

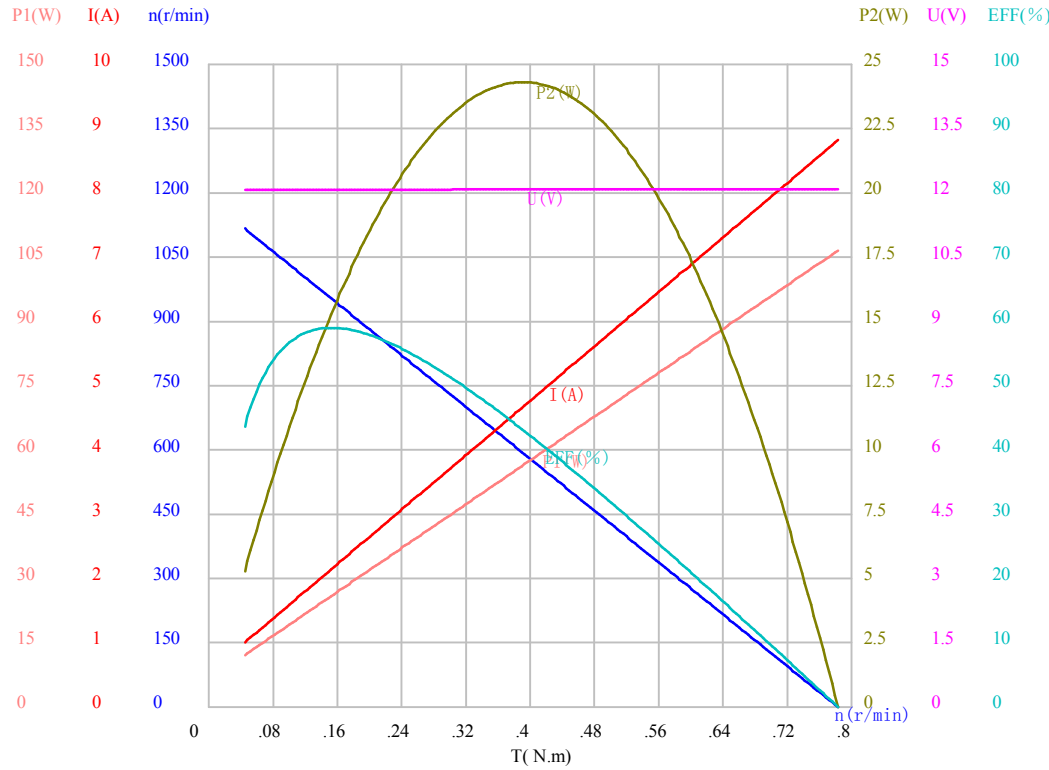
宁波东理电机有限公司

电机测试曲线

报告编号: 20210305-PG36BL36126000-3. 7K
 变速器变比(电机/输出): 3. 7/1
 样机编号: 1

客户:
 特性参数: /
 报告序号: 1

电机型号: PG36BL36126000-3. 7K
 样机转向: 逆时针 (CCW)



| U(V) | I(A) | P1(W) | T(N.m) | n(r/min) | P2(W) | EFF(%) | P.F |
|-------|-------|-------|---------|----------|-------|--------|-------|
| 12.08 | 1.002 | 12.11 | 0.05 | 1116.8 | 5.282 | 43.63 | 0.999 |
| 12.08 | 1.198 | 14.48 | 0.06 | 1088.7 | 7.265 | 50.18 | 0.999 |
| 12.08 | 1.395 | 16.85 | 0.08 | 1060.6 | 9.138 | 54.23 | 0.999 |
| 12.08 | 1.591 | 19.22 | 0.10 | 1032.6 | 10.90 | 56.71 | 0.999 |
| 12.08 | 1.788 | 21.60 | 0.12 | 1004.5 | 12.56 | 58.15 | 0.999 |
| 12.08 | 1.984 | 23.97 | 0.14 | 976.4 | 14.10 | 58.84 | 0.999 |
| 12.08 | 2.181 | 26.34 | 0.16 | 948.4 | 15.54 | 59.00 | 0.999 |
| 12.08 | 2.377 | 28.71 | 0.18 | 920.3 | 16.87 | 58.75 | 0.999 |
| 12.08 | 2.573 | 31.09 | 0.19 | 892.3 | 18.09 | 58.19 | 0.999 |
| 12.08 | 2.770 | 33.46 | 0.21 | 864.2 | 19.20 | 57.38 | 0.999 |
| 12.08 | 2.966 | 35.83 | 0.23 | 836.1 | 20.20 | 56.38 | 0.999 |
| 12.08 | 3.163 | 38.20 | 0.25 | 808.1 | 21.09 | 55.21 | 0.999 |
| 12.08 | 3.359 | 40.58 | 0.27 | 780.0 | 21.88 | 53.91 | 0.999 |
| 12.08 | 3.556 | 42.95 | 0.29 | 752.0 | 22.55 | 52.50 | 0.999 |
| 12.08 | 3.752 | 45.32 | 0.30 | 723.9 | 23.11 | 51.00 | 0.999 |
| 12.08 | 3.948 | 47.69 | 0.32 | 695.8 | 23.57 | 49.42 | 0.999 |
| 12.08 | 4.145 | 50.06 | 0.34 | 667.8 | 23.92 | 47.77 | 0.999 |
| 12.08 | 4.341 | 52.44 | 0.36 | 639.7 | 24.16 | 46.07 | 0.999 |
| 12.08 | 4.538 | 54.81 | 0.38 | 611.7 | 24.28 | 44.31 | 0.999 |
| 12.08 | 4.734 | 57.18 | 0.40 | 583.6 | 24.30 | 42.50 | 0.999 |
| 12.08 | 4.930 | 59.55 | 0.42 | 555.5 | 24.22 | 40.66 | 0.999 |
| 12.08 | 5.127 | 61.93 | 0.43 | 527.5 | 24.02 | 38.78 | 0.999 |
| 12.08 | 5.323 | 64.30 | 0.45 | 499.4 | 23.71 | 36.87 | 0.999 |
| 12.08 | 5.520 | 66.67 | 0.47 | 471.4 | 23.29 | 34.94 | 0.999 |
| 12.08 | 5.716 | 69.04 | 0.49 | 443.3 | 22.77 | 32.98 | 0.999 |
| 12.08 | 5.913 | 71.42 | 0.51 | 415.2 | 22.13 | 30.99 | 0.999 |
| 12.08 | 6.109 | 73.79 | 0.53 | 387.2 | 21.39 | 28.99 | 0.999 |
| 12.08 | 6.305 | 76.16 | 0.55 | 359.1 | 20.54 | 26.97 | 0.999 |
| 12.08 | 6.502 | 78.53 | 0.56 | 331.1 | 19.58 | 24.93 | 0.999 |
| 12.08 | 6.698 | 80.91 | 0.58 | 303.0 | 18.51 | 22.87 | 0.999 |
| 12.08 | 6.895 | 83.28 | 0.60 | 274.9 | 17.33 | 20.81 | 0.999 |
| 12.08 | 7.091 | 85.65 | 0.62 | 246.9 | 16.04 | 18.73 | 0.999 |
| 12.08 | 7.288 | 88.02 | 0.64 | 218.8 | 14.64 | 16.63 | 0.999 |
| 12.08 | 7.484 | 90.39 | 0.66 | 190.8 | 13.14 | 14.53 | 0.999 |
| 12.08 | 7.680 | 92.77 | 0.68 | 162.7 | 11.52 | 12.42 | 0.999 |
| 12.08 | 7.877 | 95.14 | 0.69 | 134.6 | 9.795 | 10.30 | 0.999 |
| 12.08 | 8.073 | 97.51 | 0.71 | 106.6 | 7.961 | 8.164 | 0.999 |
| 12.08 | 8.270 | 99.88 | 0.73 | 78.5 | 6.019 | 6.026 | 0.999 |
| 12.08 | 8.466 | 102.3 | 0.75 | 50.5 | 3.967 | 3.880 | 0.999 |
| 12.08 | 8.663 | 104.6 | 0.77 | 22.4 | 1.806 | 1.727 | 0.999 |
| 12.08 | 8.820 | 106.5 | 0.78 | 0.0 | 0.000 | 0.000 | 0.999 |

| 特征点 | U(V) | I(A) | P1(W) | T(N.m) | n(r/min) | P2(W) | EFF(%) | P.F |
|------|-------|-------|-------|---------|----------|-------|--------|-------|
| 空载点 | 12.08 | 1.002 | 12.11 | 0.05 | 1116.8 | 5.282 | 43.63 | 0.999 |
| 堵转点 | 12.08 | 8.820 | 106.5 | 0.783 | 0 | 0 | 0.000 | 0.999 |
| 最大转矩 | 12.08 | 8.820 | 106.5 | 0.78 | 0.0 | 0.000 | 0.000 | 0.999 |
| 最大输出 | 12.08 | 4.655 | 56.23 | 0.39 | 594.8 | 24.31 | 43.23 | 0.999 |
| 最大效率 | 12.08 | 2.141 | 25.87 | 0.15 | 954.0 | 15.26 | 59.01 | 0.999 |
| 额定值 | **** | **** | **** | **** | **** | **** | **** | **** |

检验人员:

检验日期: 2021-3-5