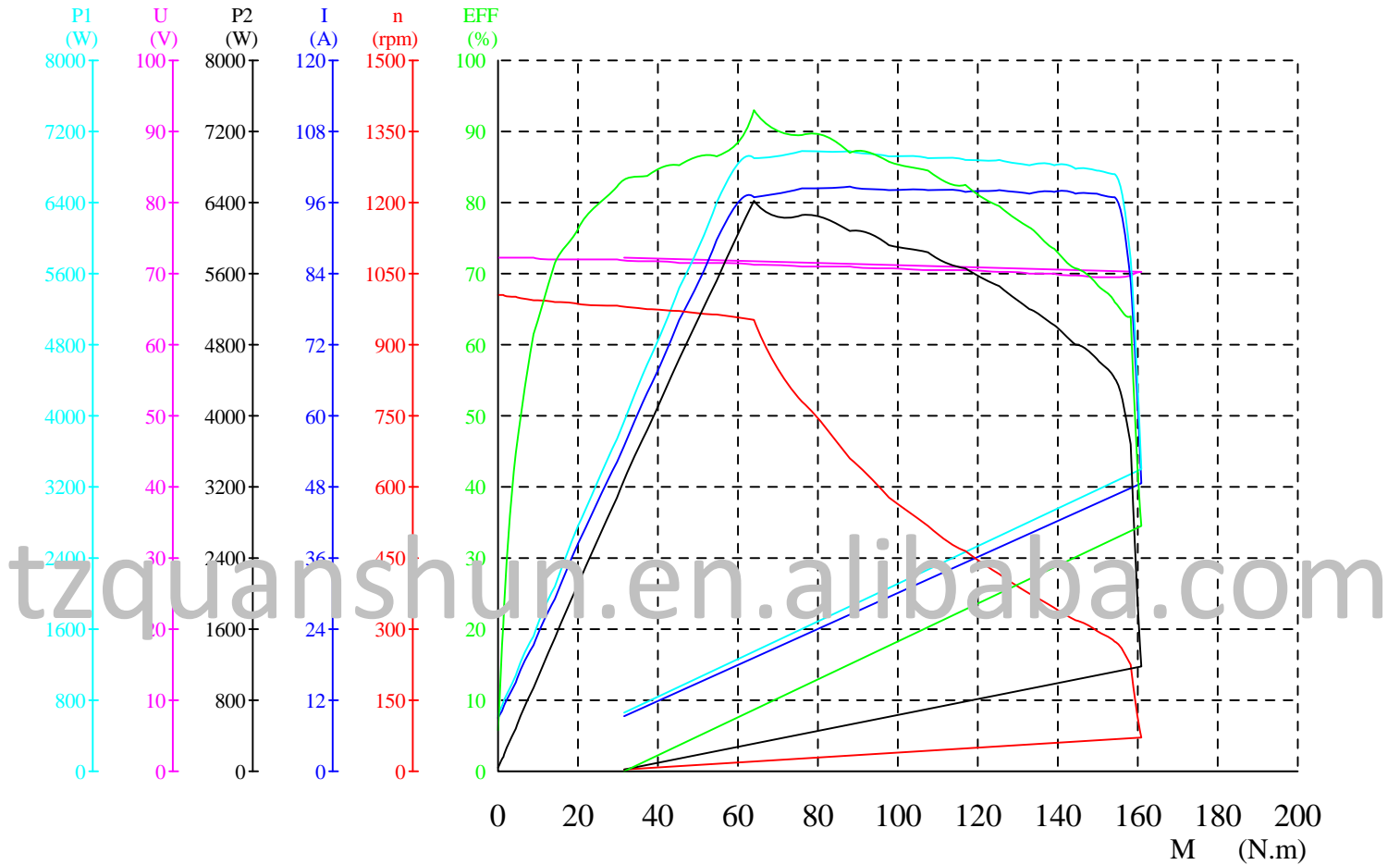


电机测试报告

72v3000wfb.gzd

2013.12.17



| 项目(Description) | U | I | P1 | M | n | P2 | EFF |
|-------------------|-------|-------|-------|-------|--------|-------|------|
| | (V) | (A) | (W) | (N.m) | (rpm) | (W) | (%) |
| 不加载点(No_Load) | 72.11 | 8.874 | 640.0 | 0.3 | 1004.7 | 37.02 | 5.7 |
| 最高效率点(Max_Eff) | 71.21 | 96.69 | 6885 | 64.3 | 950.7 | 6403 | 93.0 |
| 最大输出功率点(Max_Pout) | 71.21 | 96.69 | 6885 | 64.3 | 950.7 | 6403 | 93.0 |
| 最大转矩点(Max_Torque) | 70.02 | 48.55 | 3400 | 161.2 | 69.3 | 1169 | 34.4 |
| 堵转点(Locked_Rotor) | 72.10 | 9.047 | 652.2 | 31.6 | 0.1 | 0.33 | 0.0 |

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| NO: | U | I | P1 | M | n | P2 | EFF |
|-----|-------|-------|-------|-------|--------|-------|------|
| | (V) | (A) | (W) | (N.m) | (rpm) | (W) | (%) |
| 1 | 72.11 | 8.874 | 640.0 | 0.3 | 1004.7 | 37.02 | 5.7 |
| 2 | 72.11 | 9.313 | 671.5 | 0.6 | 1004.1 | 66.44 | 9.8 |
| 3 | 72.11 | 9.894 | 713.5 | 1.1 | 1002.8 | 124.3 | 17.4 |
| 4 | 72.11 | 10.56 | 762.0 | 1.4 | 1002.3 | 156.9 | 20.6 |
| 5 | 72.08 | 11.62 | 837.8 | 2.1 | 1001.1 | 228.0 | 27.2 |
| 6 | 72.09 | 12.99 | 936.8 | 3.4 | 999.9 | 358.4 | 38.2 |
| 7 | 72.07 | 14.79 | 1065 | 4.5 | 998.9 | 476.0 | 44.6 |
| 8 | 72.05 | 16.62 | 1198 | 5.5 | 997.2 | 582.1 | 48.5 |
| 9 | 72.03 | 18.76 | 1351 | 7.0 | 995.3 | 735.2 | 54.3 |
| 10 | 72.01 | 21.01 | 1513 | 8.9 | 993.2 | 929.2 | 61.4 |
| 11 | 71.97 | 23.54 | 1694 | 10.3 | 993.0 | 1079 | 63.7 |
| 12 | 71.95 | 26.15 | 1882 | 12.2 | 991.6 | 1269 | 67.4 |
| 13 | 71.93 | 28.89 | 2078 | 14.3 | 989.3 | 1483 | 71.3 |
| 14 | 71.89 | 31.89 | 2293 | 16.3 | 987.0 | 1691 | 73.7 |
| 15 | 71.85 | 35.02 | 2516 | 18.0 | 986.3 | 1851 | 73.9 |
| 16 | 71.80 | 38.13 | 2742 | 20.2 | 985.6 | 2039 | 76.1 |
| 17 | 71.76 | 41.12 | 2951 | 22.6 | 981.9 | 2330 | 78.9 |
| 18 | 71.82 | 48.17 | 3460 | 26.9 | 981.7 | 2771 | 80.1 |
| 19 | 71.77 | 51.98 | 3731 | 29.9 | 979.6 | 3067 | 82.1 |
| 20 | 71.71 | 55.22 | 3961 | 32.4 | 977.7 | 3322 | 83.8 |
| 21 | 71.69 | 59.27 | 4249 | 34.6 | 976.5 | 3542 | 83.3 |
| 22 | 71.66 | 63.66 | 4562 | 37.4 | 974.2 | 3822 | 83.7 |
| 23 | 71.58 | 67.92 | 4862 | 40.6 | 972.2 | 4135 | 85.0 |
| 24 | 71.54 | 71.52 | 5116 | 43.0 | 970.5 | 4370 | 85.4 |
| 25 | 71.47 | 76.08 | 5437 | 45.7 | 967.8 | 4636 | 85.2 |
| 26 | 71.44 | 80.43 | 5746 | 49.2 | 965.2 | 4976 | 86.5 |
| 27 | 71.41 | 84.85 | 6060 | 52.2 | 961.9 | 5264 | 86.8 |
| 28 | 71.34 | 89.51 | 6386 | 54.8 | 960.8 | 5519 | 86.4 |
| 29 | 71.33 | 93.88 | 6696 | 58.1 | 958.6 | 5832 | 87.1 |
| 30 | 71.26 | 98.46 | 7016 | 61.7 | 955.1 | 6173 | 87.9 |
| 31 | 71.21 | 96.69 | 6885 | 64.3 | 950.7 | 6403 | 93.0 |
| 32 | 71.10 | 96.98 | 6896 | 67.1 | 890.2 | 6256 | 90.7 |
| 33 | 71.01 | 97.33 | 6912 | 71.4 | 823.7 | 6165 | 89.2 |
| 34 | 70.96 | 98.33 | 6978 | 76.4 | 779.9 | 6241 | 89.4 |
| 35 | 70.88 | 98.24 | 6964 | 80.5 | 744.8 | 6279 | 90.1 |
| 36 | 70.83 | 98.21 | 6957 | 84.3 | 699.6 | 6178 | 88.8 |
| 37 | 70.77 | 98.41 | 6964 | 88.0 | 657.4 | 6063 | 87.0 |
| 38 | 70.74 | 98.02 | 6934 | 90.8 | 639.1 | 6081 | 87.6 |
| 39 | 70.70 | 98.22 | 6944 | 94.2 | 612.8 | 6047 | 87.0 |
| 40 | 70.63 | 97.87 | 6912 | 98.0 | 576.2 | 5918 | 85.6 |

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| NO: | U | I | P1 | M | n | P2 | EFF |
|-----|-------|-------|-------|-------|-------|------|------|
| | (V) | (A) | (W) | (N.m) | (rpm) | (W) | (%) |
| 41 | 70.59 | 97.93 | 6913 | 101.4 | 552.7 | 5870 | 84.9 |
| 42 | 70.50 | 98.16 | 6921 | 104.1 | 538.5 | 5872 | 84.8 |
| 43 | 70.48 | 97.82 | 6894 | 107.6 | 516.6 | 5823 | 84.4 |
| 44 | 70.43 | 97.93 | 6898 | 111.4 | 489.6 | 5713 | 82.8 |
| 45 | 70.40 | 98.12 | 6908 | 114.6 | 472.1 | 5665 | 82.0 |
| 46 | 70.35 | 97.66 | 6871 | 117.1 | 461.4 | 5659 | 82.3 |
| 47 | 70.31 | 97.83 | 6878 | 120.6 | 438.9 | 5544 | 80.6 |
| 48 | 70.24 | 97.53 | 6856 | 123.5 | 424.5 | 5489 | 80.0 |
| 49 | 70.15 | 97.83 | 6864 | 125.7 | 414.8 | 5460 | 79.5 |
| 50 | 70.09 | 97.55 | 6837 | 128.5 | 396.0 | 5329 | 77.9 |
| 51 | 70.03 | 97.61 | 6836 | 130.9 | 384.8 | 5273 | 77.1 |
| 52 | 69.97 | 97.34 | 6811 | 133.1 | 372.7 | 5197 | 76.3 |
| 53 | 69.90 | 97.66 | 6828 | 135.0 | 366.2 | 5177 | 75.8 |
| 54 | 69.85 | 98.01 | 6847 | 137.3 | 352.6 | 5071 | 74.0 |
| 55 | 69.82 | 97.54 | 6811 | 139.3 | 343.1 | 5005 | 73.4 |
| 56 | 69.71 | 97.94 | 6833 | 140.8 | 316.9 | 4959 | 72.1 |
| 57 | 69.65 | 98.04 | 6829 | 143.0 | 324.2 | 4854 | 71.0 |
| 58 | 69.61 | 97.33 | 6776 | 144.8 | 316.2 | 4794 | 70.7 |
| 59 | 69.57 | 97.54 | 6786 | 146.4 | 312.3 | 4787 | 70.5 |
| 60 | 69.50 | 97.33 | 6764 | 148.0 | 304.2 | 4715 | 69.7 |
| 61 | 69.50 | 97.23 | 6758 | 149.8 | 294.5 | 4621 | 68.3 |
| 62 | 69.40 | 97.14 | 6741 | 151.5 | 287.1 | 4556 | 67.5 |
| 63 | 69.42 | 96.78 | 6718 | 152.9 | 283.5 | 4539 | 67.5 |
| 64 | 69.37 | 96.66 | 6705 | 154.6 | 272.6 | 4414 | 65.8 |
| 65 | 69.35 | 95.76 | 6642 | 156.1 | 264.3 | 4320 | 65.0 |
| 66 | 69.44 | 90.60 | 6291 | 157.3 | 242.3 | 3991 | 63.4 |
| 67 | 69.56 | 82.63 | 5748 | 158.4 | 221.3 | 3671 | 63.8 |
| 68 | 69.81 | 74.06 | 5170 | 159.3 | 159.1 | 2653 | 51.3 |
| 69 | 70.10 | 61.83 | 4335 | 160.4 | 104.1 | 1748 | 40.3 |
| 70 | 70.02 | 48.55 | 3400 | 161.2 | 69.3 | 1169 | 34.4 |
| 71 | 72.10 | 9.047 | 652.2 | 31.6 | 0.1 | 0.33 | 0.0 |