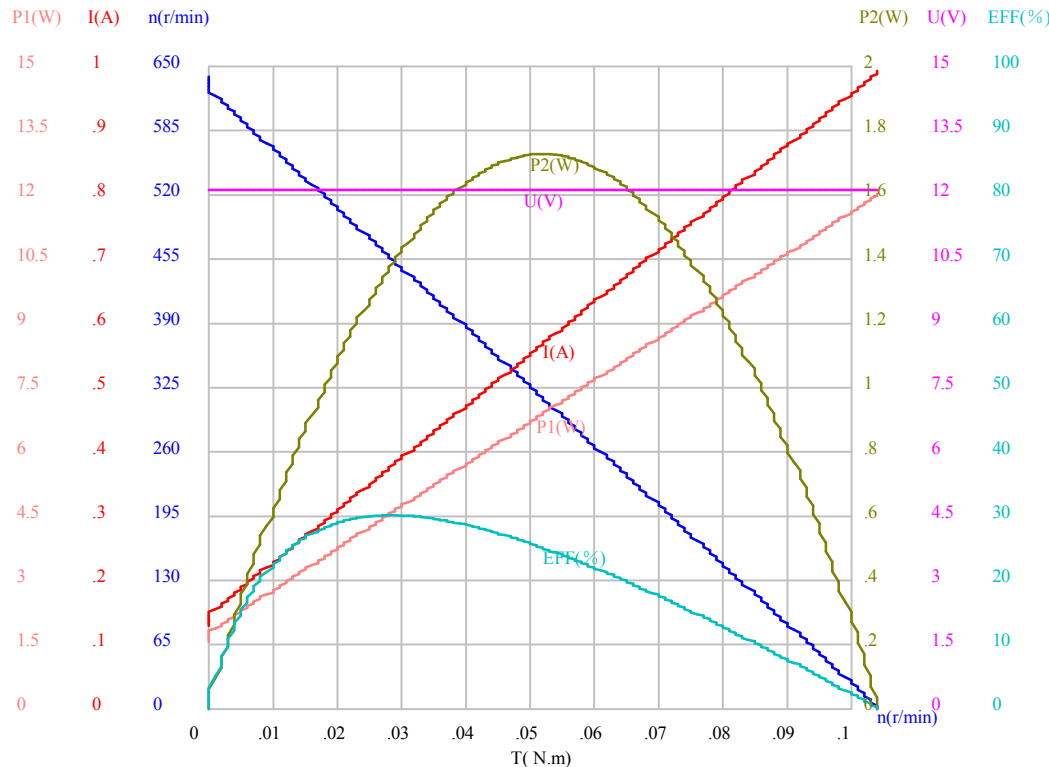


MOTOR LOAD TEST CURVE

Report No.:20210805-PG160501216000-22.5K
 Derailleur(Motor/Output):22.5/1
 Sample No.:1

Manufacturer:
 Specification:/
 Report No.:1

Motor Type:PG160501216000-22.5K
 Direction:逆时针(CCW)



| U(V) | I(A) | P1(W) | T(N.m) | n(r/min) | P2(W) | EFF(%) | P.F |
|-------|-------|-------|---------|----------|-------|--------|-------|
| 12.11 | 0.129 | 1.569 | 0.000 | 639.7 | 0.000 | 0.000 | 1.000 |
| 12.11 | 0.151 | 1.832 | 0.000 | 623.7 | 0.061 | 3.329 | 1.000 |
| 12.11 | 0.172 | 2.094 | 0.003 | 607.6 | 0.229 | 10.97 | 1.000 |
| 12.11 | 0.194 | 2.357 | 0.006 | 591.5 | 0.389 | 16.53 | 1.000 |
| 12.11 | 0.216 | 2.620 | 0.008 | 575.4 | 0.540 | 20.63 | 1.000 |
| 12.11 | 0.237 | 2.883 | 0.011 | 559.4 | 0.682 | 23.67 | 1.000 |
| 12.11 | 0.259 | 3.146 | 0.014 | 543.3 | 0.815 | 25.91 | 1.000 |
| 12.11 | 0.281 | 3.409 | 0.017 | 527.2 | 0.939 | 27.54 | 1.000 |
| 12.11 | 0.303 | 3.672 | 0.019 | 511.1 | 1.053 | 28.70 | 1.000 |
| 12.11 | 0.324 | 3.934 | 0.022 | 495.1 | 1.159 | 29.47 | 1.000 |
| 12.11 | 0.346 | 4.197 | 0.025 | 479.0 | 1.256 | 29.93 | 1.000 |
| 12.11 | 0.368 | 4.460 | 0.027 | 462.9 | 1.344 | 30.13 | 1.000 |
| 12.11 | 0.389 | 4.723 | 0.030 | 446.8 | 1.422 | 30.12 | 1.000 |
| 12.11 | 0.411 | 4.986 | 0.033 | 430.8 | 1.492 | 29.93 | 1.000 |
| 12.11 | 0.433 | 5.249 | 0.035 | 414.7 | 1.553 | 29.59 | 1.000 |
| 12.11 | 0.455 | 5.512 | 0.038 | 398.6 | 1.604 | 29.11 | 1.000 |
| 12.11 | 0.476 | 5.774 | 0.041 | 382.5 | 1.647 | 28.53 | 1.000 |
| 12.11 | 0.498 | 6.037 | 0.043 | 366.5 | 1.680 | 27.84 | 1.000 |
| 12.11 | 0.520 | 6.300 | 0.046 | 350.4 | 1.705 | 27.07 | 1.000 |
| 12.11 | 0.541 | 6.563 | 0.049 | 334.3 | 1.721 | 26.22 | 1.000 |
| 12.11 | 0.563 | 6.826 | 0.051 | 318.2 | 1.727 | 25.31 | 1.000 |
| 12.11 | 0.585 | 7.089 | 0.054 | 302.2 | 1.725 | 24.34 | 1.000 |
| 12.11 | 0.606 | 7.352 | 0.057 | 286.1 | 1.713 | 23.31 | 1.000 |
| 12.11 | 0.628 | 7.614 | 0.059 | 270.0 | 1.693 | 22.23 | 1.000 |
| 12.11 | 0.650 | 7.877 | 0.062 | 253.9 | 1.663 | 21.12 | 1.000 |
| 12.11 | 0.672 | 8.140 | 0.065 | 237.9 | 1.625 | 19.96 | 1.000 |
| 12.11 | 0.693 | 8.403 | 0.067 | 221.8 | 1.577 | 18.77 | 1.000 |
| 12.11 | 0.715 | 8.666 | 0.070 | 205.7 | 1.520 | 17.55 | 1.000 |
| 12.11 | 0.737 | 8.929 | 0.073 | 189.6 | 1.455 | 16.30 | 1.000 |
| 12.11 | 0.758 | 9.192 | 0.075 | 173.6 | 1.380 | 15.02 | 1.000 |
| 12.11 | 0.780 | 9.454 | 0.078 | 157.5 | 1.297 | 13.72 | 1.000 |
| 12.11 | 0.802 | 9.717 | 0.081 | 141.4 | 1.204 | 12.39 | 1.000 |
| 12.11 | 0.824 | 9.980 | 0.083 | 125.3 | 1.102 | 11.05 | 1.000 |
| 12.11 | 0.845 | 10.24 | 0.086 | 109.3 | 0.991 | 9.683 | 1.000 |
| 12.11 | 0.867 | 10.51 | 0.089 | 93.2 | 0.872 | 8.302 | 1.000 |
| 12.11 | 0.889 | 10.77 | 0.092 | 77.1 | 0.743 | 6.904 | 1.000 |
| 12.11 | 0.910 | 11.03 | 0.094 | 61.0 | 0.605 | 5.490 | 1.000 |
| 12.11 | 0.932 | 11.29 | 0.097 | 45.0 | 0.458 | 4.063 | 1.000 |
| 12.11 | 0.954 | 11.56 | 0.100 | 28.9 | 0.303 | 2.622 | 1.000 |
| 12.11 | 0.975 | 11.82 | 0.102 | 12.8 | 0.138 | 1.170 | 1.000 |
| 12.11 | 0.993 | 12.03 | 0.104 | 0.0 | 0.000 | 0.000 | 1.000 |

| | U(V) | I(A) | P1(W) | T(N.m) | n(r/min) | P2(W) | EFF(%) | P.F |
|---------|-------|-------|-------|---------|----------|-------|--------|-------|
| No-Load | 12.11 | 0.129 | 1.569 | 0.000 | 639.7 | 0.000 | 0.000 | 1.000 |
| Locked | 12.11 | 0.993 | 12.03 | 0.104 | 0 | 0 | 0.000 | 1.000 |
| Max-T | 12.11 | 0.993 | 12.03 | 0.104 | 0.0 | 0.000 | 0.000 | 1.000 |
| Max-P2 | 12.11 | 0.559 | 6.773 | 0.051 | 321.5 | 1.727 | 25.50 | 1.000 |
| Max-EFF | 12.11 | 0.376 | 4.565 | 0.028 | 456.5 | 1.376 | 30.15 | 1.000 |
| Rating | **** | **** | **** | **** | **** | **** | **** | **** |

Tester:

Test Date: 2021-8-6