



Type Test Report (single phase motor)

Type: MY2 712-6 Voltage: 230 V Design list No: 上海特波电机有限公司
 Power: 250 W Rated current: A Product No: 试验机
 Frequency: 50Hz Rated speed: r/min Report No: 20230426001
 Start C: uf Run C: 16uf/450v

| Test Item | | Value | Result |
|-----------|---|--------|--------|
| 1 | Efficiency % | 61.8 | |
| 2 | Power factor | 0.984 | |
| 3 | Temp.rise of stator main winding K | 52.4 | |
| 4 | Temp.rise of stator assist winding K | 52.1 | |
| 5 | Vibration mm/s | | |
| 6 | Noise dB (A)(L w) | | |
| 7 | Max torque/rated torque | 1.65 | |
| 8 | Pullup torque/rated torque | 0.49 | |
| 9 | Locked rotor tor./rated tor. | 0.48 | |
| 10 | Locked rotor cur./rated cur. | 2.63 | |
| 11 | Stator main winding resistance Ω 18.1 $^{\circ}$ C | 17.680 | |
| 12 | Stator assist winding resistance Ω 18.1 $^{\circ}$ C | 15.517 | |
| 13 | Temperature of bearing $^{\circ}$ C | 47.0 | |
| 14 | Full load line current A | 1.787 | |
| 15 | Full load torque N.m | 2.537 | |
| 16 | Slip % | 5.904 | |
| 17 | Full load speed r/min | 940.96 | |
| 18 | Full load input w | 404.5 | |
| 19 | No load current A | 1.219 | |
| 20 | No load input w | 216.6 | |
| 21 | Friction & Windage Loss w | 1.938 | |
| 22 | Locked rotor torque N.m | 1.215 | |
| 23 | Locked rotor current A | 4.709 | |
| 24 | Locked rotor Power w | 946.4 | |
| 25 | Locked rotor current A (60V) | 1.063 | |
| 26 | Locked rotor Power W (60V) | 54.52 | |
| 27 | Locked rotor torque N.m(60V) | 0.0847 | |
| 28 | No load voltage of run capacitor end V | 380 | |
| 29 | Full load voltage of run capacitor end V | 343 | |
| 30 | Open speed of centrifugal switch r/min | | |
| Remark: | | | |