27	Locked rotor torque N.m(60V)			0.1039	
28	No load voltage of run capacitor end V			397	
29	Full load voltage of run capacitor end V			356	
30	Open speed of centrifugal switch r/min				
Remark:					