

Type Test Report (single phase motor)

Type: T2Y711-2 Voltage: 230 V Design list No: 上海特波电机有限公司
 Power: 370 W Rated current: A Product No: 试验机
 Frequency: 50Hz Rated speed: r/min Report No: 20221129003
 Start C: uf Run C: 14uf450v

Test Item				Value	Result
1	Efficiency %			71.6	
2	Power factor			0.969	
3	Temp.rise of stator main winding K			33.9	
4	Temp.rise of stator assist winding K			40.2	
5	Vibration mm/s				
6	Noise dB (A)(L w)				
7	Max torque/rated torque			1.86	
8	Pullup torque/rated torque			0.54	
9	Locked rotor tor./rated tor.			0.53	
10	Locked rotor cur./rated cur.			3.88	
11	Stator main winding resistance Ω 18.6℃			7.3093	
12	Stator assist winding resistance Ω 18.6℃			13.209	
13	Temperature of bearing ℃			31.0	
14	Full load line current A			2.337	
15	Full load torque N .m			1.268	
16	Slip %			7.128	
17	Full load speed r /min			2786.2	
18	Full load input w			520.8	
19	No load current A			1.102	
20	No load input w			154.1	
21	Friction & Windage Loss w			21.63	
22	Locked rotor torque N.m			0.6682	
23	Locked rotor current A			9.058	
24	Locked rotor Power w			1785	
25	Locked rotor current A (60 V)			1.574	
26	Locked rotor Power W (60 V)			71.21	
27	Locked rotor torque N.m(60 V)			0.0736	
28	No load voltage of run capacitor end V			378	
29	Full load voltage of run capacitor end V			336	
30	Open speed of centrifugal switch r/min				
Remark:					