

## Golden Motor电机测试数据报表

|      |              |       |        |        |        |           |            |
|------|--------------|-------|--------|--------|--------|-----------|------------|
| 电机型号 | 3KW          |       |        | 额定电压   |        | 72(V)     |            |
| 单位名称 | GOLDEN MOTOR |       |        | 额定电流   |        | 55(A)     |            |
| 测试人  | 1            |       |        | 额定功率   |        | 3000(W)   |            |
| 测试日期 | 2014-12-31   |       |        | 额定转速   |        | 3800(r/m) |            |
| No.  | U(V)         | I(A)  | Pin(W) | T(N.m) | N(r/m) | Pout(W)   | $\eta$ (%) |
| 001  | 72.0         | 10.12 | 730.1  | 0.5    | 4289   | 236.0     | 32.3       |
| 002  | 72.0         | 10.24 | 738.5  | 0.6    | 4288   | 295.0     | 39.9       |
| 003  | 72.1         | 10.51 | 757.9  | 0.6    | 4287   | 295.0     | 38.9       |
| 004  | 72.0         | 11.15 | 804.1  | 0.7    | 4280   | 354.0     | 44.0       |
| 005  | 72.0         | 11.99 | 864.8  | 0.9    | 4271   | 412.0     | 47.6       |
| 006  | 72.0         | 13.09 | 944.0  | 1.1    | 4258   | 528.0     | 55.9       |
| 007  | 72.0         | 14.60 | 1052   | 1.4    | 4241   | 643.0     | 61.1       |
| 008  | 72.0         | 16.86 | 1215   | 1.7    | 4220   | 757.0     | 62.3       |
| 009  | 72.0         | 19.36 | 1395   | 2.2    | 4191   | 982.0     | 70.4       |
| 010  | 72.0         | 21.99 | 1585   | 2.6    | 4166   | 1148      | 72.4       |
| 011  | 72.0         | 24.33 | 1754   | 3.1    | 4141   | 1370      | 78.1       |
| 012  | 72.0         | 27.33 | 1970   | 3.6    | 4108   | 1588      | 80.6       |
| 013  | 72.0         | 30.53 | 2201   | 4.2    | 4076   | 1800      | 81.8       |
| 014  | 72.0         | 33.70 | 2429   | 4.7    | 4039   | 2004      | 82.5       |
| 015  | 72.0         | 37.19 | 2680   | 5.5    | 3999   | 2315      | 86.4       |
| 016  | 72.0         | 41.06 | 2959   | 6.1    | 3961   | 2566      | 86.7       |
| 017  | 72.0         | 44.80 | 3228   | 6.9    | 3908   | 2862      | 88.7       |
| 018  | 72.0         | 48.79 | 3516   | 7.6    | 3859   | 3093      | 88.0       |
| 019  | 72.0         | 53.65 | 3865   | 8.5    | 3806   | 3420      | 88.5       |
| 020  | 72.0         | 58.28 | 4199   | 9.2    | 3744   | 3613      | 86.0       |
| 021  | 72.0         | 62.52 | 4504   | 10.1   | 3697   | 3924      | 87.1       |
| 022  | 72.0         | 67.25 | 4844   | 11.1   | 3633   | 4266      | 88.1       |
| 023  | 72.0         | 72.74 | 5240   | 12.2   | 3567   | 4591      | 87.6       |
| 024  | 72.0         | 78.81 | 5677   | 13.6   | 3481   | 4991      | 87.9       |
| 025  | 72.0         | 79.52 | 5725   | 15.4   | 3202   | 5163      | 90.2       |
| 026  | 71.9         | 79.81 | 5743   | 17.6   | 2813   | 5185      | 90.2       |
| 027  | 71.9         | 79.25 | 5698   | 21.0   | 2285   | 5025      | 88.2       |
| 028  | 71.9         | 79.20 | 5695   | 25.1   | 1630   | 4750      | 83.4       |