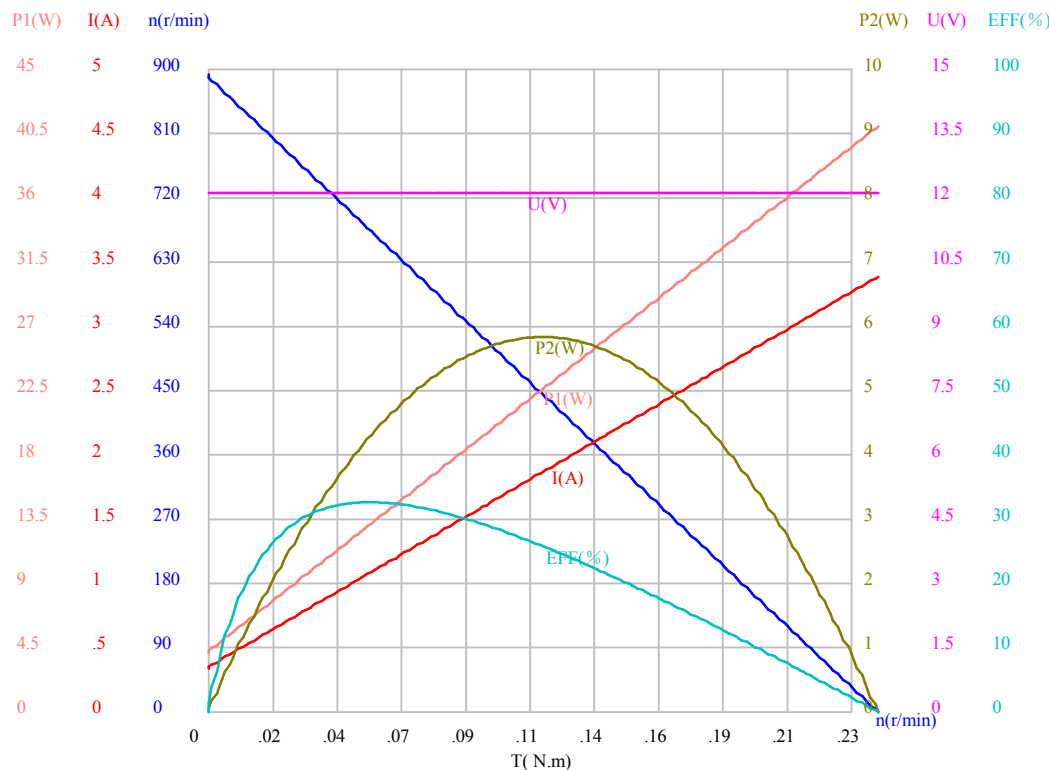


# MOTOR LOAD TEST CURVE

Report No.:20210330-PG221801215000-16K  
 Deraillieur(Motor/Output):16/1  
 Sample No.:1

Manufacturer:  
 Specification:/  
 Report No.:1

Motor Type:PG221801215000-16K  
 Direction:逆时针(CCW)



| U(V)  | I(A)  | P1(W) | T( N.m) | n(r/min) | P2(W) | EFF(%) | P.F   |
|-------|-------|-------|---------|----------|-------|--------|-------|
| 12.11 | 0.339 | 4.111 | 0.000   | 892.5    | 0.000 | 0.000  | 0.999 |
| 12.11 | 0.416 | 5.039 | 0.005   | 870.1    | 0.517 | 10.27  | 0.999 |
| 12.11 | 0.492 | 5.966 | 0.011   | 847.7    | 1.064 | 17.83  | 0.999 |
| 12.11 | 0.569 | 6.893 | 0.018   | 825.3    | 1.580 | 22.93  | 0.999 |
| 12.11 | 0.646 | 7.821 | 0.024   | 802.8    | 2.068 | 26.44  | 0.999 |
| 12.11 | 0.722 | 8.748 | 0.030   | 780.4    | 2.525 | 28.87  | 0.999 |
| 12.11 | 0.799 | 9.675 | 0.037   | 758.0    | 2.953 | 30.53  | 0.999 |
| 12.11 | 0.875 | 10.60 | 0.043   | 735.6    | 3.351 | 31.61  | 0.999 |
| 12.11 | 0.952 | 11.53 | 0.049   | 713.1    | 3.720 | 32.27  | 0.999 |
| 12.11 | 1.029 | 12.46 | 0.056   | 690.7    | 4.059 | 32.59  | 0.999 |
| 12.11 | 1.105 | 13.38 | 0.062   | 668.3    | 4.369 | 32.64  | 0.999 |
| 12.11 | 1.182 | 14.31 | 0.068   | 645.9    | 4.649 | 32.48  | 0.999 |
| 12.11 | 1.259 | 15.24 | 0.075   | 623.4    | 4.899 | 32.15  | 0.999 |
| 12.11 | 1.335 | 16.17 | 0.081   | 601.0    | 5.120 | 31.67  | 0.999 |
| 12.11 | 1.412 | 17.09 | 0.087   | 578.6    | 5.311 | 31.07  | 0.999 |
| 12.11 | 1.488 | 18.02 | 0.093   | 556.1    | 5.472 | 30.37  | 0.999 |
| 12.11 | 1.565 | 18.95 | 0.100   | 533.7    | 5.604 | 29.58  | 0.999 |
| 12.11 | 1.642 | 19.88 | 0.106   | 511.3    | 5.706 | 28.71  | 0.999 |
| 12.11 | 1.718 | 20.80 | 0.112   | 488.9    | 5.779 | 27.78  | 0.999 |
| 12.11 | 1.795 | 21.73 | 0.119   | 466.4    | 5.822 | 26.79  | 0.999 |
| 12.11 | 1.871 | 22.66 | 0.125   | 444.0    | 5.835 | 25.75  | 0.999 |
| 12.11 | 1.948 | 23.59 | 0.131   | 421.6    | 5.819 | 24.67  | 0.999 |
| 12.11 | 2.025 | 24.51 | 0.138   | 399.2    | 5.773 | 23.55  | 0.999 |
| 12.11 | 2.101 | 25.44 | 0.144   | 376.7    | 5.697 | 22.40  | 0.999 |
| 12.11 | 2.178 | 26.37 | 0.150   | 354.3    | 5.592 | 21.21  | 0.999 |
| 12.11 | 2.255 | 27.29 | 0.157   | 331.9    | 5.457 | 20.00  | 0.999 |
| 12.11 | 2.331 | 28.22 | 0.163   | 309.4    | 5.293 | 18.76  | 0.999 |
| 12.11 | 2.408 | 29.15 | 0.169   | 287.0    | 5.099 | 17.49  | 0.999 |
| 12.11 | 2.484 | 30.08 | 0.175   | 264.6    | 4.875 | 16.21  | 0.999 |
| 12.11 | 2.561 | 31.00 | 0.182   | 242.2    | 4.622 | 14.91  | 0.999 |
| 12.11 | 2.638 | 31.93 | 0.188   | 219.7    | 4.339 | 13.59  | 0.999 |
| 12.11 | 2.714 | 32.86 | 0.194   | 197.3    | 4.027 | 12.26  | 0.999 |
| 12.11 | 2.791 | 33.79 | 0.201   | 174.9    | 3.684 | 10.91  | 0.999 |
| 12.11 | 2.867 | 34.71 | 0.207   | 152.5    | 3.313 | 9.544  | 0.999 |
| 12.11 | 2.944 | 35.64 | 0.213   | 130.0    | 2.911 | 8.170  | 0.999 |
| 12.11 | 3.021 | 36.57 | 0.220   | 107.6    | 2.480 | 6.784  | 0.999 |
| 12.11 | 3.097 | 37.49 | 0.226   | 85.2     | 2.020 | 5.388  | 0.999 |
| 12.11 | 3.174 | 38.42 | 0.232   | 62.7     | 1.530 | 3.982  | 0.999 |
| 12.11 | 3.251 | 39.35 | 0.239   | 40.3     | 1.010 | 2.567  | 0.999 |
| 12.11 | 3.327 | 40.28 | 0.245   | 17.9     | 0.460 | 1.144  | 0.999 |
| 12.11 | 3.388 | 41.02 | 0.250   | 0.0      | 0.000 | 0.000  | 0.999 |

|         | U(V)  | I(A)  | P1(W) | T( N.m) | n(r/min) | P2(W) | EFF(%) | P.F   |
|---------|-------|-------|-------|---------|----------|-------|--------|-------|
| No-Load | 12.11 | 0.339 | 4.111 | 0.000   | 892.5    | 0.000 | 0.000  | 0.999 |
| Locked  | 12.11 | 3.388 | 41.02 | 0.250   | 0        | 0     | 0.000  | 0.999 |
| Max-T   | 12.11 | 3.388 | 41.02 | 0.250   | 0.0      | 0.000 | 0.000  | 0.999 |
| Max-P2  | 12.11 | 1.856 | 22.47 | 0.124   | 448.5    | 5.835 | 25.97  | 0.999 |
| Max-EFF | 12.11 | 1.090 | 13.20 | 0.061   | 672.8    | 4.309 | 32.65  | 0.999 |
| Rating  | ****  | ****  | ****  | ****    | ****     | ****  | ****   | ****  |

Tester:

Test Date: 2021-3-30